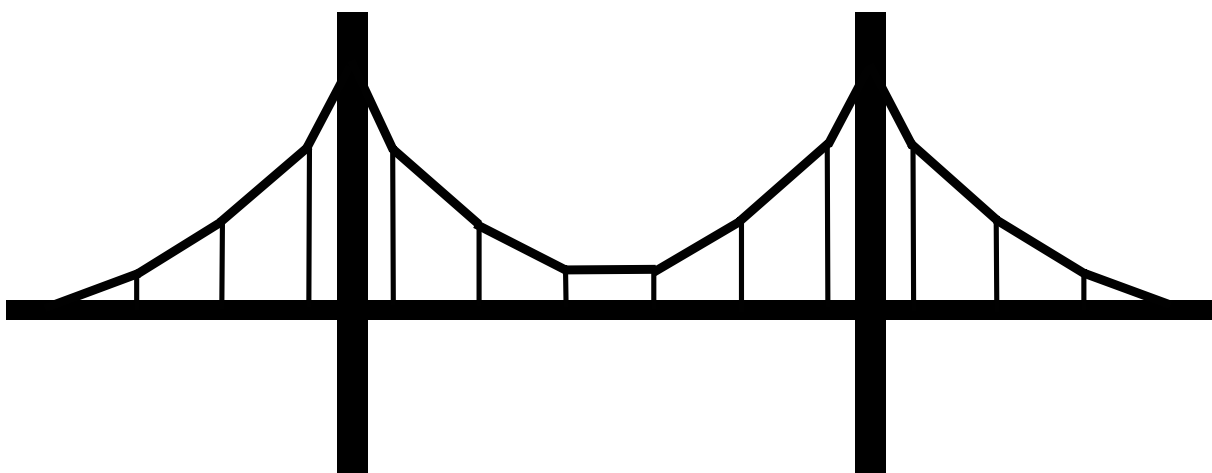


# NEW YORK CITY BRIDGE TRAFFIC VOLUMES 2006



*The City of New York*  
Michael R. Bloomberg, Mayor



**New York City Department of Transportation**  
**Janette Sadik-Khan, Commissioner**

**A member of the New York Metropolitan Transportation Council**

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# **New York City Bridge Traffic Volumes 2006**

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# ***Introduction***

# INTRODUCTION

The 2006 *New York City Bridge Traffic Volumes* report is an annual publication prepared by the New York City Department of Transportation (NYCDOT), and funded by the Unified Planning Work Program (UPWP), and the Transportation Equity Act of the 21<sup>st</sup> Century (TEA-21).

Since 1948, the New York City Department of Transportation (NYCDOT) has monitored traffic flow on 47 bridges operated by the City of New York. This 2006 *New York City Bridge Traffic Volumes* report summarizes vehicular volumes, classification data, and trends for the 47 bridges that cross over water. Volume and trend information also is presented for the nine bridges and tunnels operated by the Metropolitan Transportation Authority Bridges and Tunnels (MTABT), and the six bridges and tunnels operated by the Port Authority of New York and New Jersey (PANYNJ).

All bridges are monitored with automatic traffic recording (ATR) machines. Hourly volumes by direction for each bridge are presented in tabular form. Graphical presentations of the hourly volumes by direction are provided by histograms. Hourly classification data identifies the volumes by vehicle type. A regression analysis of the total daily volumes for each facility for the years 1948-2006 was performed in order to develop trend information. In addition, changes in the traffic volumes for all facilities over the past 58 years are shown in graphical form.

The report presents annual growth rates for each bridge. These growth rates are derived from the linear regression equation, which reflects the best fitting straight line for the data plotted. A more comprehensive analysis of bridges and tunnels serving Manhattan is presented in the *Manhattan River Crossings* report which also is published annually.

The 47 New York City bridges and the MTABT and PANYNJ facilities have been designated a highway functional classification. Functional classification is the process by which streets and highways are grouped into classes, or systems, according to the character of service each roadway provides.

The five functional systems are defined as follows:

1. Interstate - connects population centers across state lines.
2. Principal Arterial - serves major centers of activity of an urban area and carries a high proportion of the total urban area travel on a minimum of mileage.
3. Minor Arterial - interconnects with and augments urban principal arterials; provides service for trips of moderate length at a somewhat lower level of travel mobility than principal arterials; distributes travel to geographic areas smaller than those identified with the higher system.
4. Collector Street - provides both land access service and traffic circulation within residential neighborhoods, and commercial and industrial areas. Differs from the arterial systems in that facilities on the collector system may penetrate residential neighborhoods, distributing trips from arterials to the ultimate destination. Conversely, collector streets also collect traffic from local streets in residential neighborhoods and channel it into the arterial system.



5. Local Street - comprises all facilities not on one of the higher systems. Serves primarily to provide direct access to abutting land and access to the higher order systems. Offers the lowest level of mobility and usually contains no bus or truck routes.

## ***Summary***

# SUMMARY

## 2006 Volumes

- In 2006, daily traffic on the 47 bridges operated by the New York City Department of Transportation decreased 1.4%, to 2.719 million from 2.758 million in 2005.
- Daily traffic on the four East River bridges decreased 0.7%, to 494,600 in fall 2006 from 498,200 in fall 2005.
- Daily volume using the nine Harlem River bridges decreased 0.8%, to 557,000 in 2006 from 561,400 in 2005.
- Daily traffic using the four bridges over Newtown Creek between Queens and Brooklyn decreased 5.3%, to 265,300 in 2006 from 280,200 in 2005.
- On the eight bridges in The Bronx, daily traffic decreased 0.7%, to 456,000 from 459,100.
- On the ten bridges in Brooklyn, daily traffic decreased 0.9%, to 328,600 from 331,500.
- On the eleven bridges in Queens, daily traffic decreased 1.4%, to 552,600 from 560,500.
- Daily traffic on the Fresh Kills Bridge in Staten Island decreased 2.3%, to 65,300 from 66,800.
- The most heavily used City-operated water crossing in 2006 was the Whitestone Expressway Bridge, which carried 197,100 daily vehicles across the Flushing River in Queens.
- Other high volume bridges were the Alexander Hamilton Bridge over the Harlem River between The Bronx and Manhattan (190,200 daily vehicles), the Queensboro Bridge over the East River between Manhattan and Queens (186,100), the Kosciuszko Bridge over Newtown Creek between Brooklyn and Queens (184,300), the Eastern Boulevard Bridge over the Bronx River in The Bronx (182,600), the Mill Basin Bridge on the Belt Parkway in Brooklyn (144,000), and the Brooklyn Bridge over the East River between Brooklyn and Manhattan (126,800).

## Major Increases

- On bridges carrying more than 50,000 daily vehicles, the largest percentage increase was on the Alexander Hamilton Bridge over the Harlem River between Manhattan and The Bronx, where daily traffic increased 4.7%, to 190,200 in 2006 from 181,600 in 2005.
- On bridges carrying fewer than 50,000 daily vehicles, the Stillwell Avenue Bridge in Brooklyn had the highest percentage increase (+9.8%).

## Major Decreases

- On bridges carrying more than 50,000 daily vehicles, the Kosciuszko Bridge over Newtown Creek between Brooklyn and Queens showed the largest percentage decline (-7.3%).
- On bridges carrying fewer than 50,000 daily vehicles, the 145<sup>th</sup> Street Bridge over the Harlem River between Manhattan and The Bronx showed the largest percentage reduction (-15.8%).

## Ten-Year Trends: 1996 - 2006

- Total bridge traffic increased at an average rate of 0.8% per year during this ten-year period, compared to the 0.2% average annual growth rate during the preceding decade. The highest annual growth rates occurred on the Madison Avenue Bridge over the Harlem River between The Bronx and Manhattan (+6.4%), the Hutchinson River Parkway Bridge in The Bronx (+3.8%), the Eastern Boulevard Bridge in The Bronx (+3.2%), the Unionport Bridge in The Bronx (+3.0%), and the North Channel Bridge in Queens (+3.0%).
- Traffic on the four toll-free East River bridges decreased at an average rate of 0.1% per year, versus an annual rate of decline of 0.2% during the preceding decade. The highest annual growth rate occurred on the Williamsburg Bridge, +1.1%. Average volume on the Brooklyn and Manhattan Bridges declined by 0.8% per year and 1.0% per year, respectively.
- Traffic on the nine toll-free Harlem River bridges increased 0.2% per year, versus an annual rate of decline of 0.2% during the preceding decade. The highest growth rate occurred on the Madison Avenue Bridge, +6.4% per year.
- On the four bridges over Newtown Creek between Brooklyn and Queens, daily traffic increased 0.8% per year, four times the 0.2% annual growth rate during the preceding decade. The highest growth rate occurred on the Pulaski Bridge, +2.8% per year.
- Daily volume on the eight bridges in the Bronx increased 2.5% per year, versus an annual rate of decline of 0.4% during the preceding ten years. The fastest individual facility growth rates were recorded on the Hutchinson River Parkway Bridge (+3.8% annually), the Eastern Boulevard Bridge (+3.2% annually), and the Unionport Bridge (+3.0% annually). Average volume on the Pelham Bridge declined by 3.9% annually.
- Average daily traffic on the ten bridges in Brooklyn increased 0.4% per year, compared to the 1.3% annual growth rate during the preceding ten years. The fastest annual growth rate occurred on the Cropsey Avenue Bridge (+2.8%).
- Traffic on the eleven Queens bridges increased 1.1% per year, nearly twice the 0.6% annual growth rate of the preceding decade. The fastest growth rates occurred on the North Channel Bridge (+3.0% annually), and the Midtown Highway Bridge (+2.5% annually). Average volume on the Roosevelt Avenue Bridge declined by 2.2% annually.

## Historic Trends

- In 1948, traffic on the City-operated bridges was 924,000 daily trips. By 1968, that figure had more than doubled to 1,912,000. In 2006, it stood at 2,719,000 daily trips, nearly three times the 1948 volume.
- Between 1956 and 1966, bridge traffic increased 3.8% per year on the 45 City bridges open during that time. The highest annual growth rates were on the Unionport Bridge in The Bronx (+14.7%), the Carroll Street Bridge in Brooklyn (+9.8%), the Westchester Avenue Bridge in The Bronx (+8.9%), the Brooklyn Bridge between Manhattan and Brooklyn (+8.8%), and the North Channel Bridge in Queens (+8.8%).
- Between 1966 and 1976, bridge traffic increased 0.4% per year on the 46 City bridges open during that time. The Fresh Kills Bridge in Staten Island had the highest annual growth rate (+9.7%), followed by the Borden Avenue Bridge in Queens (+7.0%), and the Eastchester Bridge in The Bronx (+6.0%).

- Between 1976 and 1986, total traffic on the 47 City bridges showed an average annual growth rate of 2.1%. The highest individual facility annual growth rates were on the Union Street Bridge in Brooklyn (+8.2%), the Rikers Island Bridge in Queens (+6.4%), the Metropolitan Avenue Bridge in Brooklyn (+6.4%), the Grand Street Bridge over Newtown Creek between Brooklyn and Queens (+5.8%), and the Cropsey Avenue Bridge in Brooklyn (+5.7%).
- Between 1986 and 1996, bridge traffic grew 0.2% per year on the 47 City bridges. The highest annual growth rates were on the Third Street Bridge in Brooklyn (+7.4%), the Greenpoint Avenue Bridge over Newtown Creek between Brooklyn and Queens (+7.0%), and the Pelham Bridge in The Bronx (+6.0%).
- Traffic crossing the Harlem River increased significantly following the opening of the Alexander Hamilton Bridge in 1963. By 1965, daily traffic on the Alexander Hamilton Bridge had exceeded 125,000 vehicles. As a result, traffic on the Harlem River crossings increased 28% between 1962 and 1965.
- Bridge traffic increased steadily in the late 1960s and by 1971 had reached 2,059,000 vehicles per day. This was followed by a downward trend between 1971 and 1979. Daily bridge traffic in 1979 was 65,000 below the 1969 level. Thereafter, bridge traffic increased in most years, with 753,100 more daily vehicles crossing the bridges in 2006 than in 1979.

## Major Bridge Reconstruction In 2006

### *Brooklyn Bridge*

Eastbound lane closures were in effect as follows:

01/01-12/31	1:00am–7:00am	Mon–Fri	1 e/b lane closed intermittently,
	10:00am–3:00pm	Mon–Fri	1 e/b lane closed intermittently,
	6:00am–2:00pm	Sat–Sun	1 e/b lane closed intermittently.
08/07-08/10:	1:00am–7:00am	Mon–Thu	1 e/b lane closed.
	2:00am–6:00am	Mon–Thu	2 e/b lanes closed.
08/13:	1:00am–2:00am	Sun	1 e/b lane closed.
	2:00am–10:00am	Sun	2 e/b lanes closed.
11/17:	12:01am–6:00am	Fri	1 e/b lane closed.

Westbound lane closures were in effect as follows:

01/01-12/31:	11:00pm–6:00am	Mon–Fri	1 w/b lane closed intermittently,
	1:00am–7:00am	Sat	1 w/b lane closed intermittently,
	1:00am–9:00am	Sun	1 w/b lane closed intermittently.
11/15-11/16:	10:00pm Wednesday–6:00am Thursday		1 w/b lane closed.

On March 8 and March 9, between 12:01am–5:00am, the northbound/eastbound Brooklyn-Queens Expressway exit onto the Brooklyn Bridge was closed.

From May 6 to June 23, on weekdays between 10:00am–3:00pm, the Park Row entrance was reduced to one lane to facilitate NYCDOT curb repair.

From September 2 to September 8, and from September 23 to September 29, the westbound/inbound exit to Park Row South was closed intermittently Monday through Friday between 12:01am–5:00am.

On Saturday, November 11, the eastbound Pearl Street entrance was closed from 2:00am–8:00am.

### ***Manhattan Bridge***

From January 1 to July 30, bicycle access was on the north side of the bridge and pedestrian access was on the south side of the Manhattan Bridge.

From August 1 to October 8, the pedestrian south walkway was closed, with pedestrian and bicycle access provided on the north side.

As of October 9, the pedestrian south walkway was reopened and the north bikeway was closed. Pedestrian and cyclist access to the bridge was maintained by sharing the south walkway.

From January 1 to October 14, one or two of the three lanes on the reversible Lower Roadway was closed.

As of October 15, the Lower Roadway was completely closed round-the-clock.

From January 1 to October 14, there were four peak direction lanes on weekdays (5:00-10:00am Manhattan-bound, 3:00-9:00pm Brooklyn-bound).

As of October 15, with the Lower Roadway closed, and there were two lanes in each direction at all times.

The Brooklyn-bound South Upper Roadway was completely closed from 6:00am on Saturday, September 30 to 10:00pm on Sunday, October 1. During this time, the Lower Roadway was Brooklyn-bound.

### **Manhattan Bridge Operation: January 1 – March 3, 2006.**

- **Mon-Fri 5:00am - 3:00pm.**
  - Manhattan-bound: 4 lanes: 2 on North Upper Roadway,  
2 on Lower Roadway.
  - Brooklyn-bound: 2 lanes: South Upper Roadway.
  - *One Lower Roadway lane closed.*
- **Mon-Fri 3:00pm - 9:00pm.**
  - Manhattan-bound: 2 lanes: North Upper Roadway,
  - Brooklyn-bound: 4 lanes: 2 on South Upper Roadway,  
2 on Lower Roadway.
  - *One Lower Roadway lane closed.*
- **Mon-Fri 9:00pm - 5:00am.**
  - Manhattan-bound: 2 lanes: North Upper Roadway.
  - Brooklyn-bound: 3-4 lanes: 2 on South Upper Roadway,  
1-2 on Lower Roadway.
  - *One or two Lower Roadway lanes closed.*

- **Sat-Sun.**
  - Manhattan-bound: 3-4 lanes 2 on North Upper Roadway,  
1-2 on Lower Roadway.
  - Brooklyn-bound: 2 lanes on South Upper Roadway.
  - *One or two Lower Roadway lanes closed.*

**Manhattan Bridge Operation: March 4 – October 14, 2006.**

- **Mon-Fri 5:00am – 10:00am.**
  - Manhattan-bound: 4 lanes: 2 on North Upper Roadway,  
2 on Lower Roadway.
  - Brooklyn-bound: 2 lanes: South Upper Roadway.
  - *One Lower Roadway lane closed.*
- **Mon-Fri 10:00am – 3:00pm.**
  - Manhattan-bound: 3 lanes: 2 on North Upper Roadway,  
1 on Lower Roadway.
  - Brooklyn-bound: 2 lanes: South Upper Roadway.
  - *Two Lower Roadway lanes closed.*
- **Mon-Fri 3:00pm - 9:00pm.**
  - Manhattan-bound: 2 lanes: North Upper Roadway,
  - Brooklyn-bound: 4 lanes: 2 on South Upper Roadway,  
2 on Lower Roadway.
  - *One Lower Roadway lane closed.*
- **Mon-Fri 9:00pm - 5:00am.**
  - Manhattan-bound: 2 lanes North Upper Roadway.
  - Brooklyn-bound: 3-4 lanes: 2 on South Upper Roadway,  
1-2 on Lower Roadway.
  - *One or two Lower Roadway lanes closed.*
- **Sat-Sun.**
  - Manhattan-bound: 3-4 lanes 2 on North Upper Roadway,  
1-2 on Lower Roadway.
  - Brooklyn-bound: 2 lanes on South Upper Roadway.
  - *One or two Lower Roadway lanes closed.*
- **6:00am – 6:00pm Sat., September 16.**
- **10:00pm Friday, September 22 – 5:00am Monday, September 25.**
  - Manhattan-bound: 2-3 lanes 1 on North Upper Roadway,  
1-2 on Lower Roadway.
  - Brooklyn-bound: 2 lanes on South Upper Roadway,
  - *One North Upper Roadway lane closed.*
  - *One or two Lower Roadway lanes closed.*
- **6:00am Saturday, September 30 – 10:00pm Sunday, October 1.**
  - Manhattan-bound: 2 lanes North Upper Roadway.
  - Brooklyn-bound: 2 lanes Lower Roadway.
  - *South Upper Roadway completely closed.*
  - *One Lower Roadway lane closed.*

## **Manhattan Bridge Operation: As of October 15, 2006.**

- **All Times.**
  - Manhattan-bound: 2 lanes: North Upper Roadway.
  - Brooklyn-bound: 2 lanes: South Upper Roadway.
  - *Lower Roadway completely closed round-the-clock, Williamsburg Bridge South Inner roadway reversed to Manhattan-bound 6:00am-10:00am weekdays for passenger cars only.*

## ***Queensboro Bridge***

Throughout 2006, **trucks** were permitted only on the two Lower Inner Roadways.

Throughout 2006, a **High Occupancy Vehicle (HOV) facility** was in effect on the Queensboro Bridge. The normally Queens-bound South Upper Roadway was reversed between 6:00am and 10:00am on weekdays to accommodate Manhattan-bound HOVs (no trucks) carrying two or more occupants.

Throughout 2006, the North Outer Roadway was reserved for **bicyclists and pedestrians**. As of May 29, this roadway was closed from 10:00pm to 5:00am. During these hours, shuttle bus service was provided for bicyclists and pedestrians.

The South Inner Roadway was closed as follows:

09/19-09/21:	1:00am - 5:30am	Tue-Thu.
10/18:	1:00am - 5:00am	Wed.

The South Upper Roadway was closed as follows:

06/17:	2:00am - 10:00am	Sat.
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The South Upper Roadway was also closed intermittently as follows:

All 2006:	1:00am - 5:30am	Mon-Fri,
	2:00am - 7:00am	Sat,
	2:00am - 8:00am	Sun.

The North Upper Roadway was closed as follows:

05/19-05/21:	11:00pm Friday – 6:00am Saturday,
	11:00pm Saturday – 10:00am Sunday.
06/17-06/18:	11:00pm Saturday – 10:00am Sunday.

The North Upper Roadway was also closed intermittently as follows:

All 2006:	1:00am - 5:00am	Mon-Fri,
	1:00am - 6:00am	Sat,
	1:00am - 7:00am	Sun.

The South Outer Roadway was closed intermittently as follows:

All 2006:	1:00am - 6:00am	Mon-Fri,
	1:00am - 7:00am	Sat.

## **Queensboro Bridge Operation: All 2006.**

North Inner Roadway: W/B all times; W/B trucks required to use this roadway.



South Inner Roadway: E/B all times; E/B trucks required to use this roadway.  
 North Upper Roadway: W/B all times.  
 South Upper Roadway: Closed for reversal 5:30-6:00am weekdays,  
 W/B HOVs 6:00-10:00am weekdays,  
 Closed for reversal 10:00-11:00am weekdays,  
 E/B all other times.  
 North Outer Roadway: Bicyclists and pedestrians all times.  
 South Outer Roadway: E/B all times (passenger cars only).

Throughout 2006, there were additional intermittent closings of single lanes on individual roadways of the Queensboro Bridge during off-peak hours.

### ***Williamsburg Bridge***

Throughout 2006, there were a minimum of four peak direction lanes on weekdays.

Throughout 2006, trucks were permitted only on the Outer Roadways.

From January 1 to September 15, the south foot walk was closed, and the north foot walk was open for pedestrians and bicyclists.

As of September 16, the north foot walk was closed, and the south foot walk was re-opened for pedestrians and bicyclists.

The North Outer Roadway was closed as follows:

08/12: 5:00am - 8:00pm Sat.  
 09/09-09/10 5:00am - 8:00pm Sat–Sun.  
*Manhattan-bound trucks banned from the bridge.*

The South Outer Roadway was closed as follows:

06/01-06/15: Round-the-clock All days.  
 07/22: 5:00am - 8:00pm Sat.  
 09/16-09/17: 5:00am - 8:00pm Sat.  
*Brooklyn-bound trucks detoured to the Manhattan Bridge during these times.*

The South Inner Roadway was closed as follows:

07/29-08/06: 5:00am - 3:00pm Sat–Sun.  
 08/19-08/20: 5:00am - 3:00pm Sat–Sun.

### **Williamsburg Bridge Operation: January 1 – October 15, 2006.**

- **Mon-Fri Midnight - 5:00am.**  
     Manhattan-bound: 3 lanes.                      *One lane closed in*  
     Brooklyn-bound: 3 lanes.                      *each direction.*
- **Mon-Fri 5:00am – 10:00am.**  
     Manhattan-bound: 4 lanes.  
     Brooklyn-bound: 2 lanes.

- **Mon-Fri 10:00am - 3:00pm.**  
     Manhattan-bound: 3 lanes.  
     Brooklyn-bound: 2 lanes.  
     *1 westbound lane closed,  
     2 eastbound lanes closed.*
- **Mon-Fri 3:00pm – Midnight.**  
     Manhattan-bound: 4 lanes.  
     Brooklyn-bound: 4 lanes.
- **Sat-Sun 1:00am - 8:00am.**  
     Manhattan-bound: 3 lanes.  
     Brooklyn-bound: 3 lanes.  
     *One lane closed in  
     each direction.*
- **All other times.**  
     Manhattan-bound: 4 lanes.  
     Brooklyn-bound: 4 lanes.

**Williamsburg Bridge Operation: October 16 – October 20, 2006.**

- **Mon-Fri Midnight – 5:00am.**  
     Manhattan-bound: 3 lanes.  
     Brooklyn-bound: 3 lanes.  
     *One lane closed in  
     each direction.*
- **Mon-Fri 6:00am – 10:00am.**  
     Manhattan-bound: 6 lanes.  
     Brooklyn-bound: 2 lanes.
- **Mon-Fri 10:00am – 3:00pm.**  
     Manhattan-bound: 4 lanes.  
     Brooklyn-bound: 2 lanes.
- **Mon-Fri 3:00pm – Midnight.**  
     Manhattan-bound: 4 lanes.  
     Brooklyn-bound: 4 lanes.
- **Sat-Sun 1:00am – 8:00am.**  
     Manhattan-bound: 3 lanes.  
     Brooklyn-bound: 3 lanes.  
     *One lane closed in  
     each direction.*
- **All other times.**  
     Manhattan-bound: 4 lanes.  
     Brooklyn-bound: 4 lanes.

**Williamsburg Bridge Operation: October 21 – December 31, 2006.**

- **Mon-Fri 6:00am – 10:00am.**  
     Manhattan-bound: 6 lanes.  
     Brooklyn-bound: 2 lanes.
- **Mon-Fri 10:00am – 3:00pm.**  
     Manhattan-bound: 4 lanes.  
     Brooklyn-bound: 2 lanes.
- **All other times.**  
     Manhattan-bound: 4 lanes.  
     Brooklyn-bound: 4 lanes.

## ***Macombs Dam Bridge***

There were intermittent closures of one of two lanes in each direction on the Macombs Dam Bridge and the 155<sup>th</sup> Street viaduct as follows.

01/01-10/30:	10:00am - 3:00pm	Mon-Fri.	<i>No closures within two hours of Yankee home games.</i>
	10:00pm - 6:00am	Mon-Fri.	
	12:01am - 8:00am	Sat.	
	1:00am - 9:00am	Sun.	

Full closures of the Macombs Dam Bridge also occurred (as required) during the following times.

01/01-10/30:	12:01am - 5:00am	Mon-Fri.	<i>No closures within two hours of Yankee home games.</i>
	1:00am - 6:00am	Sat-Sun.	

## ***Madison Avenue Bridge***

From January 1 to October 30, lane closures were in effect as necessary on the Madison Avenue Bridge as follows:

<b>Eastbound:</b>	7:00am - 3:00pm	Mon-Fri.	1 E/B lane closed intermittently.
	11:00pm - 5:00am	Mon-Fri.	1 E/B lane closed intermittently.
	7:00am - 3:00pm	Sat-Sun.	1 E/B lane closed intermittently.
	<i>No lane closures during Yankee home games.</i>		
<b>Westbound:</b>	10:00am - 4:00pm	Mon-Fri.	1 W/B lane closed intermittently.
	11:00pm - 5:00am	Mon-Fri.	1 W/B lane closed intermittently.
	7:00am - 3:00pm	Sat-Sun.	1 W/B lane closed intermittently.
	<i>No lane closures during Yankee home games.</i>		

## ***Third Avenue Bridge (Harlem River)***

The Third Avenue Bridge was completely closed (as needed) according to the following schedule.

01/01-10/30:	12:01am – 5:00am	Mon–Fri.	<i>Bridge fully closed as needed.</i>
	1:00am – 6:00am	Sat-Sun.	
<i>Full closures as needed, with one lane reversed to Manhattan-bound on the Willis Avenue Bridge. No full closures during NY Yankee home night games.</i>			
12/06-12/07:	12:01am – 5:00am	Wed–Thu.	<i>Bridge fully closed.</i>
<i>One lane reversed to Manhattan-bound on the Willis Avenue Bridge.</i>			

On January 20, from 12:01am to 5:00am, the exit to Second Avenue was closed, with traffic rerouted to the Lexington Avenue exit.

Throughout 2006,, there were additional intermittent closings of one of the four lanes on the Third Avenue Bridge during off-peak hours.

## ***Willis Avenue Bridge***

One lane was reversed to Manhattan-bound during full closures of the Third Avenue Bridge.

Throughout 2006, there were intermittent lane closings during off-peak hours.

### ***145<sup>th</sup> Street Bridge***

There were intermittent closures of one of two eastbound lanes as follows.

01/01-03/15: 7:00am - 3:00pm Mon-Fri.

There were intermittent closures of one of two westbound lanes as follows.

01/01-03/15: 9:00am - 5:30pm Mon-Fri.

As of March 16, the north side of the bridge was completely closed round-the-clock, with one traffic lane in each direction, plus a pedestrian sidewalk, maintained on the south side of the bridge.

The entire bridge was completely closed as follows:

05/30-06/02: 11:00pm – 5:00am Tue–Fri.

10/14-10/22: 11:00pm – 5:00am Mon–Fri, *Full closures*  
1:00am – 6:00am Sat–Sun. *as needed.*

11/01-12/31: Round-The-Clock All Days.  
*Entire bridge fully closed round-the clock to vehicular and pedestrian/bicycle traffic.*

### ***Kosciuszko Bridge***

There were intermittent eastbound lane closures as follows:

05/13-08/18: 10:30pm – 5:00am Weeknights. 1 E/B lane closed intermittently.

08/19-12/31: 10:30pm – 5:00am Weeknights. 1 E/B lane closed intermittently,  
12:01am – 5:00am Weeknights. 2 E/B lanes closed intermittently.

### ***Pelham Bridge***

From December 9 to December 31, there were intermittent closures of one lane in either direction on weekdays between 10:00am and 2:00pm.

### ***Hamilton Avenue Bridge***

Throughout 2006, there were intermittent lane closures in both directions during off-peak hours. There were also periodic overnight closures of one roadway, with 2-way traffic maintained on the other roadway.

### ***Metropolitan Avenue Bridge***

Full closures of the bridge (as needed) occurred according to the following schedule.

01/01-08/18: 10:00pm - 5:00am All days Intermittent full closures.

From November 4 to November 10, there were intermittent weekday closures of one of two lanes in each direction between 10:00am and 2:00pm.

### ***Mill Basin Bridge***

Lane closures were in effect on the Mill Basin Bridge as follows.

01/14–02/10:	10:00am – 2:00pm	Mon–Fri	1 lane closed each way as needed.
02/11–03/17:	10:00am – 2:00pm	Mon–Fri	1 lane closed each way as needed,
	11:00pm – 5:00am	Mon–Fri	1 lane closed each way as needed.
03/18–05/12:	10:00am – 3:00pm	Mon–Fri	1 lane closed each way as needed,
	10:00pm – 5:00am	Mon–Fri	1 lane closed each way as needed,
	10:00pm Fri – 7:00am Sat		1 lane closed each way as needed,
	10:00pm Sat – 11:00am Sun		1 lane closed each way as needed.
05/13–12/31:	10:00pm – 5:00am	Mon–Fri	1 lane closed each way as needed,
	11:00pm Fri – 7:00am Sat		1 lane closed each way as needed,
	1:00am – 5:00am	Mon–Fri	2 lanes closed each way as needed.

### ***Ninth Street Bridge***

The Ninth Street Bridge was completely closed as follows:

12/05–12/06: 11:00pm Tuesday – 5:00am Wednesday.

### ***Third Avenue Bridge***

As of November 25, capacity was limited to a single lane in each direction.

### ***Third Street Bridge***

The Third Street Bridge was completely closed as follows:

08/07–08/08: 10:00pm Monday – 5:00am Tuesday.

09/11–09/15: 11:00pm – 5:00am Mon–Fri.

### ***Roosevelt Avenue Bridge***

From June 3 to July 21, there were intermittent closures of one lane in each direction on weekdays between 10:00am and 2:00pm.

### ***Whitestone Expressway Bridge***

Throughout 2006, intermittent lane closures were in effect on the Whitestone Expressway between the Whitestone Expressway Bridge and the Bronx-Whitestone Bridge according to the following schedule.

01/01–12/31:	10:00am – 3:00pm	Mon–Fri	1 lane closed intermittently each way.
	10:00pm – 5:00am	Mon–Fri	1 lane closed intermittently each way.
	10:00pm Fri – 6:00am Sat		1 lane closed intermittently each way.
	10:00pm Sat – 11:00am Sun		1 lane closed intermittently each way.
	1:00am – 5:00am	Tue–Fri	2 lanes closed intermittently each way.

1:00am – 6:00am	Sat	2 lanes closed intermittently each way.
2:00am – 9:00am	Sun	2 lanes closed intermittently each way.

### ***Brooklyn-Battery Tunnel***

Throughout 2006, the inbound **exit to Trinity Place** was closed weekdays between 6:00-10:00am, and between 3:00-7:00pm.

One of the two tubes was closed intermittently according to the following schedule.

All 2006:      9:00pm - 5:00am      Sunday nights to Friday mornings,  
*One tube closed intermittently.*  
*Two-way traffic maintained in the other tube during these closures.*

### ***Queens-Midtown Tunnel***

Throughout 2006, there were intermittent closures of single lanes in both directions during off-peak hours.

### ***Triborough Bridge***

Lane closures were in effect on the Harlem River lift span according to the following schedule.

01/01–02/17:	10:00am – 2:30pm	Mon–Fri	1 Manhattan-bound lane closed.
	7:00am – 2:30pm.	Mon–Fri	1 Brx/Qns-bound lane closed.
02/18–12/31:	10:00am – 3:00pm	Mon–Fri	1 Manhattan-bound lane closed.
	7:00am – 3:00pm.	Mon–Fri	1 Brx/Qns-bound lane closed.

Lane closures were in effect on the main span according to the following schedule.

All 2006:	5:00am – 3:00pm	Mon–Fri	1 westbound lane closed.
	9:00pm – 5:00am.	Mon–Fri	2 westbound lanes closed.

Throughout 2006, one of two lanes on the southbound Bruckner Expressway approach to the bridge was closed round-the-clock.

On the weekends of February 18-20 and February 25-27, the following conditions existed on the Queens approaches to the Triborough Bridge between 12:01am Saturdays and 5:00am Mondays.

- One lane on the eastbound Grand Central Parkway was closed between 31<sup>st</sup> and 49<sup>th</sup> Streets. Two lanes were maintained between the Triborough Bridge and the Brooklyn-Queens Expressway.
- Two lanes on the westbound Grand Central Parkway were closed between 49<sup>th</sup> Street and the Triborough Bridge approach. One lane was maintained between the Brooklyn-Queens Expressway and Triborough Bridge.
- The ramp from the eastbound Brooklyn-Queens Expressway to the westbound Grand Central Parkway (to the Triborough Bridge) was closed.

### ***Bronx-Whitestone Bridge***

From January 1 to September 16, one lane was closed on the bridge at all times, with five lanes remaining open to traffic. On weekdays, between 6:00-10:00am, three northbound and two southbound lanes were maintained; between 3:00-10:00pm, three southbound and two northbound lanes were maintained.

One lane was closed in each direction as follows:

07/05–07/08: 11:00pm Wednesday – 8:00am Saturday.

07/09–07/14: 11:00pm Sunday – 3:00pm Friday.

09/11–09/16: 10:00pm – 6:00am Mon–Sat.

Two lanes were closed in each direction as follows:

09/11–09/16: 1:00am – 6:00am Mon–Sat.

The bridge was completely closed in the Queens-bound direction as follows:

09/11–09/16: 12:01am – 6:00am Mon–Sat.

### ***Marine Parkway Bridge***

From January 1 to February 17, one of two lanes in each direction was closed round-the-clock, and wide loads were prohibited from the bridge.

From February 18 to December 31, one of two southbound lanes to Queens was closed weekdays between 7:00am-3:00pm.

### ***Throgs Neck Bridge***

Throughout 2006, there were intermittent closures of single lanes on the Throgs Neck Bridge during off-peak hours.

### ***Verrazano-Narrows Bridge***

Throughout 2006, **trucks** were required to use the upper level.

**Westbound lane closures** were in effect on the Verrazano-Narrows Bridge according to the following schedule.

01/01-02/17:	7:00am - 2:00pm	Mon-Thu	2 w/b lower level lanes and 1 w/b upper level lane closed intermittently.
	7:00am - 1:00pm	Fri	2 w/b lower level lanes and 1 w/b upper level lane closed intermittently.

The **eastbound lower roadway** was closed to facilitate bridge painting according to the following schedule.

01/01-02/17: 10:00pm – 6:00am Weeknights.

02/18-12/31: 9:00pm – 5:00am Weeknights.

Throughout 2006, there were additional intermittent closures of single lanes in both directions on the Verrazano-Narrows Bridge roadways during off-peak hours.

### ***George Washington Bridge***

Throughout 2006, **trucks** were required to use the upper level.

Three lanes on the upper level were closed in each direction from 10:00pm Friday, March 31, through 10:00am Saturday, April 1, and again from 10:00pm Saturday, April 1, through 10:00am Sunday, April 2, leaving only one lane open in each direction. During these working hours, there were also intermittent full roadway closures in both directions as the beams were removed. The Port Authority of New York and New Jersey (PANYNJ) encouraged motorists, except commercial vehicles that must use the upper level, to use the lower level or the Lincoln Tunnel as an alternate crossing. In addition to the upper level closures, Henry Hudson Parkway ramp traffic was diverted to the lower level, and the Palisades Parkway entrance was closed with traffic diverted to the lower level through a local Fort Lee Street (Fletcher Avenue).

Throughout 2006, there were additional intermittent closures of single lanes on the various George Washington Bridge roadways and ramps during off-peak hours.

### ***Holland Tunnel***

Throughout 2006, all eastbound (to Manhattan) commercial traffic was banned from the tunnel.

Throughout 2006, the tunnel was open westbound to New Jersey for passenger cars, buses, and two-axle and three-axle single unit trucks. Tractor trailers, and single unit trucks with more than three axles, were not permitted.

Westbound (to New Jersey) lane closures were in effect in the Holland Tunnel as follows.

01/01-02/17:	10:30pm - 5:30am	Mon-Fri.	1 w/b lane closed.
	12:01am - 8:00am	Sat.	1 w/b lane closed.
02/18-12/31:	11:30pm - 5:30am	Mon-Fri.	1 w/b lane closed.
	12:01am - 8:00am	Sat.	1 w/b lane closed.

Throughout 2006, there were also intermittent closures of one eastbound lane during off-peak hours.

### ***Lincoln Tunnel***

One of the three tubes of the Lincoln Tunnel was closed as follows.

All 2006:	11:00pm - 5:00am	Mon-Fri.	<i>Two tubes open, providing two traffic lanes in each direction.</i>
	1:00am - 9:00am	Sat.	
	1:00am - 10:00am	Sun.	

### ***Bayonne Bridge***

From January 1 to February 3, one of the two lanes in each direction was closed intermittently on weekdays between 6:30am and 4:00pm.



## ***Goethals Bridge***

From January 1 to March 5, there were intermittent closures of one of the two lanes in either or both directions during off-peak hours.

The Goethals Bridge was completely **closed eastbound to Staten Island as necessary** during the following times:

03/06-11/24: 9:30pm – 5:00am Monday nights – Friday mornings,  
11:59pm Friday – 8:00am Saturday.

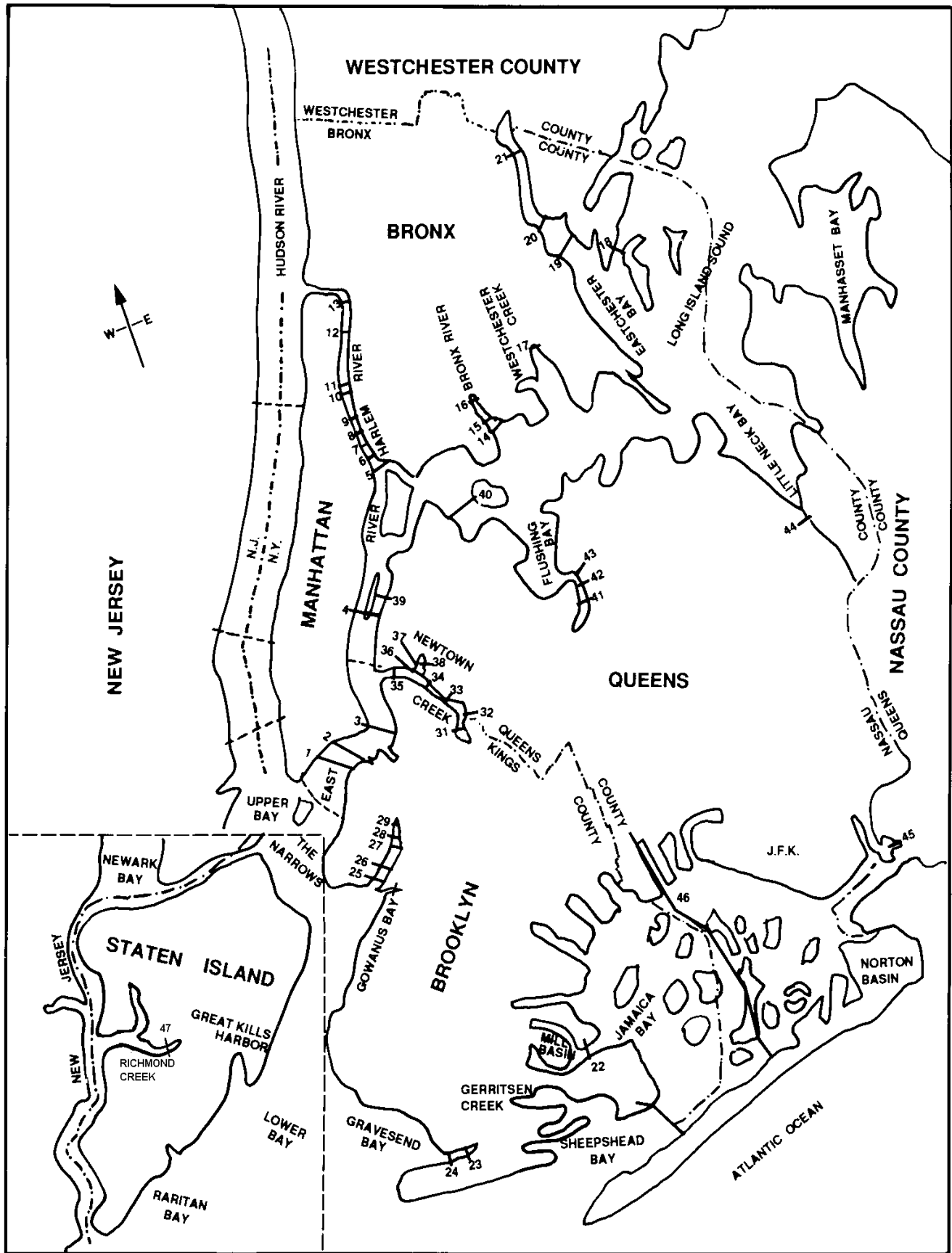
*No closures on Saturday nights, Sunday nights, or holiday weekends.*

## ***Outerbridge Crossing***

Throughout 2006, there were intermittent closures of one of the two lanes in either or both directions during off-peak hours.

# Bridges Maintained by the New York City Department of Transportation

Number	Bridge Name	Borough	Water Crossing
1.	Brooklyn Bridge	Manhattan-Brooklyn	East River
2.	Manhattan Bridge	Manhattan-Brooklyn	East River
3.	Williamsburg Bridge	Manhattan-Brooklyn	East River
4.	Queensboro Bridge	Manhattan-Queens	East River
5.	Willis Avenue Bridge	Manhattan-Bronx	Harlem River
6.	Third Avenue Bridge	Manhattan-Bronx	Harlem River
7.	Madison Avenue Bridge	Manhattan-Bronx	Harlem River
8.	145th Street Bridge	Manhattan-Bronx	Harlem River
9.	Macombs Dam Bridge	Manhattan-Bronx	Harlem River
10.	Alexander Hamilton Bridge	Manhattan-Bronx	Harlem River
11.	Washington Bridge	Manhattan-Bronx	Harlem River
12.	University Heights Bridge	Manhattan-Bronx	Harlem River
13.	Broadway Bridge	Manhattan-Bronx	Harlem River
14.	Eastern Boulevard Bridge	Bronx	Bronx River
15.	Westchester Avenue Bridge	Bronx	Bronx River
16.	East 174th Street Bridge	Bronx	Bronx River
17.	Unionport Bridge	Bronx	Westchester Creek
18.	City Island Bridge	Bronx	Pelham Bay Narrows
19.	Pelham Bridge	Bronx	Eastchester Creek
20.	Hutchinson River Parkway Bridge	Bronx	Eastchester Creek
21.	Eastchester Bridge	Bronx	Eastchester Creek
22.	Mill Basin Bridge	Brooklyn	Mill Basin
23.	Stillwell Avenue Bridge	Brooklyn	Coney Island Creek
24.	Cropsey Avenue Bridge	Brooklyn	Coney Island Creek
25.	Hamilton Avenue Bridge	Brooklyn	Gowanus Canal
26.	Ninth Street Bridge	Brooklyn	Gowanus Canal
27.	Third Street Bridge	Brooklyn	Gowanus Canal
28.	Carroll Street Bridge	Brooklyn	Gowanus Canal
29.	Union Street Bridge	Brooklyn	Gowanus Canal
30.	Third Avenue Bridge	Brooklyn	Fifth Street Basin
31.	Metropolitan Avenue Bridge	Brooklyn	English Kills
32.	Grand Street Bridge	Brooklyn-Queens	Newtown Creek
33.	Kosciuszko Bridge	Brooklyn-Queens	Newtown Creek
34.	Greenpoint Avenue Bridge	Brooklyn-Queens	Newtown Creek
35.	Pulaski Bridge	Brooklyn-Queens	Newtown Creek
36.	Borden Avenue Bridge	Queens	Dutch Kills
37.	Midtown Highway Bridge	Queens	Dutch Kills
38.	Hunters Point Avenue Bridge	Queens	Dutch Kills
39.	Roosevelt Island Bridge	Queens	East River East Channel
40.	Rikers Island Bridge	Queens	Rikers Island Channel
41.	Roosevelt Avenue Bridge	Queens	Flushing River
42.	Flushing Bridge	Queens	Flushing Channel
43.	Whitestone Expressway Bridge	Queens	Flushing Channel
44.	Little Neck Bridge	Queens	Alley Creek
45.	Hook Creek Bridge	Queens	Hook Creek
46.	North Channel Bridge	Queens	Jamaica Bay
47.	Fresh Kills Bridge	Staten Island	Richmond Creek



**Total NYC Toll Free Bridges**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<i><b>Year</b></i>	<i><b>East River</b></i>	<i><b>Harlem River</b></i>	<i><b>Brooklyn- Queens</b></i>	<i><b>Bronx</b></i>
1948	254,068	207,177	76,884	141,247
1949	260,933	193,510	65,778	135,682
1950	240,227	222,671	78,998	150,973
1951	269,352	249,199	95,480	145,227
1952	261,704	222,196	108,369	183,453
1953	292,726	248,629	108,718	177,999
1954	297,903	236,056	118,199	183,057
1955	293,633	250,239	116,018	180,249
1956	297,866	266,781	120,881	197,809
1957	297,028	316,530	137,610	184,031
1958	304,470	329,747	110,097	196,948
1959	312,431	342,349	144,137	188,531
1960	322,660	345,199	135,059	205,757
1961	316,813	333,463	145,861	259,905
1962	318,170	313,230	160,540	263,020
1963	333,880	309,090	160,400	291,240
1964	341,030	407,680	172,570	328,190
1965	353,518	401,259	171,379	351,358
1966	355,745	402,487	198,884	354,029
1967	352,936	427,744	197,695	337,982
1968	357,232	362,095	147,024	389,519
1969	379,416	412,992	199,029	378,854
1970	371,743	429,690	194,709	366,604
1971	364,070	432,195	200,624	391,040
1972	390,292	422,364	200,199	345,542
1973	394,290	449,670	168,037	272,116
1974	394,631	439,112	180,771	282,009
1975	404,379	440,354	194,534	284,772
1976	398,248	429,629	190,701	280,315
1977	398,140	442,200	192,432	268,480
1978	400,146	450,758	194,721	301,248
1979	382,028	427,816	201,314	277,666
1980	392,460	446,292	196,019	284,383
1981	395,125	448,323	201,487	287,933
1982	414,984	470,785	179,788	291,600
1983	413,152	491,153	221,703	301,686
1984	428,541	496,949	224,209	306,019
1985	476,032	538,263	225,050	311,072
1986	469,711	546,896	224,816	356,257
1987	460,092	530,228	238,975	362,490
1988	460,858	520,282	222,871	364,570
1989	461,102	539,381	239,889	354,927
1990	448,713	539,563	243,408	343,574
1991	447,969	533,368	236,472	338,921
1992	443,145	537,353	231,197	343,744
1993	431,874	542,306	230,020	336,776
1994	448,263	526,044	231,657	340,515
1995	464,903	521,882	237,305	348,009
1996	463,482	530,950	239,752	361,505
1997	511,410	546,750	258,585	362,846
1998	523,690	560,062	268,324	392,771
1999	516,507	563,182	266,762	403,934
2000	514,767	578,770	279,944	424,946
2001	427,321	568,759	276,288	439,239
2002	467,080	551,831	262,121	437,363
2003	493,418	549,510	275,737	448,186
2004	507,589	552,421	275,654	453,006
2005	498,213	561,392	280,189	459,149
2006	494,576	557,043	265,298	456,001

**Total NYC Toll Free Bridges (continued)**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<i><b>Year</b></i>	<i><b>Brooklyn</b></i>	<i><b>Queens</b></i>	<i><b>Staten Island</b></i>	<i><b>Totals</b></i>
1948	91,917	147,106	5,597	923,996
1949	111,439	173,925	5,759	947,026
1950	122,058	180,610	6,250	1,001,787
1951	140,124	200,163	8,023	1,107,568
1952	127,050	212,687	7,891	1,123,350
1953	141,728	220,866	7,858	1,198,524
1954	154,877	221,700	9,098	1,220,890
1955	140,907	218,696	9,841	1,209,583
1956	157,758	265,239	9,415	1,315,749
1957	153,756	261,111	9,897	1,359,963
1958	179,537	256,536	10,121	1,387,456
1959	176,508	264,201	8,573	1,436,730
1960	181,995	259,348	8,147	1,458,165
1961	207,273	265,848	10,270	1,539,433
1962	217,232	257,140	9,400	1,538,732
1963	210,610	288,190	12,450	1,605,860
1964	213,469	312,090	15,010	1,790,039
1965	241,570	310,588	15,539	1,845,211
1966	223,516	313,379	17,175	1,865,215
1967	211,307	354,637	17,309	1,899,610
1968	248,667	387,512	19,789	1,911,838
1969	251,115	387,146	22,379	2,030,931
1970	238,020	400,381	21,631	2,022,778
1971	241,116	402,853	26,744	2,058,642
1972	240,091	387,808	28,455	2,014,751
1973	226,608	407,538	37,213	1,955,472
1974	240,762	403,573	36,207	1,977,065
1975	234,623	390,507	38,684	1,987,853
1976	237,416	387,662	34,675	1,958,646
1977	228,117	387,403	30,295	1,947,067
1978	226,627	410,037	34,467	2,018,004
1979	247,018	393,749	36,806	1,966,397
1980	242,682	384,581	41,604	1,988,021
1981	240,109	432,886	46,947	2,052,810
1982	258,284	439,128	68,481	2,123,050
1983	253,358	446,926	46,450	2,174,428
1984	274,583	449,118	50,341	2,229,760
1985	275,566	450,396	53,590	2,329,969
1986	271,818	456,171	44,230	2,369,899
1987	271,080	466,965	50,372	2,380,202
1988	281,731	473,735	50,385	2,374,432
1989	299,865	461,819	36,550	2,393,533
1990	320,122	450,319	53,442	2,399,141
1991	273,185	466,539	49,197	2,345,651
1992	310,084	484,835	48,507	2,398,865
1993	308,495	467,195	49,969	2,366,635
1994	302,135	478,793	48,562	2,375,969
1995	300,832	474,342	47,132	2,394,405
1996	315,395	495,873	49,740	2,456,697
1997	318,101	503,323	51,738	2,552,753
1998	322,057	522,899	53,770	2,643,573
1999	338,261	541,114	65,577	2,695,337
2000	331,090	551,329	66,980	2,747,826
2001	335,404	551,116	67,465	2,665,592
2002	329,749	554,458	64,563	2,667,165
2003	331,805	562,107	66,155	2,726,918
2004	335,921	549,619	64,705	2,738,915
2005	331,523	560,520	66,816	2,757,802
2006	328,620	552,642	65,274	2,719,454

**NYC Tolled Facilities**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<i>Year</i>	<i>MTABT Manhattan</i>	<i>PANYNJ Manhattan</i>	<i>MTABT Outer Boro</i>	<i>PANYNJ Staten Is</i>	<i>Total</i>
1948	92,977	115,785	80,977	13,214	302,953
1949	110,071	129,943	97,117	14,628	351,759
1950	161,856	146,653	109,454	16,431	434,394
1951	180,272	166,150	124,391	18,335	489,148
1952	194,327	181,253	133,747	19,143	528,470
1953	200,535	194,577	143,873	20,598	559,583
1954	204,616	202,394	153,811	21,554	582,375
1955	216,835	211,926	167,176	22,685	618,622
1956	231,535	213,088	176,644	22,202	643,469
1957	236,343	218,623	176,042	22,614	653,622
1958	232,413	221,494	174,187	21,953	650,047
1959	231,501	237,021	183,224	22,978	674,724
1960	230,768	239,620	184,606	22,856	677,850
1961	227,241	236,833	144,600	25,374	634,048
1962	233,010	250,646	199,418	26,338	709,412
1963	225,100	265,603	213,940	27,398	732,041
1964	236,513	285,824	236,709	29,980	789,026
1965	240,949	293,339	301,459	44,828	880,575
1966	243,107	303,981	316,984	50,978	915,050
1967	244,038	308,153	329,918	54,051	936,160
1968	247,924	320,292	352,823	58,654	979,693
1969	254,863	329,123	365,734	63,053	1,012,773
1970	271,063	347,838	384,121	68,920	1,071,942
1971	286,692	362,063	401,495	74,758	1,125,008
1972	252,871	378,620	388,743	77,018	1,097,252
1973	251,593	397,203	402,096	81,034	1,131,926
1974	242,846	376,547	395,168	80,544	1,095,105
1975	214,120	374,707	381,450	81,060	1,051,337
1976	217,207	381,250	382,313	80,864	1,061,634
1977	229,766	385,013	384,470	85,536	1,084,785
1978	241,125	399,512	398,634	88,998	1,128,269
1979	251,544	393,724	395,516	92,164	1,132,948
1980	255,858	404,734	399,855	97,774	1,158,221
1981	269,854	427,381	417,974	101,644	1,216,853
1982	253,499	433,744	432,273	106,672	1,226,188
1983	263,510	441,164	446,596	113,786	1,265,056
1984	262,985	453,775	457,565	118,928	1,293,253
1985	275,858	468,452	475,782	126,466	1,346,558
1986	274,693	485,751	475,218	138,436	1,374,098
1987	289,642	486,639	482,429	139,734	1,398,444
1988	293,550	490,179	494,073	143,062	1,420,864
1989	275,358	487,693	475,447	140,051	1,378,549
1990	289,066	482,243	488,042	138,340	1,397,691
1991	295,265	467,501	488,953	141,454	1,393,173
1992	300,203	476,872	491,171	145,380	1,413,626
1993	282,159	473,069	478,703	140,775	1,374,706
1994	263,351	473,799	490,288	143,875	1,371,313
1995	293,574	482,098	498,104	143,657	1,417,433
1996	281,116	493,194	493,813	146,565	1,414,688
1997	283,686	504,788	488,923	151,578	1,428,975
1998	293,990	522,512	515,970	156,786	1,489,258
1999	303,966	549,352	522,677	166,890	1,542,885
2000	313,504	548,465	537,334	164,668	1,563,971
2001	257,937	458,944	551,948	177,251	1,446,080
2002	305,300	532,839	554,237	179,140	1,571,516
2003	307,034	547,449	547,068	174,582	1,576,133
2004	312,159	536,396	559,962	174,268	1,582,785
2005	297,411	527,717	530,284	171,653	1,527,065
2006	317,751	537,748	560,727	175,914	1,592,140

PANYNJ one-way tolls initiated 8/12/1970

PANYNJ toll increases May 1975, January 1984, April 1987, April 1991, March 2001

MTABT Toll Increases 1/72, 9/75, 5/80, 4/82, 1/84, 1/86, 2/87, 7/89, 1/93, 3/96, 5/03, & 3/05.

**2005-2006 Traffic Volume Trends**  
**N.Y.C. Bridges and Tunnels**  
**Both Directions**  
**Page 1 of 3**

<b><i>EAST RIVER BRIDGES</i></b>	<b>Highway Functional Classification</b>	<b>2005</b>	<b>2006</b>	<b>Percent Change</b>
Brooklyn	Principal Arterial	132,210	126,805	- 4.1 %
Manhattan	Principal Arterial	80,363	74,621	- 7.1 %
Queensboro	Principal Arterial	178,610	186,110	4.2 %
Williamsburg	Principal Arterial	107,030	107,040	0.0 %
<b>Total East River</b>		<b>498,213</b>	<b>494,576</b>	<b>- 0.7 %</b>

***HARLEM RIVER BRIDGES***

Alexander Hamilton	Interstate	181,566	190,183	4.7 %
Broadway	Principal Arterial	35,698	33,551	- 6.0 %
Macombs Dam	Principal Arterial	40,112	39,878	- 0.6 %
Madison Avenue	Principal Arterial	48,397	43,805	- 9.5 %
Third Avenue	Principal Arterial	60,152	61,874	2.9 %
University Heights	Principal Arterial	44,938	42,118	- 6.3 %
Washington	Minor Arterial	58,019	57,689	- 0.6 %
Willis Avenue	Principal Arterial	66,708	66,212	- 0.7 %
145th Street	Minor Arterial	25,802	21,733	- 15.8 %

<b>Total Harlem River</b>		<b>561,392</b>	<b>557,043</b>	<b>- 0.8 %</b>
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***BROOKLYN-QUEENS BRIDGES***

Grand Street	Principal Arterial	13,016	12,893	- 0.9 %
Greenpoint Avenue	Principal Arterial	29,449	29,840	1.3 %
Kosciuszko	Interstate	198,813	184,341	- 7.3 %
Pulaski	Principal Arterial	38,911	38,224	- 1.8 %

<b>Total Brooklyn-Queens</b>		<b>280,189</b>	<b>265,298</b>	<b>- 5.3 %</b>
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***BRONX BRIDGES***

City Island	Minor Arterial	15,297	15,339	0.3 %
East 174th Street	Minor Arterial	13,632	13,662	0.2 %
Eastchester	Principal Arterial	22,318	20,890	- 6.4 %
Eastern Boulevard	Interstate	183,743	182,579	- 0.6 %
Hutchinson River	Principal Arterial	118,387	120,599	1.9 %
Pelham	Minor Arterial	17,972	16,749	- 6.8 %
Unionport	Principal Arterial	60,605	61,262	1.1 %
Westchester Avenue	Principal Arterial	27,195	24,921	- 8.4 %

<b>Total Bronx</b>		<b>459,149</b>	<b>456,001</b>	<b>- 0.7 %</b>
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**2005-2006 Traffic Volume Trends**  
**N.Y.C. Bridges and Tunnels**  
**Both Directions**  
**Page 2 of 3**

<b>BROOKLYN BRIDGES</b>	<b>Highway Functional Classification</b>	<b>2005</b>	<b>2006</b>	<b>Percent Change</b>
Carroll Street	Local	1,101	1,068	- 3.0 %
Cropsey Avenue	Principal Arterial	36,132	35,398	- 2.0 %
Hamilton Avenue	Principal Arterial	59,885	55,526	- 7.3 %
Metropolitan Avenue	Principal Arterial	35,113	38,130	8.6 %
Mill Basin	Principal Arterial	143,158	143,917	0.5 %
Ninth Street	Minor Arterial	11,393	11,143	- 2.2 %
Stillwell Avenue	Principal Arterial	10,166	11,158	9.8 %
Third Avenue	Principal Arterial	20,046	18,403	- 8.2 %
Third Street	Minor Arterial	10,108	9,487	- 6.1 %
Union Street	Minor Arterial	4,421	4,390	- 0.7 %
<b>Total Brooklyn</b>		<b>331,523</b>	<b>328,620</b>	<b>- 0.9 %</b>

**QUEENS BRIDGES**

Borden Avenue	Minor Arterial	16,362	16,157	- 1.3 %
Flushing	Principal Arterial	62,692	61,143	- 2.5 %
Hook Creek	Principal Arterial	73,344	73,767	0.6 %
Hunters Point	Collector	7,390	7,262	- 1.7 %
Little Neck	Principal Arterial	52,475	48,345	- 7.9 %
Midtown Highway	Interstate	89,559	83,379	- 6.9 %
North Channel	Principal Arterial	24,035	23,254	- 3.2 %
Rikers Island	Collector	13,811	13,146	- 4.8 %
Roosevelt Avenue	Principal Arterial	19,360	19,420	0.3 %
Roosevelt Island	Collector	9,929	9,685	- 2.5 %
Whitestone Expwy	Interstate	191,563	197,084	2.9 %
<b>Total Queens</b>		<b>560,520</b>	<b>552,642</b>	<b>- 1.4 %</b>

**STATEN ISLAND**

Fresh Kills	Principal Arterial	66,816	65,274	- 2.3 %
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<b>TOLL-FREE GRAND TOTALS</b>		<b>2,757,802</b>	<b>2,719,454</b>	<b>- 1.4 %</b>
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**2005-2006 Traffic Volume Trends**  
**N.Y.C. Bridges and Tunnels**  
**Both Directions**  
**Page 3 of 3**

<b>MTABT Manhattan Facilities</b>	<b>Highway Functional Classification</b>	<b>2005</b>	<b>2006</b>	<b>Percent Change</b>
Brooklyn-Battery Tunnel	Interstate	49,043	57,436	17.1 %
Henry Hudson Bridge	Principal Arterial	70,407	71,761	1.9 %
Queens-Midtown Tunnel	Interstate	86,063	89,972	4.5 %
Triborough Bridge Manhattan Plaza	Principal Arterial	91,898	98,582	7.3 %
<b>Total MTABT Manhattan</b>		<b>297,411</b>	<b>317,751</b>	<b>6.8 %</b>

**PANYNJ Manhattan Facilities**

George Washington Bridge	Interstate	304,302	312,078	2.6 %
Holland Tunnel	Interstate	96,960	98,425	1.5 %
Lincoln Tunnel	Principal Arterial	126,455	127,245	0.6 %
<b>Total Manhattan - New Jersey</b>		<b>527,717</b>	<b>537,748</b>	<b>1.9 %</b>

**MTABT Outer Borough Bridges**

Bronx-Whitestone	Interstate	105,059	110,708	5.4 %
Cross Bay	Minor Arterial	19,852	22,036	11.0 %
Marine Parkway	Minor Arterial	19,456	22,363	14.9 %
Throgs Neck	Interstate	114,973	116,427	1.3 %
Triborough Bridge Bronx Plaza	Interstate	77,257	81,840	5.9 %
Verrazano-Narrows	Interstate	193,687	207,353	7.1 %
<b>Total MTABT Outer Boroughs</b>		<b>530,284</b>	<b>560,727</b>	<b>5.7 %</b>

**PANYNJ Staten Island Bridges**

Bayonne	Principal Arterial	21,755	24,230	11.4 %
Goethals	Interstate	68,790	65,378	- 5.0 %
Outerbridge Crossing	Principal Arterial	81,108	86,306	6.4 %
<b>Total Staten Island - New Jersey</b>		<b>171,653</b>	<b>175,914</b>	<b>2.5 %</b>

# 10-Year Traffic Growth Rate Trends

## N.Y.C. Bridges 1956-2006

Page 1 of 3

<b>East River Bridges</b>	<b>1956-1966</b>	<b>1966-1976</b>	<b>1976-1986</b>	<b>1986-1996</b>	<b>1996-2006</b>
Brooklyn	8.8%	2.2%	2.1%	0.6%	- 0.8%
Manhattan	- 2.8%	0.1%	3.1%	0.4%	- 1.0%
Queensboro	2.9%	1.6%	0.4%	0.0%	0.2%
Williamsburg	- 0.5%	1.3%	2.8%	- 2.1%	1.1%
<b>Total</b>	<b>1.9%</b>	<b>1.4%</b>	<b>1.9%</b>	<b>- 0.2%</b>	<b>- 0.1%</b>

### Harlem River Bridges

Alexander Hamilton	<i>Opened Jan. 1963</i>	2.3%	1.9%	- 0.1%	0.4%
Broadway	0.5%	2.0%	2.2%	1.8%	- 0.7%
Macombs Dam	- 2.5%	0.2%	4.5%	- 2.0%	- 0.5%
Madison Avenue	- 4.5%	0.9%	2.7%	- 5.1%	6.4%
Third Avenue	2.9%	0.0%	1.9%	0.9%	- 3.0%
University Heights	- 1.6%	2.3%	0.5%	- 1.6%	1.9%
Washington	- 1.5%	3.8%	3.9%	1.2%	0.4%
Willis Avenue	1.9%	- 1.8%	3.1%	0.5%	- 0.8%
145th Street	- 1.3%	- 1.5%	3.1%	0.3%	- 0.8%
<b>Total</b>	<b>3.1%</b>	<b>1.0%</b>	<b>2.5%</b>	<b>- 0.2%</b>	<b>0.2%</b>

### Brooklyn-Queens Bridges

Grand Street	4.1%	- 8.0%	5.8%	0.4%	- 0.4%
Greenpoint Avenue	- 2.4%	- 0.4%	- 1.5%	7.0%	1.6%
Kosciuszko	7.4%	1.2%	2.1%	- 0.2%	0.4%
Pulaski	3.0%	- 1.5%	3.5%	- 1.6%	2.8%
<b>Total</b>	<b>4.8%</b>	<b>- 0.0%</b>	<b>1.9%</b>	<b>0.2%</b>	<b>0.8%</b>

### Bronx Bridges

City Island	7.5%	3.8%	2.2%	0.5%	0.1%
East 174th Street	3.2%	- 2.0%	2.3%	2.7%	1.9%
Eastchester	- 1.4%	6.0%	1.8%	- 1.1%	0.7%
Eastern Blvd	5.9%	5.0%	1.8%	- 1.8%	3.2%
Hutchinson River Pkwy	3.9%	0.3%	3.1%	0.3%	3.8%
Pelham	7.7%	1.4%	0.5%	6.0%	- 3.9%
Unionport	14.7%	-20.5%	3.8%	- 0.3%	3.0%
Westchester Avenue	8.9%	- 1.5%	1.6%	- 1.2%	0.2%
<b>Total</b>	<b>8.2%</b>	<b>- 3.1%</b>	<b>1.9%</b>	<b>- 0.4%</b>	<b>2.5%</b>

# 10-Year Traffic Growth Rate Trends

## N.Y.C. Bridges

1956-2006

Page 2 of 3

<b>Brooklyn Bridges</b>	<b>1956-1966</b>	<b>1966-1976</b>	<b>1976-1986</b>	<b>1986-1996</b>	<b>1996-2006</b>
Carroll Street	9.8%	-18.6%	<i>Closed 1980 &amp; 1986-1988</i>		- 1.6%
Cropsey Avenue	2.7%	1.4%	5.7%	- 1.7%	2.8%
Hamilton Avenue	3.7%	- 1.1%	4.0%	2.6%	- 1.8%
Metropolitan Avenue	5.1%	- 0.8%	6.4%	0.7%	- 0.4%
Mill Basin	6.1%	1.5%	0.6%	1.3%	0.4%
Ninth Street	3.0%	- 1.2%	1.6%	<i>Closed 1995-1998</i>	
Stillwell Avenue	3.9%	3.4%	<i>Closed 1983-1989</i>		1.7%
Third Avenue	0.6%	- 0.1%	2.1%	2.0%	- 1.1%
Third Street	3.2%	- 0.3%	<i>Closed '82-85</i>		- 0.5%
Union Street	0.9%	- 1.2%	8.2%	- 7.4%	- 0.7%
<b>Total</b>	4.2%	0.4%	2.0%	1.3%	0.4%

### Queens Bridges

Borden Avenue	3.4%	7.0%	0.8%	- 0.0%	0.7%
Flushing	- 1.2%	3.1%	3.6%	- 0.8%	0.2%
Hook Creek	6.1%	3.0%	0.9%	1.4%	1.3%
Hunters Point Avenue	- 0.2%	<i>Closed 1975-1983</i>		2.3%	- 0.6%
Little Neck Pkwy	- 2.0%	1.1%	0.8%	2.2%	0.4%
Midtown Highway	3.1%	- 0.6%	1.8%	- 0.4%	2.5%
North Channel	8.8%	- 0.6%	1.1%	- 0.0%	3.0%
Rikers Island	<i>Opened 11/22/1966</i>		6.4%	2.2%	1.0%
Roosevelt Avenue	0.1%	- 0.9%	2.3%	0.9%	- 2.2%
Roosevelt Island	4.8%	5.2%	2.7%	0.3%	0.0%
Whitestone Expwy	3.1%	1.6%	1.6%	0.6%	1.3%
<b>Total</b>	2.2%	1.4%	1.9%	0.6%	1.1%

### Staten Island Bridges

Fresh Kills	7.3%	9.7%	5.0%	0.6%	2.5%
<b>TOLL FREE GRAND TOTAL</b>	3.8%	0.4%	2.1%	0.2%	0.8%

# 10-Year Traffic Growth Rate Trends

## N.Y.C. Tolled Facilities

1956-2006

Page 3 of 3

<b>Manhattan MTABT Facilities</b>	<b>1956-1966</b>	<b>1966-1976</b>	<b>1976-1986</b>	<b>1986-1996</b>	<b>1996-2006</b>
Brooklyn-Battery Tunnel	0.8%	- 2.4%	1.2%	- 0.7%	- 1.0%
Henry Hudson Bridge	- 3.6%	- 3.1%	3.5%	1.8%	2.4%
Queens-Midtown Tunnel	2.9%	- 0.0%	0.9%	- 0.2%	1.7%
Triborough (Manhattan Plz)	0.8%	0.1%	3.0%	- 0.6%	0.2%
<b>Total</b>	<b>0.3%</b>	<b>- 1.1%</b>	<b>2.0%</b>	<b>- 0.1%</b>	<b>0.9%</b>

### Manhattan PANYNJ Facilities

George Washington Bridge	6.2%	2.8%	2.7%	- 0.9%	1.0%
Holland Tunnel	0.0%	2.1%	2.3%	2.5%	- 0.3%
Lincoln Tunnel	3.0%	2.5%	2.2%	- 0.3%	0.4%
<b>Total</b>	<b>3.8%</b>	<b>2.6%</b>	<b>2.5%</b>	<b>- 0.1%</b>	<b>0.6%</b>

### Outer Borough MTABT Bridges

Bronx-Whitestone	- 3.6%	1.1%	2.6%	0.2%	1.1%
Cross Bay	1.4%	- 1.8%	0.6%	0.1%	4.1%
Marine Parkway	2.0%	- 0.9%	1.7%	0.2%	0.6%
Throgs Neck	Opened 1961	1.2%	0.3%	0.3%	2.0%
Triborough (Bronx Plz)	0.7%	- 0.0%	2.7%	- 1.4%	0.3%
Verrazano-Narrows	Opened 11/21/1964	6.0%	4.1%	1.1%	1.0%
<b>Total</b>	<b>6.8%</b>	<b>1.8%</b>	<b>2.5%</b>	<b>0.3%</b>	<b>1.2%</b>

### Staten Island PANYNJ Bridges

Bayonne	3.0%	2.4%	3.2%	- 0.6%	4.7%
Goethals	16.3%	5.1%	2.9%	- 0.4%	0.7%
Outerbridge Crossing	5.8%	7.0%	9.8%	1.5%	1.9%
<b>Total</b>	<b>9.5%</b>	<b>5.0%</b>	<b>5.4%</b>	<b>0.4%</b>	<b>1.7%</b>

***East  
River  
Bridges***

**East River Bridges**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<i><b>Year</b></i>	<i><b>Brooklyn Bridge</b></i>	<i><b>Manhattan Bridge</b></i>	<i><b>Queensboro Bridge</b></i>	<i><b>Williamsburg Bridge</b></i>	<i><b>Totals</b></i>
1948	37,011	86,717	83,201	47,139	254,068
1949	37,244	80,420	88,821	54,448	260,933
1950	13,397	84,027	84,863	57,940	240,227
1951	14,865	100,826	90,922	62,739	269,352
1952	16,907	96,476	85,748	62,573	261,704
1953	14,513	94,320	106,391	77,502	292,726
1954	42,455	77,698	101,285	76,465	297,903
1955	53,964	66,968	91,958	80,743	293,633
1956	54,981	69,656	90,786	82,443	297,866
1957	23,852	89,793	93,676	89,707	297,028
1958	43,089	82,128	100,555	78,698	304,470
1959	53,115	74,329	103,522	81,465	312,431
1960	73,486	60,481	107,536	81,157	322,660
1961	68,997	62,797	104,505	80,514	316,813
1962	78,850	51,450	105,930	81,940	318,170
1963	78,770	58,510	116,350	80,250	333,880
1964	80,230	59,250	120,900	80,650	341,030
1965	84,141	71,222	117,588	80,567	353,518
1966	89,124	63,693	122,896	80,032	355,745
1967	87,387	75,741	124,033	65,775	352,936
1968	72,475	79,906	130,777	74,074	357,232
1969	97,565	75,473	132,553	73,825	379,416
1970	100,050	72,077	126,554	73,062	371,743
1971	102,535	68,681	120,555	72,299	364,070
1972	103,815	73,803	136,455	76,219	390,292
1973	102,834	73,401	138,066	79,989	394,290
1974	99,959	77,198	138,560	78,914	394,631
1975	103,750	74,320	144,252	82,057	404,379
1976	102,590	68,057	145,130	82,471	398,248
1977	104,532	64,835	146,283	82,490	398,140
1978	104,848	74,257	138,415	82,626	400,146
1979	91,319	75,403	133,966	81,340	382,028
1980	103,954	77,914	127,929	82,663	392,460
1981	102,572	79,589	127,864	85,100	395,125
1982	110,991	87,760	136,864	79,369	414,984
1983	115,825	85,222	125,158	86,947	413,152
1984	110,432	89,104	134,107	94,898	428,541
1985	116,929	100,825	150,892	107,386	476,032
1986	126,555	77,784	158,191	107,181	469,711
1987	123,523	77,519	151,688	107,362	460,092
1988	129,153	75,221	153,841	102,643	460,858
1989	131,951	68,593	152,591	107,967	461,102
1990	129,626	69,550	140,063	109,474	448,713
1991	128,491	72,695	131,438	115,345	447,969
1992	125,643	78,117	141,078	98,307	443,145
1993	134,793	74,526	135,964	86,591	431,874
1994	134,837	78,418	151,483	83,525	448,263
1995	131,883	75,126	157,306	100,588	464,903
1996	131,872	81,075	161,965	88,570	463,482
1997	147,898	83,209	184,179	96,124	511,410
1998	144,131	78,172	192,119	109,268	523,690
1999	127,065	92,311	189,190	107,941	516,507
2000	147,767	75,684	182,940	108,376	514,767
2001	95,586	73,064	176,469	82,202	427,321
2002	121,145	66,152	176,419	103,364	467,080
2003	134,444	73,767	184,964	100,243	493,418
2004	137,563	79,129	180,369	110,528	507,589
2005	132,210	80,363	178,610	107,030	498,213
2006	126,805	74,621	186,110	107,040	494,576

# Hourly Vehicular Volumes Brooklyn Bridge - 2006

FHWA Classes ►	Eastbound to Brooklyn						Westbound to Manhattan						2-Way Grand Totals
	Commuter Vans		Single Unit Trucks	Tractor Trailers	Total Vehicles	Commuter Vans		Single Unit Trucks	Tractor Trailers	Total Vehicles			
	Autos & Motorcycles	Pickups Large SUVs				Buses	Autos & Motorcycles				Pickups Large SUVs	Buses	
	1 & 2	3	4	5 - 7	8 - 13		1 & 2	3	4	5 - 7	8 - 13		
12-1am	2,218	1	1	0	0	2,220	1,482	14	0	4	0	1,500	3,720
1-2am	1,296	5	1	0	0	1,302	907	5	0	0	0	912	2,214
2-3am	866	4	0	0	0	870	645	7	0	2	0	654	1,524
3-4am	716	6	1	0	0	723	602	9	0	2	0	613	1,336
4-5am	881	11	3	0	0	895	1,113	7	2	5	0	1,127	2,022
5-6am	1,673	21	1	0	0	1,695	2,565	46	33	7	0	2,651	4,346
6-7am	2,750	41	12	1	0	2,804	3,834	47	91	2	0	3,974	6,778
7-8am	2,909	38	22	2	0	2,971	3,981	26	42	3	0	4,052	7,023
8-9am	2,915	47	24	2	0	2,988	3,509	28	9	3	0	3,549	6,537
9-10am	2,569	47	29	1	0	2,646	3,250	27	11	7	0	3,295	5,941
10-11am	2,479	30	18	0	0	2,527	2,830	23	12	6	0	2,871	5,398
11-12am	2,407	46	24	0	0	2,477	2,805	36	14	8	0	2,863	5,340
12-1pm	2,552	46	24	0	0	2,622	2,800	24	25	2	0	2,851	5,473
1-2pm	2,728	41	31	1	0	2,801	2,994	40	55	11	0	3,100	5,901
2-3pm	3,083	42	45	2	0	3,172	3,156	33	31	3	0	3,223	6,395
3-4pm	3,374	36	39	0	0	3,449	3,127	36	36	1	0	3,200	6,649
4-5pm	3,548	37	25	1	0	3,611	3,020	32	16	2	0	3,070	6,681
5-6pm	3,594	40	21	0	0	3,655	3,092	21	14	2	0	3,129	6,784
6-7pm	3,457	53	16	1	0	3,527	2,958	23	11	1	0	2,993	6,520
7-8pm	3,290	36	5	0	0	3,331	2,872	14	5	0	0	2,891	6,222
8-9pm	3,323	15	2	0	0	3,340	2,989	20	1	1	0	3,011	6,351
9-10pm	3,245	14	1	0	0	3,260	3,112	25	3	1	0	3,141	6,401
10-11pm	2,996	6	0	0	0	3,002	3,061	22	0	3	0	3,086	6,088
11-12pm	2,803	5	2	0	0	2,810	2,328	19	1	3	0	2,351	5,161
Totals	61,672	668	347	11	0	62,698	63,032	584	412	79	0	64,107	126,805
7-10am	8,393	132	75	5	0	8,605	10,740	81	62	13	0	10,896	19,501
10am-1pm	7,438	122	66	0	0	7,626	8,435	83	51	16	0	8,585	16,211
1-4pm	9,185	119	115	3	0	9,422	9,277	109	122	15	0	9,523	18,945
4-7pm	10,599	130	62	2	0	10,793	9,070	76	41	5	0	9,192	19,985
7am-7pm	35,615	503	318	10	0	36,446	37,522	349	276	49	0	38,196	74,642

Based on April 2006 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes Manhattan Bridge - 2006

FHWA Classes ►	Eastbound to Brooklyn						Westbound to Manhattan						2-Way Grand Totals
	Autos & Motorcycles		Commuter Vans Commercial Vans Pickups Large SUVs	Buses	Single Unit Trucks	Tractor Trailers	Autos & Motorcycles		Commuter Vans Commercial Vans Pickups Large SUVs	Buses	Single Unit Trucks	Tractor Trailers	Total Vehicles
	1 & 2	3	4	5 - 7	8 - 13		1 & 2	3	4	5 - 7	8 - 13		
12-1am	1,446	28	10	15	2	1,501	1,026	11	1	4	0	1,042	2,543
1-2am	966	19	3	6	1	995	742	11	1	2	0	756	1,751
2-3am	696	16	3	5	2	722	563	6	1	6	0	576	1,298
3-4am	565	16	4	6	3	594	581	9	3	6	1	600	1,194
4-5am	567	7	3	6	0	583	777	7	5	12	0	801	1,384
5-6am	731	6	7	15	1	760	1,449	24	50	14	1	1,538	2,298
6-7am	1,143	29	32	72	9	1,285	1,883	47	88	126	10	2,154	3,439
7-8am	1,216	41	48	128	8	1,441	2,465	53	96	333	8	2,955	4,396
8-9am	1,403	32	54	161	13	1,664	2,454	43	67	267	14	2,845	4,509
9-10am	1,135	31	55	173	11	1,405	1,974	48	49	271	23	2,365	3,770
10-11am	1,162	22	49	176	12	1,421	1,459	38	46	286	10	1,839	3,260
11-12am	1,123	30	47	172	12	1,385	1,227	31	39	280	9	1,586	2,971
12-1pm	1,144	38	50	224	12	1,468	1,174	41	55	316	11	1,597	3,065
1-2pm	1,209	42	53	228	10	1,542	1,175	33	53	305	10	1,576	3,118
2-3pm	1,427	32	51	200	14	1,725	1,320	41	44	227	11	1,643	3,368
3-4pm	1,787	42	87	175	9	2,100	1,361	28	32	136	11	1,568	3,668
4-5pm	2,079	47	72	105	11	2,315	1,262	28	33	147	7	1,477	3,792
5-6pm	2,186	48	82	79	14	2,409	1,427	27	45	131	3	1,633	4,042
6-7pm	2,039	36	64	59	8	2,205	1,430	13	59	106	3	1,611	3,816
7-8pm	1,911	24	66	45	9	2,055	1,272	19	40	76	0	1,407	3,462
8-9pm	1,843	28	46	42	5	1,964	1,211	13	21	67	2	1,314	3,278
9-10pm	1,791	30	32	32	5	1,889	1,335	11	15	43	1	1,405	3,294
10-11pm	1,911	25	23	26	3	1,988	1,484	12	8	33	0	1,537	3,525
11-12pm	1,852	18	15	19	2	1,907	1,449	4	4	15	1	1,473	3,380
Totals	33,334	688	957	2,168	175	37,323	32,500	598	855	3,209	136	37,298	74,621
7-10am	3,755	105	157	462	31	4,510	6,893	144	212	871	45	8,165	12,675
10am-1pm	3,430	90	147	572	36	4,274	3,860	110	140	882	30	5,022	9,296
1-4pm	4,423	116	191	603	33	5,367	3,856	102	129	668	32	4,787	10,154
4-7pm	6,304	131	218	243	33	6,929	4,119	68	137	384	13	4,721	11,650
7am-7pm	17,912	442	712	1,880	133	21,080	18,728	424	618	2,805	120	22,695	43,775

Based on May 2006 Classification Survey Data

\*\* Peak Volumes



# Hourly Vehicular Volumes Queensboro Bridge - 2006

FHWA Classes ►	Eastbound to Queens						Westbound to Manhattan						2-Way Grand Totals
	Autos & Motorcycles		Commuter Vans Commercial Vans Pickups Large SUVs		Single Unit Trucks	Tractor Trailers	Autos & Motorcycles		Commuter Vans Commercial Vans Pickups Large SUVs		Single Unit Trucks	Tractor Trailers	
	1 & 2	3	4	5 - 7	8 - 13		1 & 2	3	4	5 - 7	8 - 13		
12-1am	3,843	58	19	57	0	3,977	1,795	13	10	9	1	1,828	5,805
1-2am	3,356	33	15	42	1	3,447	1,225	13	6	14	2	1,260	4,707
2-3am	2,354	13	6	44	1	2,418	1,107	11	5	41	0	1,164	3,582
3-4am	1,745	10	4	60	1	1,820	1,371	9	16	84	2	1,482	3,302
4-5am	2,026	19	19	88	0	2,152	2,215	31	26	178	1	2,451	4,603
5-6am	2,369	40	21	122	1	2,553	4,504	60	36	289	31	4,920	7,473
6-7am	2,855	44	36	250	1	3,186	6,296	76	36	248	16	6,672	9,858
7-8am	2,712	72	41	299	6	3,130	6,345	66	47	291	31	6,780	9,910
8-9am	2,325	65	53	290	9	2,742	5,426	69	51	278	25	5,849	8,591
9-10am	1,912	46	45	260	7	2,270	4,235	65	40	221	33	4,594	6,864
10-11am	2,875	70	63	355	15	3,378	3,682	64	31	203	30	4,010	7,388
11-12am	3,154	64	48	301	6	3,573	3,638	56	26	195	37	3,952	7,525
12-1pm	3,447	81	49	340	7	3,924	3,713	39	37	193	36	4,018	7,942
1-2pm	3,577	94	56	355	6	4,088	4,034	54	35	140	39	4,302	8,390
2-3pm	4,094	91	64	313	8	4,570	4,518	72	42	135	36	4,803	9,373
3-4pm	5,061	100	69	338	9	5,577	4,618	49	39	139	21	4,866	10,443
4-5pm	5,820	109	55	328	9	6,321	4,653	51	31	109	14	4,858	11,179
5-6pm	5,381	88	55	292	13	5,829	4,857	38	32	68	20	5,015	10,844
6-7pm	4,672	70	57	217	8	5,024	4,436	33	24	46	13	4,552	9,576
7-8pm	4,395	82	65	174	10	4,726	3,908	27	27	35	11	4,008	8,734
8-9pm	4,323	90	75	148	4	4,640	3,497	31	22	34	8	3,592	8,232
9-10pm	4,132	71	58	130	4	4,395	3,287	26	16	38	5	3,372	7,767
10-11pm	4,073	64	53	128	1	4,319	2,987	20	17	26	0	3,050	7,369
11-12pm	4,098	61	31	68	2	4,260	2,350	11	13	18	1	2,393	6,653
Totals	84,599	1,535	1,057	4,999	129	92,319	88,697	984	665	3,032	413	93,791	186,110
7-10am	6,949	183	139	849	22	8,142	16,006	200	138	790	89	17,223	25,365
10am-1pm	9,476	215	160	996	28	10,875	11,033	159	94	591	103	11,980	22,855
1-4pm	12,732	285	189	1,006	23	14,235	13,170	175	116	414	96	13,971	28,206
4-7pm	15,873	267	167	837	30	17,174	13,946	122	87	223	47	14,425	31,599
7am-7pm	45,030	950	655	3,688	103	50,426	54,155	656	435	2,018	335	57,599	108,025

Based on April 2006 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes Williamsburg Bridge - 2006

FHWA Classes ►	Eastbound to Brooklyn						Westbound to Manhattan						2-Way Grand Totals
	Autos & Motorcycles		Commuter Vans Commercial Vans Pickups Large SUVs		Single Unit Trucks	Tractor Trailers	Autos & Motorcycles		Commuter Vans Commercial Vans Pickups Large SUVs		Single Unit Trucks	Tractor Trailers	
	1 & 2	3	4	5 - 7	8 - 13	Total Vehicles	1 & 2	3	4	5 - 7	8 - 13	Total Vehicles	
12-1am	2,315	7	1	2	0	2,325	1,235	3	1	0	0	1,239	3,564
1-2am	1,433	3	1	0	1	1,438	876	3	1	1	0	881	2,319
2-3am	976	5	3	2	1	987	663	5	1	2	0	671	1,658
3-4am	752	7	3	3	2	767	653	3	0	1	1	658	1,425
4-5am	729	6	2	3	0	740	965	5	1	0	0	971	1,711
5-6am	1,106	6	8	6	0	1,126	2,029	5	6	1	2	2,043	3,169
6-7am	1,696	13	29	23	3	1,764	3,114	16	16	8	0	3,154	4,918
7-8am	1,853	22	47	35	1	1,958	3,394	32	20	14	0	3,460	5,418
8-9am	1,816	20	41	29	3	1,909	3,273	38	24	18	1	3,354	5,263
9-10am	1,757	27	44	31	2	1,861	2,901	29	20	14	3	2,967	4,828
10-11am	1,886	39	65	42	1	2,033	2,980	38	21	10	4	3,053	5,086
11-12am	1,824	31	54	41	2	1,952	2,805	32	19	9	1	2,866	4,818
12-1pm	1,940	54	24	54	2	2,074	2,819	41	20	20	1	2,901	4,975
1-2pm	2,055	63	28	48	3	2,197	2,752	37	22	18	1	2,830	5,027
2-3pm	2,397	55	37	44	3	2,536	3,032	37	18	19	3	3,109	5,645
3-4pm	3,073	69	40	56	3	3,241	2,604	28	20	22	2	2,676	5,917
4-5pm	3,241	64	39	50	6	3,400	2,301	33	17	17	1	2,369	5,769
5-6pm	3,240	62	36	34	1	3,373	2,509	37	22	16	1	2,585	5,958
6-7pm	3,008	40	25	24	2	3,099	2,402	29	15	15	2	2,463	5,562
7-8pm	2,906	31	25	20	1	2,983	2,273	23	14	11	0	2,321	5,304
8-9pm	2,875	26	20	14	2	2,937	2,054	12	4	4	0	2,074	5,011
9-10pm	2,677	14	13	5	2	2,711	1,962	11	3	2	0	1,978	4,689
10-11pm	2,567	11	4	4	2	2,588	1,977	12	2	3	1	1,995	4,583
11-12pm	2,570	7	2	3	0	2,582	1,830	7	2	2	0	1,841	4,423
Totals	50,692	682	591	573	43	52,581	53,403	516	289	227	24	54,459	107,040
7-10am	5,426	69	132	95	6	5,728	9,568	99	64	46	4	9,781	15,509
10am-1pm	5,650	124	143	137	5	6,059	8,604	111	60	39	6	8,820	14,879
1-4pm	7,525	187	105	148	9	7,974	8,388	102	60	59	6	8,615	16,589
4-7pm	9,489	166	100	108	9	9,872	7,212	99	54	48	4	7,417	17,289
7am-7pm	28,090	546	480	488	29	29,633	33,772	411	238	192	20	34,633	64,266

Based on March 2006 Classification Survey Data

\*\* Peak Volumes

***Harlem  
River  
Bridges***

**Harlem River Bridges**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<b>Year</b>	<b>Alexander Hamilton</b>	<b>Broadway</b>	<b>Macombs Dam</b>	<b>Madison Avenue</b>	<b>Third Avenue</b>
1948		16,020	33,608	27,222	31,403
1949		17,369	23,854	17,363	20,024
1950		15,462	28,641	27,933	34,984
1951	<i>Bridge Opened Jan. 1963</i>	16,374	31,072	33,576	51,478
1952		17,412	36,100	27,468	34,023
1953		16,821	35,331	24,382	37,593
1954		15,958	27,911	23,408	33,667
1955		17,046	27,914	34,681	38,201
1956		17,960	32,761	46,591	42,735
1957		20,345	55,609	40,860	47,269
1958		22,132	50,227	33,393	61,367
1959		25,491	48,720	27,967	56,525
1960		23,025	50,865	22,541	68,079
1961		21,097	32,447	28,375	61,584
1962		19,170	39,580	25,400	53,580
1963		23,110	43,450	27,090	63,840
1964	87,840	25,020	31,050	31,170	63,250
1965	125,133	17,555	37,451	26,315	55,644
1966	104,559	22,438	39,922	28,865	70,938
1967	135,803	22,844	35,595	27,683	52,931
1968	92,771	23,621	33,875	27,658	41,243
1969	132,487	22,224	38,845	28,219	57,748
1970	141,609	23,115	46,523	24,941	48,110
1971	137,881	28,232	40,489	28,891	50,548
1972	142,139	25,178	39,702	26,923	47,454
1973	137,133	24,408	38,349	34,815	60,415
1974	144,909	21,825	40,934	30,425	54,770
1975	134,013	30,638	38,995	29,823	62,079
1976	137,141	26,453	36,065	27,838	54,957
1977	158,710	26,465	33,539	29,832	52,969
1978	151,342	25,145	35,764	34,938	54,177
1979	143,973	27,673	37,145	29,036	54,428
1980	152,852	29,838	37,464	27,476	54,152
1981	148,609	30,485	42,064	29,456	51,483
1982	156,038	30,846	45,178	30,485	60,236
1983	161,772	29,875	42,747	30,715	67,813
1984	164,734	28,338	46,870	33,101	56,706
1985	171,602	33,086	52,497	37,956	59,907
1986	175,635	32,314	50,602	39,809	64,404
1987	180,908	31,934	48,021	31,506	62,089
1988	172,970	33,047	43,318	31,321	62,379
1989	183,661	35,066	43,450	31,688	64,849
1990	192,848	41,705	41,113	32,458	63,516
1991	187,309	40,444	42,393	34,826	65,787
1992	176,279	35,184	42,022	32,907	66,967
1993	180,507	33,752	39,251	32,432	68,812
1994	178,522	32,833	39,876	22,923	66,104
1995	175,279	42,555	41,571	22,739	68,663
1996	176,856	40,040	40,031	17,948	67,206
1997	176,102	34,645	44,033	28,646	71,365
1998	176,632	35,770	42,027	32,922	70,757
1999	180,201	35,412	41,813	38,102	68,544
2000	177,899	37,990	21,008	47,583	73,121
2001	168,605	41,175	39,615	43,331	72,756
2002	168,079	38,287	18,878	49,487	58,949
2003	182,704	36,888	42,254	41,575	43,065
2004	175,323	35,190	40,558	48,723	47,053
2005	181,566	35,698	40,112	48,397	60,152
2006	190,183	33,551	39,878	43,805	61,874

**Harlem River Bridges (cont'd)**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<b>Year</b>	<b>University Heights</b>	<b>Washington</b>	<b>Willis Avenue</b>	<b>145th Street</b>	<b>Totals</b>
1948	21,706	29,374	29,648	18,196	207,177
1949	14,098	32,122	42,772	25,908	193,510
1950	24,986	29,541	38,708	22,416	222,671
1951	25,270	28,599	35,958	26,872	249,199
1952	21,527	28,270	33,207	24,189	222,196
1953	29,240	37,298	38,579	29,385	248,629
1954	22,979	39,339	46,675	26,119	236,056
1955	18,151	33,988	44,809	35,449	250,239
1956	21,834	30,598	43,752	30,550	266,781
1957	34,077	38,861	51,395	28,114	316,530
1958	37,078	50,100	49,773	25,677	329,747
1959	33,580	51,652	58,705	39,709	342,349
1960	36,763	54,008	59,050	30,868	345,199
1961	43,749	61,542	50,902	33,767	333,463
1962	35,940	56,110	55,910	27,540	313,230
1963	26,030	32,760	65,290	27,520	309,090
1964	31,490	41,410	65,190	31,260	407,680
1965	23,458	35,560	53,219	26,924	401,259
1966	25,700	31,104	53,677	25,284	402,487
1967	26,990	33,921	69,609	22,368	427,744
1968	26,126	35,218	58,730	22,853	362,095
1969	29,941	19,136	60,192	24,200	412,992
1970	26,718	33,661	61,433	23,580	429,690
1971	29,622	38,522	53,609	24,401	432,195
1972	31,620	36,812	49,431	23,105	422,364
1973	33,503	46,079	51,537	23,431	449,670
1974	29,297	42,014	53,322	21,616	439,112
1975	29,111	41,522	52,984	21,189	440,354
1976	34,494	39,058	53,873	19,750	429,629
1977	29,128	38,185	52,484	20,888	442,200
1978	35,883	37,690	54,335	21,484	450,758
1979	31,796	37,348	44,851	21,566	427,816
1980	32,562	38,061	52,061	21,826	446,292
1981	34,454	38,061	52,561	21,150	448,323
1982	25,416	44,168	55,762	22,656	470,785
1983	32,233	42,186	60,296	23,516	491,153
1984	30,485	46,896	66,017	23,802	496,949
1985	37,553	51,302	65,638	28,722	538,263
1986	36,192	54,935	66,824	26,181	546,896
1987	37,223	46,094	67,558	24,895	530,228
1988	38,542	48,025	64,862	25,818	520,282
1989	42,246	49,092	66,012	23,317	539,381
1990	19,768	61,668	62,315	24,172	539,563
1991	18,220	57,526	60,415	26,448	533,368
1992	39,232	51,925	66,522	26,315	537,353
1993	38,895	52,795	70,472	25,390	542,306
1994	38,134	57,009	67,344	23,299	526,044
1995	21,238	56,372	67,716	25,749	521,882
1996	35,280	56,204	70,229	27,156	530,950
1997	39,639	54,708	73,461	24,151	546,750
1998	41,640	57,307	78,145	24,862	560,062
1999	42,287	58,907	71,555	26,361	563,182
2000	45,557	68,075	73,175	34,362	578,770
2001	46,381	57,443	72,901	26,552	568,759
2002	45,311	63,609	73,435	35,796	551,831
2003	50,126	63,154	66,710	23,034	549,510
2004	47,350	57,530	74,700	25,994	552,421
2005	44,938	58,019	66,708	25,802	561,392
2006	42,118	57,689	66,212	21,733	557,043

# Hourly Vehicular Volumes Alexander Hamilton Bridge - 2006

	<i>Eastbound to Bronx</i>						<i>Westbound to Manhattan</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	2,441	---	---	---	---	---	2,190	4,631
1-2am	---	---	---	---	---	1,959	---	---	---	---	---	1,623	3,582
2-3am	---	---	---	---	---	1,805	---	---	---	---	---	1,442	3,247
3-4am	---	---	---	---	---	2,001	---	---	---	---	---	1,564	3,565
4-5am	---	---	---	---	---	2,721	---	---	---	---	---	2,166	4,887
5-6am	---	---	---	---	---	4,549	---	---	---	---	---	3,549	8,098
6-7am	---	---	---	---	---	5,694 **	---	---	---	---	---	5,345 **	11,039 **
7-8am	3,814	12	221	728	110	4,885	4,322	10	92	459	227	5,110	9,995
8-9am	3,648	5	238	917	213	5,021	4,214	35	35	489	155	4,928	9,949
9-10am	3,652	5	234	1,196	131	5,218	3,565	51	30	782	208	4,636	9,854
10-11am	4,786	3	114	374	54	5,331	4,118	29	18	444	149	4,758	10,089
11-12am	3,723	11	267	828	137	4,966	3,461	15	22	1,079	307	4,884	9,850
12-1pm	3,936	0	111	444	48	4,539	3,953	11	10	552	140	4,666	9,205
1-2pm	3,530	8	168	842	84	4,632	3,283	12	23	853	223	4,394	9,026
2-3pm	3,929	6	209	815	115	5,074	3,510	20	43	941	189	4,703	9,777
3-4pm	4,476	8	90	349	98	5,021	4,159	23	17	489	89	4,777	9,798
4-5pm	3,711	5	139	464	106	4,425	3,660	4	42	923	223	4,852	9,277
5-6pm	3,541	4	99	333	83	4,060	3,820	2	31	852	167	4,872	8,932
6-7pm	3,271	8	171	375	66	3,891	3,955	3	23	480	137	4,598	8,489
7-8pm	---	---	---	---	---	3,866	---	---	---	---	---	4,705	8,571
8-9pm	---	---	---	---	---	4,155	---	---	---	---	---	4,053	8,208
9-10pm	---	---	---	---	---	3,777	---	---	---	---	---	3,684	7,461
10-11pm	---	---	---	---	---	3,653	---	---	---	---	---	3,419	7,072
11-12pm	---	---	---	---	---	2,888	---	---	---	---	---	2,693	5,581
Totals	---	---	---	---	---	96,572	---	---	---	---	---	93,611	190,183
7-10am	11,114	22	693	2,841	454	15,124	12,101	96	157	1,730	590	14,674	29,798
10am-1pm	12,445	14	492	1,646	239	14,836	11,532	55	50	2,075	596	14,308	29,144
1-4pm	11,935	22	467	2,006	297	14,727	10,952	55	83	2,283	501	13,874	28,601
4-7pm	10,523	17	409	1,172	255	12,376	11,435	9	96	2,255	527	14,322	26,698
7am-7pm	46,017	75	2,061	7,665	1,245	57,063	46,020	215	386	8,343	2,214	57,178	114,241

Based on 1989 Classification Survey Data:

\*\* Peak Volumes

# Hourly Vehicular Volumes Broadway Bridge - 2006

	Northbound to Bronx						Southbound to Manhattan						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	334	---	---	---	---	---	245	579
1-2am	---	---	---	---	---	190	---	---	---	---	---	177	367
2-3am	---	---	---	---	---	113	---	---	---	---	---	94	207
3-4am	---	---	---	---	---	78	---	---	---	---	---	75	153
4-5am	---	---	---	---	---	126	---	---	---	---	---	130	256
5-6am	---	---	---	---	---	244	---	---	---	---	---	377	621
6-7am	---	---	---	---	---	514	---	---	---	---	---	819	1,333
7-8am	634	35	19	64	27	779	1,136	52	36	26	38	1,288 **	2,067
8-9am	730	53	18	32	25	858	1,054	36	24	37	36	1,187	2,045
9-10am	562	19	2	23	50	656	816	31	24	48	37	956	1,612
10-11am	630	16	2	32	22	702	728	19	11	34	9	801	1,503
11-12am	652	20	8	26	40	746	634	21	21	45	46	767	1,513
12-1pm	703	20	5	20	22	770	781	20	4	16	10	831	1,601
1-2pm	791	24	3	27	28	873	823	23	9	19	15	889	1,762
2-3pm	830	24	1	35	71	961	903	28	21	32	16	1,000	1,961
3-4pm	1,067	26	9	14	36	1,152	1,027	29	12	17	9	1,094	2,246
4-5pm	1,126	39	27	24	55	1,271	1,009	27	18	31	30	1,115	2,386
5-6pm	1,240	29	8	12	65	1,354	1,036	26	27	16	21	1,126	2,480 **
6-7pm	1,205	23	0	14	118	1,360 **	964	26	23	17	7	1,037	2,397
7-8pm	---	---	---	---	---	1,091	---	---	---	---	---	907	1,998
8-9pm	---	---	---	---	---	798	---	---	---	---	---	729	1,527
9-10pm	---	---	---	---	---	617	---	---	---	---	---	583	1,200
10-11pm	---	---	---	---	---	472	---	---	---	---	---	443	915
11-12pm	---	---	---	---	---	455	---	---	---	---	---	367	822
Totals	---	---	---	---	---	16,514	---	---	---	---	---	17,037	33,551
7-10am	1,926	107	39	119	102	2,293	3,006	119	84	111	111	3,431	5,724
10am-1pm	1,985	56	15	78	84	2,218	2,143	60	36	95	65	2,399	4,617
1-4pm	2,688	74	13	76	135	2,986	2,753	80	42	68	40	2,983	5,969
4-7pm	3,571	91	35	50	238	3,985	3,009	79	68	64	58	3,278	7,263
7am-7pm	10,170	328	102	323	559	11,482	10,911	338	230	338	274	12,091	23,573

Based on 1989 Classification Survey Dat:

\*\* Peak Volumes

# Hourly Vehicular Volumes Macombs Dam Bridge - 2006

	<i>Eastbound to Bronx</i>						<i>Westbound to Manhattan</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	466	---	---	---	---	---	383	849
1-2am	---	---	---	---	---	288	---	---	---	---	---	237	525
2-3am	---	---	---	---	---	207	---	---	---	---	---	177	384
3-4am	---	---	---	---	---	169	---	---	---	---	---	137	306
4-5am	---	---	---	---	---	191	---	---	---	---	---	209	400
5-6am	---	---	---	---	---	330	---	---	---	---	---	364	694
6-7am	---	---	---	---	---	619	---	---	---	---	---	872	1,491
7-8am	893	36	23	55	81	1,088	1,109	36	5	79	211	1,440	2,528
8-9am	944	13	17	57	97	1,128	1,185	10	2	93	168	1,458	2,586 **
9-10am	787	17	13	49	53	919	889	18	12	103	168	1,190	2,109
10-11am	705	6	2	30	37	780	883	8	7	39	53	990	1,770
11-12am	697	9	11	58	68	843	805	6	13	71	79	974	1,817
12-1pm	809	10	6	26	36	887	940	17	3	19	41	1,020	1,907
1-2pm	902	3	6	28	25	964	917	18	7	20	74	1,036	2,000
2-3pm	870	13	21	69	75	1,048	992	22	15	49	85	1,163	2,211
3-4pm	1,030	22	9	55	66	1,182	1,107	34	9	21	41	1,212	2,394
4-5pm	908	8	29	78	147	1,170	1,054	9	29	38	71	1,201	2,371
5-6pm	1,013	9	14	36	134	1,206 **	1,041	12	9	17	57	1,136	2,342
6-7pm	1,008	3	6	24	40	1,081	949	6	11	21	72	1,059	2,140
7-8pm	---	---	---	---	---	1,158	---	---	---	---	---	1,078	2,236
8-9pm	---	---	---	---	---	1,102	---	---	---	---	---	947	2,049
9-10pm	---	---	---	---	---	991	---	---	---	---	---	871	1,862
10-11pm	---	---	---	---	---	807	---	---	---	---	---	839	1,646
11-12pm	---	---	---	---	---	678	---	---	---	---	---	583	1,261
Totals	---	---	---	---	---	19,302	---	---	---	---	---	20,576	39,878
7-10am	2,624	66	53	161	231	3,135	3,183	64	19	275	547	4,088	7,223
10am-1pm	2,211	25	19	114	141	2,510	2,628	31	23	129	173	2,984	5,494
1-4pm	2,802	38	36	152	166	3,194	3,016	74	31	90	200	3,411	6,605
4-7pm	2,929	20	49	138	321	3,457	3,044	27	49	76	200	3,396	6,853
7am-7pm	10,566	149	157	565	859	12,296	11,871	196	122	570	1,120	13,879	26,175

Based on 1989 Classification Survey Data:

\*\* Peak Volumes



# Hourly Vehicular Volumes Madison Avenue Bridge - 2006

	<i>Eastbound to Bronx</i>						<i>Westbound to Manhattan</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	603	---	---	---	---	---	313	916
1-2am	---	---	---	---	---	354	---	---	---	---	---	183	537
2-3am	---	---	---	---	---	227	---	---	---	---	---	150	377
3-4am	---	---	---	---	---	185	---	---	---	---	---	165	350
4-5am	---	---	---	---	---	218	---	---	---	---	---	249	467
5-6am	---	---	---	---	---	330	---	---	---	---	---	452	782
6-7am	---	---	---	---	---	717	---	---	---	---	---	1,105	1,822
7-8am	934	46	103	61	55	1,199	1,329	106	15	54	119	1,623	** 2,822
8-9am	892	61	79	47	59	1,138	1,270	105	30	67	130	1,602	2,740
9-10am	685	61	88	73	46	953	816	58	33	141	108	1,156	2,109
10-11am	752	34	45	33	41	905	704	59	20	20	64	867	1,772
11-12am	638	25	83	103	94	943	680	26	35	67	86	894	1,837
12-1pm	837	28	33	40	42	980	758	33	25	31	55	902	1,882
1-2pm	910	32	34	46	51	1,073	761	52	26	15	41	895	1,968
2-3pm	909	34	80	111	112	1,246	869	73	30	33	84	1,089	2,335
3-4pm	1,289	26	41	73	67	1,496	973	67	20	26	44	1,130	2,626
4-5pm	1,269	32	143	118	141	1,703	1,057	65	28	25	47	1,222	2,925
5-6pm	1,383	38	119	97	92	1,729	** 1,090	49	34	27	41	1,241	** 2,970
6-7pm	1,372	80	54	70	92	1,668	1,030	41	23	20	22	1,136	2,804
7-8pm	---	---	---	---	---	1,508	---	---	---	---	---	990	2,498
8-9pm	---	---	---	---	---	1,397	---	---	---	---	---	825	2,222
9-10pm	---	---	---	---	---	1,159	---	---	---	---	---	752	1,911
10-11pm	---	---	---	---	---	950	---	---	---	---	---	714	1,664
11-12pm	---	---	---	---	---	911	---	---	---	---	---	558	1,469
Totals	---	---	---	---	---	23,592	---	---	---	---	---	20,213	43,805
7-10am	2,511	168	270	181	160	3,290	3,415	269	78	262	357	4,381	7,671
10am-1pm	2,227	87	161	176	177	2,828	2,142	118	80	118	205	2,663	5,491
1-4pm	3,108	92	155	230	230	3,815	2,603	192	76	74	169	3,114	6,929
4-7pm	4,024	150	316	285	325	5,100	3,177	155	85	72	110	3,599	8,699
7am-7pm	11,870	497	902	872	892	15,033	11,337	734	319	526	841	13,757	28,790

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes Third Avenue Bridge - 2006

	Northbound to Bronx						Southbound to Manhattan						2-Way Totals
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am							---	---	---	---	---	1,137	1,137
1-2am							---	---	---	---	---	724	724
2-3am							---	---	---	---	---	623	623
3-4am							---	---	---	---	---	666	666
4-5am							---	---	---	---	---	1,084	1,084
5-6am							---	---	---	---	---	2,502	2,502
6-7am							---	---	---	---	---	4,126	4,126 **
7-8am							2,564	53	396	535	441	3,989	3,989
8-9am							2,396	34	237	484	504	3,655	3,655
9-10am							2,137	35	282	416	329	3,199	3,199
10-11am							2,352	29	156	151	125	2,813	2,813
11-12am							1,864	52	302	358	221	2,797	2,797
12-1pm							2,364	71	122	137	105	2,799	2,799
1-2pm							2,172	99	189	165	283	2,908	2,908
2-3pm							2,272	113	284	279	327	3,275	3,275
3-4pm							2,914	86	100	81	73	3,254	3,254
4-5pm							2,832	65	153	146	169	3,365	3,365
5-6pm							3,014	59	125	106	89	3,393	3,393
6-7pm							2,907	59	118	79	86	3,249	3,249
7-8pm							---	---	---	---	---	2,973	2,973
8-9pm							---	---	---	---	---	2,592	2,592
9-10pm							---	---	---	---	---	2,452	2,452
10-11pm							---	---	---	---	---	2,427	2,427
11-12pm							---	---	---	---	---	1,872	1,872
Totals							---	---	---	---	---	61,874	61,874
7-10am							7,097	122	915	1,435	1,274	10,843	10,843
10am-1pm							6,580	152	580	646	451	8,409	8,409
1-4pm							7,358	298	573	525	683	9,437	9,437
4-7pm							8,753	183	396	331	344	10,007	10,007
7am-7pm							29,788	755	2,464	2,937	2,752	38,696	38,696

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes University Heights Bridge - 2006

	<i>Eastbound to Bronx</i>						<i>Westbound to Manhattan</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	541	---	---	---	---	---	395	936
1-2am	---	---	---	---	---	391	---	---	---	---	---	272	663
2-3am	---	---	---	---	---	270	---	---	---	---	---	204	474
3-4am	---	---	---	---	---	214	---	---	---	---	---	184	398
4-5am	---	---	---	---	---	243	---	---	---	---	---	279	522
5-6am	---	---	---	---	---	319	---	---	---	---	---	612	931
6-7am	---	---	---	---	---	559	---	---	---	---	---	1,189	1,748
7-8am	581	41	74	36	37	769	1,400	23	36	40	115	1,614	** 2,383
8-9am	690	8	73	52	67	890	1,332	13	28	54	109	1,536	2,426
9-10am	550	7	55	63	64	739	1,104	15	18	57	112	1,306	2,045
10-11am	701	4	36	34	28	803	1,026	4	4	28	61	1,123	1,926
11-12am	662	8	69	81	40	860	960	7	13	61	86	1,127	1,987
12-1pm	806	13	25	28	23	895	1,170	2	6	32	56	1,266	2,161
1-2pm	822	41	40	31	24	958	1,157	4	5	21	39	1,226	2,184
2-3pm	798	13	68	50	47	976	1,117	11	22	50	106	1,306	2,282
3-4pm	950	16	22	28	27	1,043	1,206	42	6	26	53	1,333	2,376
4-5pm	925	4	57	43	33	1,062	** 1,288	20	18	27	95	1,448	2,510
5-6pm	863	0	54	26	40	983	1,361	1	16	15	60	1,453	2,436
6-7pm	842	0	52	18	53	965	1,250	7	11	10	59	1,337	2,302
7-8pm	---	---	---	---	---	1,003	---	---	---	---	---	1,255	2,258
8-9pm	---	---	---	---	---	1,050	---	---	---	---	---	1,109	2,159
9-10pm	---	---	---	---	---	990	---	---	---	---	---	949	1,939
10-11pm	---	---	---	---	---	872	---	---	---	---	---	822	1,694
11-12pm	---	---	---	---	---	798	---	---	---	---	---	580	1,378
Totals	---	---	---	---	---	18,193	---	---	---	---	---	23,925	42,118
7-10am	1,821	56	202	151	168	2,398	3,836	51	82	151	336	4,456	6,854
10am-1pm	2,169	25	130	143	91	2,558	3,156	13	23	121	203	3,516	6,074
1-4pm	2,570	70	130	109	98	2,977	3,480	57	33	97	198	3,865	6,842
4-7pm	2,630	4	163	87	126	3,010	3,899	28	45	52	214	4,238	7,248
7am-7pm	9,190	155	625	490	483	10,943	14,371	149	183	421	951	16,075	27,018

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes Washington Bridge - 2006

	<i>Eastbound to Bronx</i>						<i>Westbound to Manhattan</i>						<i>2-Way Totals</i>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	1,251	---	---	---	---	---	406	1,657
1-2am	---	---	---	---	---	749	---	---	---	---	---	275	1,024
2-3am	---	---	---	---	---	470	---	---	---	---	---	206	676
3-4am	---	---	---	---	---	408	---	---	---	---	---	200	608
4-5am	---	---	---	---	---	429	---	---	---	---	---	280	709
5-6am	---	---	---	---	---	475	---	---	---	---	---	543	1,018
6-7am	---	---	---	---	---	1,105	---	---	---	---	---	1,071	2,176
7-8am	1,554	59	33	53	114	1,813	1,174	55	105	34	24	1,392	3,205
8-9am	1,631	50	30	87	149	1,947	1,181	65	72	54	29	1,401	3,348
9-10am	1,235	40	26	97	93	1,491	1,129	39	57	44	30	1,299	2,790
10-11am	1,189	35	8	33	44	1,309	1,087	39	12	29	25	1,192	2,501
11-12am	1,184	28	17	65	75	1,369	1,003	48	30	32	38	1,151	2,520
12-1pm	1,185	40	18	24	58	1,325	1,127	29	10	21	16	1,203	2,528
1-2pm	1,323	32	5	33	51	1,444	1,209	31	17	20	14	1,291	2,735
2-3pm	1,349	33	24	66	78	1,550	1,239	58	44	53	41	1,435	2,985
3-4pm	1,731	41	12	34	87	1,905	1,398	44	44	44	21	1,551	3,456
4-5pm	1,936	46	59	71	215	2,327	1,354	39	69	84	46	1,592	3,919
5-6pm	2,190	41	61	43	115	2,450	1,399	28	43	32	40	1,542	3,992
6-7pm	2,092	27	37	28	92	2,276	1,203	33	48	16	27	1,327	3,603
7-8pm	---	---	---	---	---	1,825	---	---	---	---	---	1,272	3,097
8-9pm	---	---	---	---	---	1,547	---	---	---	---	---	1,118	2,665
9-10pm	---	---	---	---	---	1,273	---	---	---	---	---	1,040	2,313
10-11pm	---	---	---	---	---	1,091	---	---	---	---	---	1,011	2,102
11-12pm	---	---	---	---	---	1,437	---	---	---	---	---	625	2,062
Totals	---	---	---	---	---	33,266	---	---	---	---	---	24,423	57,689
7-10am	4,420	149	89	237	356	5,251	3,484	159	234	132	83	4,092	9,343
10am-1pm	3,558	103	43	122	177	4,003	3,217	116	52	82	79	3,546	7,549
1-4pm	4,403	106	41	133	216	4,899	3,846	133	105	117	76	4,277	9,176
4-7pm	6,218	114	157	142	422	7,053	3,956	100	160	132	113	4,461	11,514
7am-7pm	18,599	472	330	634	1,171	21,206	14,503	508	551	463	351	16,376	37,582

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes Willis Avenue Bridge - 2006

	<i>Northbound to Bronx</i>						<i>Southbound to Manhattan</i>						<i>2-Way Totals</i>
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	1,948	<i>Bridge is 1-way northbound to The Bronx</i>						1,948
1-2am	---	---	---	---	---	1,161							1,161
2-3am	---	---	---	---	---	777							777
3-4am	---	---	---	---	---	704							704
4-5am	---	---	---	---	---	877							877
5-6am	---	---	---	---	---	1,608							1,608
6-7am	---	---	---	---	---	3,012							3,012
7-8am	3,102	92	144	179	125	3,642							3,642
8-9am	2,697	115	100	195	237	3,344							3,344
9-10am	2,091	123	103	250	231	2,798							2,798
10-11am	2,053	48	66	154	145	2,466							2,466
11-12am	1,905	33	112	273	253	2,576							2,576
12-1pm	2,382	40	50	147	100	2,719							2,719
1-2pm	2,675	25	41	113	142	2,996							2,996
2-3pm	2,475	30	121	356	360	3,342							3,342
3-4pm	3,543	64	61	170	166	4,004							4,004
4-5pm	3,479	40	134	298	468	4,419 **							4,419 **
5-6pm	3,534	63	118	197	435	4,347							4,347
6-7pm	3,598	35	110	126	243	4,112							4,112
7-8pm	---	---	---	---	---	3,739							3,739
8-9pm	---	---	---	---	---	3,300							3,300
9-10pm	---	---	---	---	---	3,147							3,147
10-11pm	---	---	---	---	---	2,837							2,837
11-12pm	---	---	---	---	---	2,337							2,337
Totals	---	---	---	---	---	66,212							66,212
7-10am	7,890	330	347	624	593	9,784							9,784
10am-1pm	6,340	121	228	574	498	7,761							7,761
1-4pm	8,693	119	223	639	668	10,342							10,342
4-7pm	10,611	138	362	621	1,146	12,878							12,878
7am-7pm	33,534	708	1,160	2,458	2,905	40,765							40,765

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes 145th Street Bridge - 2006

	<i>Eastbound to Bronx</i>						<i>Westbound to Manhattan</i>						<i>2-Way Totals</i>
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	241	---	---	---	---	---	183	424
1-2am	---	---	---	---	---	162	---	---	---	---	---	109	271
2-3am	---	---	---	---	---	109	---	---	---	---	---	79	188
3-4am	---	---	---	---	---	100	---	---	---	---	---	74	174
4-5am	---	---	---	---	---	104	---	---	---	---	---	88	192
5-6am	---	---	---	---	---	171	---	---	---	---	---	174	345
6-7am	---	---	---	---	---	284	---	---	---	---	---	552	836
7-8am	451	22	29	29	7	538	714	33	14	31	28	820	1,358
8-9am	487	17	30	32	18	584	733	25	29	24	45	856	1,440
9-10am	433	10	29	46	19	537	559	19	33	26	59	696	1,233
10-11am	455	8	12	21	22	518	402	14	27	21	40	504	1,022
11-12am	398	13	24	54	34	523	377	9	38	39	45	508	1,031
12-1pm	503	11	15	36	15	580	470	9	9	7	11	506	1,086
1-2pm	487	10	28	25	14	564	524	26	10	13	8	581	1,145
2-3pm	409	12	22	70	30	543	512	20	24	23	34	613	1,156
3-4pm	557	14	15	27	19	632	611	24	7	6	9	657	1,289
4-5pm	565	9	37	63	35	709	656	14	12	7	18	707	1,416
5-6pm	553	6	31	46	41	677	607	13	11	7	10	648	1,325
6-7pm	482	15	17	13	27	554	575	19	5	3	8	610	1,164
7-8pm	---	---	---	---	---	549	---	---	---	---	---	562	1,111
8-9pm	---	---	---	---	---	575	---	---	---	---	---	445	1,020
9-10pm	---	---	---	---	---	505	---	---	---	---	---	463	968
10-11pm	---	---	---	---	---	411	---	---	---	---	---	492	903
11-12pm	---	---	---	---	---	349	---	---	---	---	---	287	636
Totals	---	---	---	---	---	10,519	---	---	---	---	---	11,214	21,733
7-10am	1,371	49	88	107	44	1,659	2,006	77	76	81	132	2,372	4,031
10am-1pm	1,356	32	51	111	71	1,621	1,249	32	74	67	96	1,518	3,139
1-4pm	1,453	36	65	122	63	1,739	1,647	70	41	42	51	1,851	3,590
4-7pm	1,600	30	85	122	103	1,940	1,838	46	28	17	36	1,965	3,905
7am-7pm	5,780	147	289	462	281	6,959	6,740	225	219	207	315	7,706	14,665

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# ***Brooklyn-Queens Bridges***

**Brooklyn - Queens Bridges**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<i>Year</i>	<i>Grand Street</i>	<i>Greenpoint Avenue</i>	<i>Kosciuszko</i>	<i>Pulaski</i>	<i>Totals</i>
1948	5,447	15,314	32,761	23,362	76,884
1949	6,007	14,499	30,827	14,445	65,778
1950	6,455	17,822	40,782	13,939	78,998
1951	6,295	21,594	44,886	22,705	95,480
1952	7,053	22,862	49,738	28,716	108,369
1953	7,685	24,360	53,213	23,460	108,718
1954	8,467	24,680	65,154	19,898	118,199
1955	8,040	22,055	53,563	32,360	116,018
1956	7,043	22,393	66,932	24,513	120,881
1957	6,408	23,801	78,216	29,185	137,610
1958	13,537	33,276	39,093	24,191	110,097
1959	11,373	18,702	92,192	21,870	144,137
1960	9,209	18,914	86,322	20,614	135,059
1961	10,843	18,028	93,055	23,935	145,861
1962	11,520	17,450	103,530	28,040	160,540
1963	12,020	17,630	102,190	28,560	160,400
1964	13,570	19,180	106,790	33,030	172,570
1965	8,065	21,965	110,764	30,585	171,379
1966	14,333	21,806	131,298	31,447	198,884
1967	13,437	23,827	132,586	27,845	197,695
1968	18,703	20,890	71,500	35,931	147,024
1969	14,148	24,549	126,858	33,474	199,029
1970	12,121	20,998	136,335	25,255	194,709
1971	11,710	19,189	139,912	29,813	200,624
1972	14,564	34,562	121,443	29,630	200,199
1973	11,723	26,798	99,044	30,472	168,037
1974	8,889	21,195	120,949	29,738	180,771
1975	4,271	19,669	140,882	29,712	194,534
1976	7,280	19,171	140,407	23,843	190,701
1977	8,052	16,513	142,185	25,682	192,432
1978	7,206	18,708	144,408	24,399	194,721
1979	8,912	17,914	141,154	33,334	201,314
1980	10,062	18,681	142,513	24,763	196,019
1981	8,898	15,470	153,985	23,134	201,487
1982	9,203	17,898	129,553	23,134	179,788
1983	10,787	16,528	165,958	28,430	221,703
1984	11,378	18,668	164,865	29,298	224,209
1985	13,791	Closed	168,680	42,579	225,050
1986	11,413	14,338	168,314	30,751	224,816
1987	12,838	14,066	181,056	31,015	238,975
1988	12,845	18,478	158,978	32,570	222,871
1989	13,041	17,473	176,288	33,087	239,889
1990	13,880	20,295	176,940	32,293	243,408
1991	13,940	24,375	166,340	31,817	236,472
1992	13,900	24,093	166,980	26,224	231,197
1993	12,448	25,701	166,592	25,279	230,020
1994	13,175	26,329	166,354	25,799	231,657
1995	13,250	26,936	168,639	28,480	237,305
1996	12,382	26,528	170,504	30,338	239,752
1997	12,875	24,937	189,210	31,563	258,585
1998	15,328	25,604	195,192	32,200	268,324
1999	14,390	26,613	194,784	30,975	266,762
2000	15,508	26,143	200,872	37,421	279,944
2001	13,895	26,766	196,565	39,062	276,288
2002	13,088	26,306	184,379	38,348	262,121
2003	14,139	28,755	194,497	38,346	275,737
2004	13,459	28,437	193,612	40,146	275,654
2005	13,016	29,449	198,813	38,911	280,189
2006	12,893	29,840	184,341	38,224	265,298



# Hourly Vehicular Volumes Grand Street Bridge - 2006

	<i>Eastbound to Queens</i>						<i>Westbound to Brooklyn</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	35	---	---	---	---	---	49	84
1-2am	---	---	---	---	---	45	---	---	---	---	---	41	86
2-3am	---	---	---	---	---	55	---	---	---	---	---	43	98
3-4am	---	---	---	---	---	61	---	---	---	---	---	47	108
4-5am	---	---	---	---	---	72	---	---	---	---	---	70	142
5-6am	---	---	---	---	---	183	---	---	---	---	---	204	387
6-7am	---	---	---	---	---	332	---	---	---	---	---	478	810
7-8am	194	7	6	29	10	246	444	17	33	131	31	656	902
8-9am	155	3	6	59	14	237	309	6	30	162	49	556	793
9-10am	174	12	2	55	18	261	346	11	34	199	56	646	907
10-11am	222	4	4	51	27	308	410	13	14	78	22	537	845
11-12am	201	7	12	114	37	371	281	5	27	107	29	449	820
12-1pm	376	11	4	46	12	449	294	8	12	39	10	363	812
1-2pm	315	6	10	54	17	402	289	13	22	60	15	399	801
2-3pm	310	12	13	121	42	498	200	4	26	118	30	378	876
3-4pm	367	7	4	41	8	427	344	15	10	61	12	442	869
4-5pm	392	13	13	50	19	487	303	8	21	63	17	412	899
5-6pm	391	7	10	56	22	486	289	3	17	53	14	376	862
6-7pm	334	6	8	57	17	422	206	5	11	22	3	247	669
7-8pm	---	---	---	---	---	273	---	---	---	---	---	156	429
8-9pm	---	---	---	---	---	107	---	---	---	---	---	117	224
9-10pm	---	---	---	---	---	67	---	---	---	---	---	112	179
10-11pm	---	---	---	---	---	89	---	---	---	---	---	72	161
11-12pm	---	---	---	---	---	60	---	---	---	---	---	70	130
Totals	---	---	---	---	---	5,973	---	---	---	---	---	6,920	12,893
7-10am	523	22	14	143	42	744	1,099	34	97	492	136	1,858	2,602
10am-1pm	799	22	20	211	76	1,128	985	26	53	224	61	1,349	2,477
1-4pm	992	25	27	216	67	1,327	833	32	58	239	57	1,219	2,546
4-7pm	1,117	26	31	163	58	1,395	798	16	49	138	34	1,035	2,430
7am-7pm	3,431	95	92	733	243	4,594	3,715	108	257	1,093	288	5,461	10,055

Based on 1989 Classification Survey Data:

\*\* Peak Volumes

# Hourly Vehicular Volumes Greenpoint Avenue Bridge - 2006

	<i>Eastbound to Queens</i>						<i>Westbound to Brooklyn</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	302	---	---	---	---	---	118	420
1-2am	---	---	---	---	---	283	---	---	---	---	---	86	369
2-3am	---	---	---	---	---	141	---	---	---	---	---	67	208
3-4am	---	---	---	---	---	96	---	---	---	---	---	79	175
4-5am	---	---	---	---	---	174	---	---	---	---	---	152	326
5-6am	---	---	---	---	---	358	---	---	---	---	---	425	783
6-7am	---	---	---	---	---	908	---	---	---	---	---	1,039	1,947
7-8am	768	15	26	165	55	1,029	668	10	52	204	81	1,015	2,044
8-9am	614	17	28	233	54	946	613	11	31	174	77	906	1,852
9-10am	464	8	31	240	81	824	402	13	49	241	103	808	1,632
10-11am	607	4	8	88	40	747	512	5	26	147	50	740	1,487
11-12am	442	12	18	184	77	733	300	5	18	218	120	661	1,394
12-1pm	576	3	12	81	27	699	503	6	28	122	63	722	1,421
1-2pm	646	11	16	91	22	786	499	16	38	124	44	721	1,507
2-3pm	686	8	30	215	104	1,043	181	11	96	358	136	782	1,825
3-4pm	1,051	10	12	101	41	1,215 **	842	8	29	120	35	1,034	2,249 **
4-5pm	765	12	34	128	79	1,018	964	12	43	144	65	1,228 **	2,246
5-6pm	851	9	34	131	74	1,099	782	10	59	87	68	1,006	2,105
6-7pm	758	16	21	97	68	960	481	14	21	59	37	612	1,572
7-8pm	---	---	---	---	---	713	---	---	---	---	---	438	1,151
8-9pm	---	---	---	---	---	553	---	---	---	---	---	534	1,087
9-10pm	---	---	---	---	---	355	---	---	---	---	---	513	868
10-11pm	---	---	---	---	---	308	---	---	---	---	---	416	724
11-12pm	---	---	---	---	---	232	---	---	---	---	---	216	448
Totals	---	---	---	---	---	15,522	---	---	---	---	---	14,318	29,840
7-10am	1,846	40	85	638	190	2,799	1,683	34	132	619	261	2,729	5,528
10am-1pm	1,625	19	38	353	144	2,179	1,315	16	72	487	233	2,123	4,302
1-4pm	2,383	29	58	407	167	3,044	1,522	35	163	602	215	2,537	5,581
4-7pm	2,374	37	89	356	221	3,077	2,227	36	123	290	170	2,846	5,923
7am-7pm	8,228	125	270	1,754	722	11,099	6,747	121	490	1,998	879	10,235	21,334

Based on 1989 Classification Survey Data:

\*\* Peak Volumes

# Hourly Vehicular Volumes Kosciuszko Bridge - 2006

	<i>Eastbound to Queens</i>						<i>Westbound to Brooklyn</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	2,207	---	---	---	---	---	1,837	4,044
1-2am	---	---	---	---	---	1,725	---	---	---	---	---	1,199	2,924
2-3am	---	---	---	---	---	1,500	---	---	---	---	---	966	2,466
3-4am	---	---	---	---	---	1,800	---	---	---	---	---	1,117	2,917
4-5am	---	---	---	---	---	2,881	---	---	---	---	---	1,767	4,648
5-6am	---	---	---	---	---	4,141	---	---	---	---	---	3,768	7,909
6-7am	---	---	---	---	---	5,177	---	---	---	---	---	5,120	10,297
7-8am	4,073	54	110	427	276	4,940	4,104	12	55	325	307	4,803	9,743
8-9am	3,875	18	123	430	286	4,732	3,898	12	33	369	322	4,634	9,366
9-10am	3,717	37	107	407	314	4,582	3,740	14	59	488	348	4,649	9,231
10-11am	3,793	21	105	252	198	4,369	3,792	6	32	223	147	4,200	8,569
11-12am	3,562	12	193	597	432	4,796	3,223	6	62	497	264	4,052	8,848
12-1pm	4,539	11	78	290	203	5,121	3,719	7	64	296	149	4,235	9,356
1-2pm	3,759	38	117	507	422	4,843	3,324	9	79	543	362	4,317	9,160
2-3pm	3,256	17	138	421	375	4,207	3,576	13	73	534	370	4,566	8,773
3-4pm	4,266	14	69	99	202	4,650	4,274	18	23	228	165	4,708	9,358
4-5pm	4,218	22	120	216	394	4,970	3,947	16	64	317	256	4,600	9,570
5-6pm	4,374	18	86	308	273	5,059	3,726	7	43	288	270	4,334	9,393
6-7pm	4,829	11	78	108	288	5,314	3,726	7	16	188	244	4,181	9,495
7-8pm	---	---	---	---	---	5,050	---	---	---	---	---	4,063	9,113
8-9pm	---	---	---	---	---	4,514	---	---	---	---	---	3,750	8,264
9-10pm	---	---	---	---	---	4,127	---	---	---	---	---	3,751	7,878
10-11pm	---	---	---	---	---	3,690	---	---	---	---	---	3,480	7,170
11-12pm	---	---	---	---	---	2,977	---	---	---	---	---	2,872	5,849
Totals	---	---	---	---	---	97,372	---	---	---	---	---	86,969	184,341
7-10am	11,665	109	340	1,264	876	14,254	11,742	38	147	1,182	977	14,086	28,340
10am-1pm	11,894	44	376	1,139	833	14,286	10,734	19	158	1,016	560	12,487	26,773
1-4pm	11,281	69	324	1,027	999	13,700	11,174	40	175	1,305	897	13,591	27,291
4-7pm	13,421	51	284	632	955	15,343	11,399	30	123	793	770	13,115	28,458
7am-7pm	48,261	273	1,324	4,062	3,663	57,583	45,049	127	603	4,296	3,204	53,279	110,862

Based on 1989 Classification Survey Data:

\*\* Peak Volumes

# Hourly Vehicular Volumes Pulaski Bridge - 2006

	Northbound to Queens						Southbound to Brooklyn						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	377	---	---	---	---	---	357	734
1-2am	---	---	---	---	---	316	---	---	---	---	---	209	525
2-3am	---	---	---	---	---	199	---	---	---	---	---	168	367
3-4am	---	---	---	---	---	164	---	---	---	---	---	150	314
4-5am	---	---	---	---	---	261	---	---	---	---	---	179	440
5-6am	---	---	---	---	---	653	---	---	---	---	---	326	979
6-7am	---	---	---	---	---	1,370	---	---	---	---	---	647	2,017
7-8am	1,164	25	55	178	153	1,575 **	679	14	27	189	114	1,023	2,598
8-9am	1,121	19	44	207	157	1,548	720	13	36	202	160	1,131	2,679
9-10am	787	18	50	228	160	1,243	580	16	26	188	144	954	2,197
10-11am	772	13	25	114	83	1,007	688	11	18	89	62	868	1,875
11-12am	525	11	42	213	149	940	503	14	35	200	130	882	1,822
12-1pm	779	10	19	109	83	1,000	740	11	16	95	59	921	1,921
1-2pm	728	19	25	115	82	969	755	20	28	99	54	956	1,925
2-3pm	667	18	39	212	159	1,095	674	15	38	298	111	1,136	2,231
3-4pm	962	21	17	104	79	1,183	1,162	20	27	112	84	1,405	2,588
4-5pm	877	10	37	112	130	1,166	1,258	12	51	174	147	1,642 **	2,808 **
5-6pm	930	8	42	41	109	1,130	1,213	9	33	108	112	1,475	2,605
6-7pm	708	12	33	58	84	895	912	10	23	65	74	1,084	1,979
7-8pm	---	---	---	---	---	779	---	---	---	---	---	810	1,589
8-9pm	---	---	---	---	---	575	---	---	---	---	---	653	1,228
9-10pm	---	---	---	---	---	448	---	---	---	---	---	553	1,001
10-11pm	---	---	---	---	---	423	---	---	---	---	---	481	904
11-12pm	---	---	---	---	---	408	---	---	---	---	---	490	898
Totals	---	---	---	---	---	19,724	---	---	---	---	---	18,500	38,224
7-10am	3,072	62	149	613	470	4,366	1,979	43	89	579	418	3,108	7,474
10am-1pm	2,076	34	86	436	315	2,947	1,931	36	69	384	251	2,671	5,618
1-4pm	2,357	58	81	431	320	3,247	2,591	55	93	509	249	3,497	6,744
4-7pm	2,515	30	112	211	323	3,191	3,383	31	107	347	333	4,201	7,392
7am-7pm	10,020	184	428	1,691	1,428	13,751	9,884	165	358	1,819	1,251	13,477	27,228

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# ***Bronx Bridges***

**Bronx Bridges**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<i><b>Year</b></i>	<i><b>City Island</b></i>	<i><b>East 174th Street</b></i>	<i><b>Eastchester</b></i>	<i><b>Eastern Boulevard</b></i>	<i><b>Hutchinson River Pky</b></i>
1948	4,249	8,995	15,012	44,563	15,085
1949	4,078	8,287	11,322	42,615	20,087
1950	3,712	10,607	13,715	48,184	21,513
1951	3,588	11,187	14,992	46,804	21,237
1952	3,474	11,588	15,964	68,245	24,247
1953	4,850	9,996	14,341	58,492	32,805
1954	3,969	11,299	15,079	78,010	24,706
1955	3,855	11,533	14,087	60,892	27,337
1956	5,377	8,329	14,715	63,449	37,155
1957	5,301	8,873	13,163	60,323	33,533
1958	3,925	6,927	11,192	56,647	34,067
1959	4,442	8,539	11,728	50,787	31,559
1960	6,071	9,259	9,527	67,082	33,048
1961	7,167	12,863	5,491	71,734	34,858
1962	6,030	12,420	8,590	85,070	28,330
1963	7,210	9,190	10,840	80,840	35,690
1964	8,930	10,540	11,480	94,660	37,790
1965	9,909	10,272	12,853	94,167	48,870
1966	7,512	10,867	12,000	88,510	52,483
1967	8,269	12,583	12,000	70,612	47,693
1968	8,508	12,296	11,472	82,581	50,427
1969	9,267	11,034	13,940	93,850	48,629
1970	8,996	10,924	15,977	106,685	42,887
1971	8,724	10,473	26,743	126,757	49,136
1972	9,433	10,676	22,801	145,755	47,487
1973	12,481	11,909	21,800	104,293	51,137
1974	10,009	9,994	20,724	124,668	47,737
1975	11,836	9,356	20,599	123,389	51,629
1976	10,112	9,632	17,351	124,087	52,498
1977	10,073	7,493	17,935	114,478	51,613
1978	10,559	7,967	19,595	122,745	68,239
1979	10,355	6,203	16,893	128,836	47,187
1980	9,922	6,328	17,644	126,040	57,192
1981	10,216	6,037	17,723	125,133	59,824
1982	10,447	6,641	18,848	125,945	69,091
1983	11,056	10,252	18,162	130,492	59,615
1984	11,715	10,134	21,448	136,387	69,925
1985	10,180	<i>Closed</i>	20,955	138,725	59,455
1986	14,063	9,632	20,571	147,789	78,211
1987	12,639	10,489	22,870	154,741	79,179
1988	13,444	10,659	23,275	154,385	80,904
1989	13,843	11,574	19,307	136,008	85,410
1990	16,240	13,702	20,559	117,384	91,280
1991	15,299	14,587	20,520	122,414	76,794
1992	13,960	15,558	20,783	123,097	76,641
1993	13,938	13,734	20,825	128,713	78,053
1994	13,867	12,876	19,997	125,592	80,773
1995	14,911	12,428	18,872	130,647	85,985
1996	14,062	12,719	20,172	133,517	84,158
1997	14,264	11,955	21,001	133,278	85,703
1998	14,954	13,758	21,415	151,238	93,304
1999	16,863	5,667	21,510	157,987	98,700
2000	18,844	11,838	22,583	163,954	105,792
2001	20,012	12,093	22,810	169,437	108,191
2002	16,637	12,786	22,255	178,983	110,141
2003	14,617	14,229	24,193	170,735	117,195
2004	14,528	12,184	22,480	178,724	119,029
2005	15,297	13,632	22,318	183,743	118,387
2006	15,339	13,662	20,890	182,579	120,599

**Bronx Bridges (cont'd)**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<b>Year</b>	<b>Pelham</b>	<b>Unionport</b>	<b>Westchester Avenue</b>	<b>Totals</b>
1948	5,084	37,359	10,900	141,247
1949	5,252	30,278	13,763	135,682
1950	5,872	32,969	14,401	150,973
1951	4,357	30,100	12,962	145,227
1952	4,511	40,854	14,570	183,453
1953	4,331	38,468	14,716	177,999
1954	5,998	28,890	15,106	183,057
1955	4,122	45,292	13,131	180,249
1956	6,908	47,992	13,884	197,809
1957	6,824	45,010	11,004	184,031
1958	5,599	69,044	9,547	196,948
1959	5,731	62,198	13,547	188,531
1960	6,844	59,433	14,493	205,757
1961	9,857	107,115	10,820	259,905
1962	6,410	104,820	11,350	263,020
1963	9,780	113,680	24,010	291,240
1964	11,010	134,200	19,580	328,190
1965	13,345	139,724	22,218	351,358
1966	10,064	149,176	23,417	354,029
1967	11,025	149,032	26,768	337,982
1968	15,521	177,024	31,690	389,519
1969	11,624	168,297	22,213	378,854
1970	11,320	146,748	23,067	366,604
1971	13,098	135,254	20,855	391,040
1972	16,440	70,659	22,291	345,542
1973	10,852	30,459	29,185	272,116
1974	12,963	33,528	22,386	282,009
1975	12,992	34,648	20,323	284,772
1976	13,284	29,903	23,448	280,315
1977	12,177	33,289	21,422	268,480
1978	14,866	36,515	20,762	301,248
1979	12,978	34,574	20,640	277,666
1980	16,327	28,702	22,228	284,383
1981	13,210	34,492	21,298	287,933
1982	Closed	37,935	22,693	291,600
1983	10,740	38,676	22,693	301,686
1984	14,862	41,548	Closed	306,019
1985	12,603	42,915	26,239	311,072
1986	15,753	45,382	24,856	356,257
1987	14,498	45,450	22,624	362,490
1988	15,144	41,573	25,186	364,570
1989	15,644	43,696	29,445	354,927
1990	18,728	38,541	27,140	343,574
1991	20,917	37,842	30,548	338,921
1992	23,895	40,348	29,462	343,744
1993	20,235	40,385	20,893	336,776
1994	23,960	41,910	21,540	340,515
1995	23,598	39,811	21,757	348,009
1996	24,807	47,953	24,117	361,505
1997	22,963	47,941	25,741	362,846
1998	23,264	48,975	25,863	392,771
1999	21,430	50,563	31,214	403,934
2000	23,007	49,006	29,922	424,946
2001	22,694	52,418	31,584	439,239
2002	15,663	51,347	29,551	437,363
2003	18,023	60,993	28,201	448,186
2004	18,292	60,908	26,861	453,006
2005	17,972	60,605	27,195	459,149
2006	16,749	61,262	24,921	456,001

# Hourly Vehicular Volumes City Island Bridge - 2006

	<i>Eastbound</i>						<i>Westbound</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	60	---	---	---	---	---	88	148
1-2am	---	---	---	---	---	37	---	---	---	---	---	38	75
2-3am	---	---	---	---	---	21	---	---	---	---	---	25	46
3-4am	---	---	---	---	---	15	---	---	---	---	---	13	28
4-5am	---	---	---	---	---	18	---	---	---	---	---	29	47
5-6am	---	---	---	---	---	49	---	---	---	---	---	97	146
6-7am	---	---	---	---	---	129	---	---	---	---	---	309	438
7-8am	196	8	11	5	16	236	521	11	0	22	23	577	813
8-9am	254	15	13	8	38	328	436	15	0	15	34	500	828
9-10am	211	4	4	7	26	252	302	4	0	9	18	333	585
10-11am	285	0	4	7	9	305	300	3	1	8	2	314	619
11-12am	321	5	9	6	33	374	321	6	0	2	3	332	706
12-1pm	459	2	10	4	23	498	367	9	0	4	2	382	880
1-2pm	426	2	1	6	21	456	415	2	0	6	20	443	899
2-3pm	426	10	14	20	41	511	442	11	3	24	34	514	1,025
3-4pm	648	13	7	9	16	693	458	14	0	5	10	487	1,180
4-5pm	529	2	22	11	43	607	445	2	0	8	27	482	1,089
5-6pm	623	7	12	8	23	673	435	5	0	9	18	467	1,140
6-7pm	642	5	6	10	17	680	412	6	0	7	10	435	1,115
7-8pm	---	---	---	---	---	606	---	---	---	---	---	413	1,019
8-9pm	---	---	---	---	---	455	---	---	---	---	---	440	895
9-10pm	---	---	---	---	---	365	---	---	---	---	---	409	774
10-11pm	---	---	---	---	---	222	---	---	---	---	---	275	497
11-12pm	---	---	---	---	---	146	---	---	---	---	---	201	347
Totals	---	---	---	---	---	7,736	---	---	---	---	---	7,603	15,339
7-10am	661	27	28	20	80	816	1,259	30	0	46	75	1,410	2,226
10am-1pm	1,065	7	23	17	65	1,177	988	18	1	14	7	1,028	2,205
1-4pm	1,500	25	22	35	78	1,660	1,315	27	3	35	64	1,444	3,104
4-7pm	1,794	14	40	29	83	1,960	1,292	13	0	24	55	1,384	3,344
7am-7pm	5,020	73	113	101	306	5,613	4,854	88	4	119	201	5,266	10,879

Based on 1989 Classification Survey Data:

\*\* Peak Volumes



# Hourly Vehicular Volumes East 174th Street Bridge - 2006

	<i>Eastbound</i>						<i>Westbound</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	92	---	---	---	---	---	92	184
1-2am	---	---	---	---	---	50	---	---	---	---	---	46	96
2-3am	---	---	---	---	---	41	---	---	---	---	---	35	76
3-4am	---	---	---	---	---	25	---	---	---	---	---	28	53
4-5am	---	---	---	---	---	37	---	---	---	---	---	35	72
5-6am	---	---	---	---	---	89	---	---	---	---	---	83	172
6-7am	---	---	---	---	---	181	---	---	---	---	---	249	430
7-8am	302	28	9	13	15	367	620	32	23	8	41	724	1,091
8-9am	312	46	10	30	12	410	580	30	26	13	41	690	1,100
9-10am	252	25	10	15	18	320	309	14	10	8	28	369	689
10-11am	245	15	5	12	8	285	277	23	4	4	1	309	594
11-12am	226	19	19	29	24	317	278	12	4	23	28	345	662
12-1pm	290	10	10	14	13	337	308	17	4	6	8	343	680
1-2pm	294	8	9	9	12	332	336	15	6	5	10	372	704
2-3pm	348	30	23	33	20	454	344	33	13	17	29	436	890
3-4pm	401	28	10	11	11	461	394	33	8	1	22	458	919
4-5pm	410	11	20	25	21	487	437	16	14	14	27	508	995
5-6pm	447	12	13	18	17	507	454	18	12	1	22	507	1,014
6-7pm	381	17	6	10	15	429	365	12	12	3	13	405	834
7-8pm	---	---	---	---	---	383	---	---	---	---	---	349	732
8-9pm	---	---	---	---	---	289	---	---	---	---	---	287	576
9-10pm	---	---	---	---	---	257	---	---	---	---	---	212	469
10-11pm	---	---	---	---	---	194	---	---	---	---	---	166	360
11-12pm	---	---	---	---	---	145	---	---	---	---	---	125	270
Totals	---	---	---	---	---	6,489	---	---	---	---	---	7,173	13,662
7-10am	866	99	29	58	45	1,097	1,509	76	59	29	110	1,783	2,880
10am-1pm	761	44	34	55	45	939	863	52	12	33	37	997	1,936
1-4pm	1,043	66	42	53	43	1,247	1,074	81	27	23	61	1,266	2,513
4-7pm	1,238	40	39	53	53	1,423	1,256	46	38	18	62	1,420	2,843
7am-7pm	3,908	249	144	219	186	4,706	4,702	255	136	103	270	5,466	10,172

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes Eastchester Bridge - 2006

	Northbound						Southbound						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	90	---	---	---	---	---	102	192
1-2am	---	---	---	---	---	52	---	---	---	---	---	55	107
2-3am	---	---	---	---	---	37	---	---	---	---	---	33	70
3-4am	---	---	---	---	---	40	---	---	---	---	---	43	83
4-5am	---	---	---	---	---	68	---	---	---	---	---	74	142
5-6am	---	---	---	---	---	157	---	---	---	---	---	175	332
6-7am	---	---	---	---	---	384	---	---	---	---	---	385	769
7-8am	501	16	0	29	22	568	596	10	10	82	23	721	1,289
8-9am	547	13	0	48	38	646	539	14	16	89	29	687	1,333
9-10am	429	14	0	35	29	507	392	19	20	121	43	595	1,102
10-11am	482	6	0	21	17	526	493	8	14	36	18	569	1,095
11-12am	512	5	0	32	37	586	459	8	16	79	36	598	1,184
12-1pm	601	8	0	11	21	641	573	6	6	28	17	630	1,271
1-2pm	594	7	0	12	17	630	612	7	4	36	11	670	1,300
2-3pm	636	15	0	33	22	706	558	10	14	103	27	712	1,418
3-4pm	738	14	0	20	19	791	668	15	9	42	11	745	1,536
4-5pm	662	8	0	22	33	725	699	8	14	39	20	780	1,505
5-6pm	676	8	0	24	35	743	717	9	12	37	27	802	1,545
6-7pm	587	10	0	11	12	620	638	16	8	31	8	701	1,321
7-8pm	---	---	---	---	---	454	---	---	---	---	---	557	1,011
8-9pm	---	---	---	---	---	360	---	---	---	---	---	440	800
9-10pm	---	---	---	---	---	280	---	---	---	---	---	362	642
10-11pm	---	---	---	---	---	201	---	---	---	---	---	275	476
11-12pm	---	---	---	---	---	139	---	---	---	---	---	228	367
Totals	---	---	---	---	---	9,951	---	---	---	---	---	10,939	20,890
7-10am	1,477	43	0	112	89	1,721	1,527	43	46	292	95	2,003	3,724
10am-1pm	1,595	19	0	64	75	1,753	1,525	22	36	143	71	1,797	3,550
1-4pm	1,968	36	0	65	58	2,127	1,838	32	27	181	49	2,127	4,254
4-7pm	1,925	26	0	57	80	2,088	2,054	33	34	107	55	2,283	4,371
7am-7pm	6,965	124	0	298	302	7,689	6,944	130	143	723	270	8,210	15,899

Based on 1989 Classification Survey Data:

\*\* Peak Volumes

# Hourly Vehicular Volumes Eastern Boulevard Bridge - 2006

	<i>Eastbound</i>						<i>Westbound</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	1,909	---	---	---	---	---	1,242	3,151
1-2am	---	---	---	---	---	1,078	---	---	---	---	---	793	1,871
2-3am	---	---	---	---	---	772	---	---	---	---	---	649	1,421
3-4am	---	---	---	---	---	663	---	---	---	---	---	723	1,386
4-5am	---	---	---	---	---	818	---	---	---	---	---	1,239	2,057
5-6am	---	---	---	---	---	1,610	---	---	---	---	---	3,153	4,763
6-7am	---	---	---	---	---	3,242	---	---	---	---	---	5,459	8,701
7-8am	3,819	58	72	429	140	4,518	5,258	95	114	338	248	6,053	10,571
8-9am	3,856	112	103	547	231	4,849	5,203	73	139	443	285	6,143	10,992
9-10am	3,254	102	117	544	211	4,228	4,436	45	83	323	235	5,122	9,350
10-11am	3,496	25	52	287	110	3,970	4,377	38	57	173	103	4,748	8,718
11-12am	3,374	17	153	451	272	4,267	3,949	27	110	305	214	4,605	8,872
12-1pm	3,987	22	72	219	127	4,427	4,203	28	34	176	101	4,542	8,969
1-2pm	4,455	29	1	157	89	4,731	4,117	54	56	167	59	4,453	9,184
2-3pm	4,845	43	0	272	201	5,361	4,086	111	89	338	130	4,754	10,115
3-4pm	6,104	44	0	163	102	6,413	4,771	69	43	185	53	5,121	11,534
4-5pm	6,114	39	0	322	203	6,678	4,253	103	122	282	166	4,926	11,604
5-6pm	6,472	67	0	102	187	6,828	4,641	36	140	179	89	5,085	11,913
6-7pm	6,043	49	0	167	162	6,421	4,406	38	79	88	62	4,673	11,094
7-8pm	---	---	---	---	---	5,336	---	---	---	---	---	4,095	9,431
8-9pm	---	---	---	---	---	4,242	---	---	---	---	---	3,468	7,710
9-10pm	---	---	---	---	---	4,123	---	---	---	---	---	3,207	7,330
10-11pm	---	---	---	---	---	3,762	---	---	---	---	---	2,923	6,685
11-12pm	---	---	---	---	---	2,925	---	---	---	---	---	2,232	5,157
Totals	---	---	---	---	---	93,171	---	---	---	---	---	89,408	182,579
7-10am	10,929	272	292	1,520	582	13,595	14,897	213	336	1,104	768	17,318	30,913
10am-1pm	10,857	64	277	957	509	12,664	12,529	93	201	654	418	13,895	26,559
1-4pm	15,404	116	1	592	392	16,505	12,974	234	188	690	242	14,328	30,833
4-7pm	18,629	155	0	591	552	19,927	13,300	177	341	549	317	14,684	34,611
7am-7pm	55,819	607	570	3,660	2,035	62,691	53,700	717	1,066	2,997	1,745	60,225	122,916

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes Hutchinson River Parkway Bridge - 2006

	Northbound						Southbound						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	759	---	---	---	---	---	541	1,300
1-2am	---	---	---	---	---	436	---	---	---	---	---	273	709
2-3am	---	---	---	---	---	249	---	---	---	---	---	174	423
3-4am	---	---	---	---	---	211	---	---	---	---	---	213	424
4-5am	---	---	---	---	---	346	---	---	---	---	---	598	944
5-6am	---	---	---	---	---	1,154	---	---	---	---	---	1,724	2,878
6-7am	---	---	---	---	---	2,948	---	---	---	---	---	3,034	5,982
7-8am	4,233	4	109	158	78	4,582 **	3,474	1	17	8	95	3,595	8,177
8-9am	4,051	7	72	140	56	4,326	3,399	2	5	6	67	3,479	7,805
9-10am	2,980	1	83	105	67	3,236	2,879	7	13	11	85	2,995	6,231
10-11am	2,743	3	38	63	35	2,882	2,606	3	6	6	27	2,648	5,530
11-12am	2,385	0	109	105	67	2,666	2,540	0	9	11	120	2,680	5,346
12-1pm	2,616	0	32	55	26	2,729	2,681	0	3	3	38	2,725	5,454
1-2pm	2,774	7	51	70	33	2,935	2,862	6	8	0	62	2,938	5,873
2-3pm	3,165	5	125	177	68	3,540	3,235	6	14	6	112	3,373	6,913
3-4pm	4,028	3	61	78	38	4,208	3,779	12	3	3	71	3,868	8,076
4-5pm	3,741	1	88	235	83	4,148	4,096	0	18	0	76	4,190	8,338
5-6pm	3,757	1	84	140	62	4,044	4,367	0	12	9	98	4,486 **	8,530 **
6-7pm	3,676	0	76	106	62	3,920	3,955	0	16	2	82	4,055	7,975
7-8pm	---	---	---	---	---	3,513	---	---	---	---	---	3,447	6,960
8-9pm	---	---	---	---	---	2,869	---	---	---	---	---	2,580	5,449
9-10pm	---	---	---	---	---	2,489	---	---	---	---	---	2,102	4,591
10-11pm	---	---	---	---	---	2,266	---	---	---	---	---	1,694	3,960
11-12pm	---	---	---	---	---	1,621	---	---	---	---	---	1,110	2,731
Totals	---	---	---	---	---	62,077	---	---	---	---	---	58,522	120,599
7-10am	11,264	12	264	403	201	12,144	9,752	10	35	25	247	10,069	22,213
10am-1pm	7,744	3	179	223	128	8,277	7,827	3	18	20	185	8,053	16,330
1-4pm	9,967	15	237	325	139	10,683	9,876	24	25	9	245	10,179	20,862
4-7pm	11,174	2	248	481	207	12,112	12,418	0	46	11	256	12,731	24,843
7am-7pm	40,149	32	928	1,432	675	43,216	39,873	37	124	65	933	41,032	84,248

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes Pelham Bridge - 2006

	<i>Northbound</i>						<i>Southbound</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	72	---	---	---	---	---	102	174
1-2am	---	---	---	---	---	46	---	---	---	---	---	35	81
2-3am	---	---	---	---	---	20	---	---	---	---	---	30	50
3-4am	---	---	---	---	---	18	---	---	---	---	---	13	31
4-5am	---	---	---	---	---	22	---	---	---	---	---	22	44
5-6am	---	---	---	---	---	159	---	---	---	---	---	78	237
6-7am	---	---	---	---	---	345	---	---	---	---	---	274	619
7-8am	330	15	12	24	17	398	442	14	11	20	19	506	904
8-9am	342	15	5	30	26	418	386	15	12	34	33	480	898
9-10am	295	7	2	22	25	351	294	5	7	31	19	356	707
10-11am	288	2	3	26	20	339	250	6	8	8	19	291	630
11-12am	350	4	5	21	29	409	262	4	10	51	22	349	758
12-1pm	432	10	2	5	15	464	438	13	3	11	7	472	936
1-2pm	494	7	0	14	9	524	448	8	7	17	11	491	1,015
2-3pm	543	22	9	32	35	641	486	13	6	29	19	553	1,194
3-4pm	584	13	1	15	22	635	531	22	5	17	10	585	1,220
4-5pm	573	6	4	14	32	629	524	7	2	17	15	565	1,194
5-6pm	613	8	3	19	32	675 **	530	14	15	12	29	600 **	1,275 **
6-7pm	594	8	3	4	24	633	498	8	12	17	12	547	1,180
7-8pm	---	---	---	---	---	520	---	---	---	---	---	459	979
8-9pm	---	---	---	---	---	392	---	---	---	---	---	556	948
9-10pm	---	---	---	---	---	339	---	---	---	---	---	420	759
10-11pm	---	---	---	---	---	227	---	---	---	---	---	286	513
11-12pm	---	---	---	---	---	147	---	---	---	---	---	256	403
Totals	---	---	---	---	---	8,423	---	---	---	---	---	8,326	16,749
7-10am	967	37	19	76	68	1,167	1,122	34	30	85	71	1,342	2,509
10am-1pm	1,070	16	10	52	64	1,212	950	23	21	70	48	1,112	2,324
1-4pm	1,621	42	10	61	66	1,800	1,465	43	18	63	40	1,629	3,429
4-7pm	1,780	22	10	37	88	1,937	1,552	29	29	46	56	1,712	3,649
7am-7pm	5,438	117	49	226	286	6,116	5,089	129	98	264	215	5,795	11,911

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes Unionport Bridge - 2006

	<i>Eastbound</i>						<i>Westbound</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	292	---	---	---	---	---	286	578
1-2am	---	---	---	---	---	165	---	---	---	---	---	173	338
2-3am	---	---	---	---	---	128	---	---	---	---	---	132	260
3-4am	---	---	---	---	---	139	---	---	---	---	---	148	287
4-5am	---	---	---	---	---	191	---	---	---	---	---	317	508
5-6am	---	---	---	---	---	546	---	---	---	---	---	948	1,494
6-7am	---	---	---	---	---	1,149	---	---	---	---	---	1,822	2,971
7-8am	1,711	45	26	143	47	1,972	2,523	49	3	53	76	2,704 **	4,676 **
8-9am	1,518	37	47	130	68	1,800	2,260	28	0	78	57	2,423	4,223
9-10am	1,058	29	52	112	70	1,321	1,555	21	0	45	60	1,681	3,002
10-11am	1,095	16	17	71	41	1,240	1,438	20	0	17	52	1,527	2,767
11-12am	1,065	14	55	150	73	1,357	1,354	16	0	88	105	1,563	2,920
12-1pm	1,319	14	29	83	38	1,483	1,512	11	0	35	30	1,588	3,071
1-2pm	1,329	11	44	158	86	1,628	1,552	23	2	112	112	1,801	3,429
2-3pm	1,707	19	51	155	63	1,995	1,792	29	0	108	111	2,040	4,035
3-4pm	2,122	16	20	71	42	2,271 **	2,032	51	0	49	72	2,204	4,475
4-5pm	1,930	19	40	154	75	2,218	1,972	31	0	74	147	2,224	4,442
5-6pm	1,939	25	49	141	41	2,195	1,948	31	0	68	82	2,129	4,324
6-7pm	1,697	34	46	101	35	1,913	1,709	19	0	32	54	1,814	3,727
7-8pm	---	---	---	---	---	1,512	---	---	---	---	---	1,473	2,985
8-9pm	---	---	---	---	---	1,190	---	---	---	---	---	1,162	2,352
9-10pm	---	---	---	---	---	997	---	---	---	---	---	968	1,965
10-11pm	---	---	---	---	---	687	---	---	---	---	---	710	1,397
11-12pm	---	---	---	---	---	511	---	---	---	---	---	525	1,036
Totals	---	---	---	---	---	28,900	---	---	---	---	---	32,362	61,262
7-10am	4,287	111	125	385	185	5,093	6,338	98	3	176	193	6,808	11,901
10am-1pm	3,479	44	101	304	152	4,080	4,304	47	0	140	187	4,678	8,758
1-4pm	5,158	46	115	384	191	5,894	5,376	103	2	269	295	6,045	11,939
4-7pm	5,566	78	135	396	151	6,326	5,629	81	0	174	283	6,167	12,493
7am-7pm	18,490	279	476	1,469	679	21,393	21,647	329	5	759	958	23,698	45,091

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# **Hourly Vehicular Volumes Westchester Avenue Bridge - 2006**

	<i><b>Eastbound</b></i>						<i><b>Westbound</b></i>						<i><b>2-Way Totals</b></i>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	220	---	---	---	---	---	147	367
1-2am	---	---	---	---	---	127	---	---	---	---	---	93	220
2-3am	---	---	---	---	---	99	---	---	---	---	---	68	167
3-4am	---	---	---	---	---	79	---	---	---	---	---	57	136
4-5am	---	---	---	---	---	104	---	---	---	---	---	84	188
5-6am	---	---	---	---	---	200	---	---	---	---	---	168	368
6-7am	---	---	---	---	---	416	---	---	---	---	---	462	878
7-8am	564	34	17	25	22	662	887	40	1	25	64	1,017 **	1,679
8-9am	663	56	8	27	26	780	767	41	1	31	44	884	1,664
9-10am	624	31	13	13	19	700	495	13	0	22	48	578	1,278
10-11am	606	32	4	10	14	666	529	17	0	12	9	567	1,233
11-12am	599	27	8	33	41	708	473	17	0	37	57	584	1,292
12-1pm	712	22	2	8	15	759	510	19	0	25	25	579	1,338
1-2pm	679	41	8	16	16	760	564	21	0	11	26	622	1,382
2-3pm	732	53	6	32	47	870	559	29	0	20	42	650	1,520
3-4pm	865	66	1	14	11	957	619	22	0	12	15	668	1,625
4-5pm	904	37	21	21	18	1,001	619	29	0	20	38	706	1,707 **
5-6pm	927	21	11	20	32	1,011 **	599	17	0	18	62	696	1,707 **
6-7pm	882	29	2	9	39	961	554	8	0	2	57	621	1,582
7-8pm	---	---	---	---	---	821	---	---	---	---	---	556	1,377
8-9pm	---	---	---	---	---	624	---	---	---	---	---	426	1,050
9-10pm	---	---	---	---	---	539	---	---	---	---	---	362	901
10-11pm	---	---	---	---	---	433	---	---	---	---	---	292	725
11-12pm	---	---	---	---	---	314	---	---	---	---	---	223	537
Totals	---	---	---	---	---	13,811	---	---	---	---	---	11,110	24,921
7-10am	1,851	121	38	65	67	2,142	2,149	94	2	78	156	2,479	4,621
10am-1pm	1,917	81	14	51	70	2,133	1,512	53	0	74	91	1,730	3,863
1-4pm	2,276	160	15	62	74	2,587	1,742	72	0	43	83	1,940	4,527
4-7pm	2,713	87	34	50	89	2,973	1,772	54	0	40	157	2,023	4,996
7am-7pm	8,757	449	101	228	300	9,835	7,175	273	2	235	487	8,172	18,007

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# ***Brooklyn Bridges***



**Brooklyn Bridges**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<i><b>Year</b></i>	<i><b>Carroll Street</b></i>	<i><b>Cropsey Avenue</b></i>	<i><b>Hamilton Avenue</b></i>	<i><b>Metropolitan Avenue</b></i>	<i><b>Mill Basin</b></i>
1948	1,401	11,745	12,135	8,739	21,773
1949	4,805	12,913	16,071	12,476	23,357
1950	1,203	15,024	20,149	14,285	32,787
1951	1,444	10,362	24,893	15,496	44,285
1952	1,192	11,495	23,642	15,150	38,025
1953	2,951	12,278	33,379	13,843	36,209
1954	1,962	13,945	36,121	18,208	40,604
1955	2,831	13,184	24,415	15,536	43,011
1956	2,574	15,832	29,676	11,637	57,515
1957	1,917	11,836	22,862	12,293	63,310
1958	1,805	17,462	31,543	25,777	60,384
1959	1,706	15,671	35,085	15,507	61,730
1960	2,553	15,417	42,584	18,892	58,929
1961	7,628	16,968	43,232	20,446	64,142
1962	6,360	18,060	41,380	21,120	71,540
1963	2,120	17,620	36,530	24,130	75,610
1964	2,959	15,240	39,970	23,850	80,270
1965	3,798	21,902	35,795	22,742	110,566
1966	6,364	17,443	42,426	21,634	90,769
1967	1,948	20,440	40,733	25,101	75,168
1968	2,762	18,774	42,869	31,457	105,979
1969	1,965	22,292	42,400	28,604	111,694
1970	2,671	20,257	38,078	29,977	102,964
1971	1,939	21,147	33,847	27,803	110,834
1972	1,207	23,597	39,219	31,130	102,346
1973	1,191	22,986	36,136	23,374	98,553
1974	1,224	22,755	37,097	27,719	107,455
1975	1,108	21,808	39,784	22,148	102,628
1976	1,245	19,503	39,321	23,287	106,744
1977	1,382	21,040	34,602	26,732	103,508
1978	1,126	22,068	36,443	21,457	104,174
1979	1,565	21,254	38,412	24,152	118,242
1980	Closed	21,462	36,084	29,717	109,782
1981	1,112	21,504	35,510	30,190	106,378
1982	1,467	21,005	43,044	34,135	114,600
1983	1,980	27,847	44,047	31,444	112,211
1984	1,432	32,770	48,204	40,936	110,458
1985	1,876	30,960	54,612	43,173	108,974
1986	Closed	31,998	48,274	35,372	114,876
1987	Closed	30,134	43,715	34,830	122,013
1988	Closed	32,341	51,721	37,682	114,287
1989	606	30,967	54,063	35,446	134,708
1990	1,153	30,592	52,170	37,289	142,142
1991	1,175	25,542	39,911	39,576	134,410
1992	1,387	28,230	56,227	37,510	130,737
1993	1,125	27,878	56,655	36,538	130,805
1994	1,132	27,181	50,309	36,026	134,605
1995	1,164	29,015	51,646	37,581	134,540
1996	1,244	26,933	70,385	39,662	132,853
1997	1,215	28,590	69,144	37,966	135,482
1998	1,270	30,323	59,211	38,271	146,940
1999	1,248	31,076	67,259	38,752	147,347
2000	1,265	30,334	59,557	41,238	145,070
2001	1,280	33,725	60,808	39,930	146,602
2002	1,248	33,325	60,075	39,944	142,105
2003	1,150	35,137	59,108	40,284	141,212
2004	1,099	35,104	60,240	38,529	145,760
2005	1,101	36,132	59,885	35,113	143,158
2006	1,068	35,398	55,526	38,130	143,917

**Brooklyn Bridges (cont'd)**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<i>Year</i>	<i>Ninth Street</i>	<i>Stillwell Avenue</i>	<i>Third Avenue</i>	<i>Third Street</i>	<i>Union Street</i>	<i>Totals</i>
1948	6,006	4,295	17,220	3,438	5,165	91,917
1949	5,640	4,911	19,048	5,716	6,502	111,439
1950	6,895	5,832	13,068	4,976	7,839	122,058
1951	7,159	5,312	19,114	4,852	7,207	140,124
1952	7,376	5,094	14,303	3,711	7,062	127,050
1953	10,329	4,142	15,517	3,463	9,617	141,728
1954	9,904	4,788	17,630	3,215	8,500	154,877
1955	7,704	5,706	15,144	5,907	7,469	140,907
1956	8,715	5,418	14,112	4,401	7,878	157,758
1957	8,897	4,523	14,113	4,742	9,263	153,756
1958	8,347	4,903	15,098	5,814	8,404	179,537
1959	7,906	5,239	16,808	6,887	9,969	176,508
1960	7,465	5,511	14,821	6,227	9,596	181,995
1961	13,330	5,462	16,794	9,747	9,524	207,273
1962	14,170	6,340	15,260	13,550	9,452	217,232
1963	13,270	6,280	17,700	7,970	9,380	210,610
1964	11,430	6,410	16,230	6,850	10,260	213,469
1965	9,540	6,887	15,196	5,992	9,152	241,570
1966	9,418	6,874	14,008	5,682	8,898	223,516
1967	9,871	6,708	16,560	5,570	9,208	211,307
1968	12,484	6,661	13,141	5,680	8,860	248,667
1969	9,363	7,070	13,798	5,527	8,402	251,115
1970	8,855	7,091	14,413	5,650	8,064	238,020
1971	9,952	7,344	13,473	5,991	8,786	241,116
1972	9,581	6,577	12,794	5,806	7,834	240,091
1973	8,939	6,983	13,477	6,124	8,845	226,608
1974	8,752	7,245	15,000	5,792	7,723	240,762
1975	9,313	9,925	14,576	5,145	8,188	234,623
1976	9,634	9,568	14,752	5,361	8,001	237,416
1977	11,123	6,868	13,692	4,328	4,842	228,117
1978	8,892	7,591	14,743	5,425	4,708	226,627
1979	10,095	8,764	14,448	5,629	4,457	247,018
1980	11,485	7,629	14,444	6,420	5,659	242,682
1981	9,726	7,595	17,780	5,759	4,555	240,109
1982	11,350	7,541	16,865	Closed	8,277	258,284
1983	10,893	Closed	16,521	Closed	8,415	253,358
1984	12,578	Closed	18,787	Closed	9,418	274,583
1985	9,438	Closed	17,304	Closed	9,229	275,566
1986	12,263	Closed	15,235	2,426	11,374	271,818
1987	8,762	Closed	20,029	5,626	5,971	271,080
1988	11,005	Closed	20,971	7,189	6,535	281,731
1989	9,571	Closed	22,230	6,232	6,042	299,865
1990	13,062	5,334	24,548	7,745	6,087	320,122
1991	11,444	8,574	Closed	7,411	5,142	273,185
1992	11,059	8,730	23,610	6,972	5,622	310,084
1993	9,358	9,367	24,055	7,743	4,971	308,495
1994	9,666	9,186	21,745	7,978	4,307	302,135
1995	Closed	9,889	22,639	9,556	4,802	300,832
1996	Closed	9,044	21,664	9,048	4,562	315,395
1997	Closed	9,602	21,129	10,400	4,573	318,101
1998	Closed	9,243	20,597	11,378	4,824	322,057
1999	5,544	9,478	21,647	10,849	5,061	338,261
2000	7,355	9,103	22,084	10,231	4,853	331,090
2001	7,898	9,246	21,461	9,855	4,599	335,404
2002	8,399	9,534	20,538	10,146	4,435	329,749
2003	9,406	10,138	20,517	10,010	4,843	331,805
2004	10,216	10,436	20,292	9,846	4,399	335,921
2005	11,393	10,166	20,046	10,108	4,421	331,523
2006	11,143	11,158	18,403	9,487	4,390	328,620

# **Hourly Vehicular Volumes Carroll Street Bridge - 2006**

	<i><b>Eastbound</b></i>						<i><b>Westbound</b></i>						<i><b>Grand Totals</b></i>
	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	11	<i><b>Bridge is 1-way eastbound</b></i>						11
1-2am	---	---	---	---	---	8							8
2-3am	---	---	---	---	---	3							3
3-4am	---	---	---	---	---	2							2
4-5am	---	---	---	---	---	5							5
5-6am	---	---	---	---	---	11							11
6-7am	---	---	---	---	---	22							22
7-8am	17	0	9	12	9	47							47
8-9am	26	3	8	25	22	84							84
9-10am	21	0	6	20	8	55							55
10-11am	22	0	0	13	10	45							45
11-12am	19	0	6	16	14	55							55
12-1pm	10	0	10	15	16	51							51
1-2pm	19	0	10	11	25	65							65
2-3pm	2	0	15	36	19	72							72
3-4pm	83	0	2	9	7	101							101
4-5pm	77	0	3	8	13	101							101
5-6pm	84	0	8	5	8	105 **							105 **
6-7pm	61	0	4	1	4	70							70
7-8pm	---	---	---	---	---	44							44
8-9pm	---	---	---	---	---	39							39
9-10pm	---	---	---	---	---	23							23
10-11pm	---	---	---	---	---	28							28
11-12pm	---	---	---	---	---	21							21
Totals	---	---	---	---	---	1,068	---	---	---	---	---	---	1,068
7-10am	64	3	23	57	39	186	---	---	---	---	---	---	186
10am-1pm	51	0	16	44	40	151	---	---	---	---	---	---	151
1-4pm	104	0	27	56	51	238	---	---	---	---	---	---	238
4-7pm	222	0	15	14	25	276	---	---	---	---	---	---	276
7am-7pm	441	3	81	171	155	851	---	---	---	---	---	---	851

Based on 1989 Classification Survey Data:

\*\* Peak Volumes

# **Hourly Vehicular Volumes Cropsey Avenue Bridge - 2006**

	<i>Northbound</i>						<i>Southbound</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	181	---	---	---	---	---	263	444
1-2am	---	---	---	---	---	117	---	---	---	---	---	158	275
2-3am	---	---	---	---	---	94	---	---	---	---	---	108	202
3-4am	---	---	---	---	---	82	---	---	---	---	---	79	161
4-5am	---	---	---	---	---	152	---	---	---	---	---	145	297
5-6am	---	---	---	---	---	399	---	---	---	---	---	522	921
6-7am	---	---	---	---	---	760	---	---	---	---	---	705	1,465
7-8am	883	78	2	46	86	1,095	958	102	0	56	39	1,155	2,250
8-9am	893	58	3	54	60	1,068	906	73	2	50	36	1,067	2,135
9-10am	718	47	1	47	85	898	747	90	4	53	73	967	1,865
10-11am	751	42	0	27	38	858	718	24	0	32	37	811	1,669
11-12am	749	26	0	69	61	905	676	25	1	71	76	849	1,754
12-1pm	848	46	0	32	40	966	852	30	0	27	22	931	1,897
1-2pm	908	68	0	34	47	1,057	891	34	1	23	39	988	2,045
2-3pm	876	84	3	66	79	1,108	909	52	0	61	75	1,097	2,205
3-4pm	1,068	101	1	35	44	1,249 **	943	75	2	25	52	1,097	2,346
4-5pm	1,002	45	0	60	75	1,182	1,002	57	0	27	94	1,180 **	2,362 **
5-6pm	980	13	0	62	75	1,130	960	20	9	45	100	1,134	2,264
6-7pm	830	21	0	34	45	930	1,071	9	0	17	78	1,175	2,105
7-8pm	---	---	---	---	---	834	---	---	---	---	---	1,016	1,850
8-9pm	---	---	---	---	---	773	---	---	---	---	---	835	1,608
9-10pm	---	---	---	---	---	674	---	---	---	---	---	702	1,376
10-11pm	---	---	---	---	---	506	---	---	---	---	---	579	1,085
11-12pm	---	---	---	---	---	376	---	---	---	---	---	441	817
Totals	---	---	---	---	---	17,394	---	---	---	---	---	18,004	35,398
7-10am	2,494	183	6	147	231	3,061	2,611	265	6	159	148	3,189	6,250
10am-1pm	2,348	114	0	128	139	2,729	2,246	79	1	130	135	2,591	5,320
1-4pm	2,852	253	4	135	170	3,414	2,743	161	3	109	166	3,182	6,596
4-7pm	2,812	79	0	156	195	3,242	3,033	86	9	89	272	3,489	6,731
7am-7pm	10,506	629	10	566	735	12,446	10,633	591	19	487	721	12,451	24,897

Based on 1989 Classification Survey Data:

\*\* Peak Volumes

# **Hourly Vehicular Volumes Hamilton Avenue Bridge - 2006**

	<i>Northbound</i>						<i>Southbound</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	269	---	---	---	---	---	228	497
1-2am	---	---	---	---	---	165	---	---	---	---	---	149	314
2-3am	---	---	---	---	---	144	---	---	---	---	---	117	261
3-4am	---	---	---	---	---	147	---	---	---	---	---	123	270
4-5am	---	---	---	---	---	301	---	---	---	---	---	288	589
5-6am	---	---	---	---	---	1,363	---	---	---	---	---	399	1,762
6-7am	---	---	---	---	---	2,960	---	---	---	---	---	888	3,848
7-8am	2,521	36	46	232	275	3,110 **	442	45	185	379	191	1,242	4,352
8-9am	2,382	14	44	266	318	3,024	787	45	76	314	178	1,400	4,424 **
9-10am	1,929	28	34	257	256	2,504	572	54	99	481	195	1,401	3,905
10-11am	1,778	14	17	138	130	2,077	985	36	58	208	116	1,403	3,480
11-12am	1,569	17	22	220	214	2,042	463	18	108	279	203	1,071	3,113
12-1pm	1,660	9	9	86	75	1,839	680	5	44	98	67	894	2,733
1-2pm	1,568	25	10	118	77	1,798	720	11	41	136	87	995	2,793
2-3pm	1,460	52	21	227	211	1,971	469	13	108	278	242	1,110	3,081
3-4pm	1,499	57	8	109	95	1,768	1,111	14	65	105	89	1,384	3,152
4-5pm	1,361	45	12	141	149	1,708	1,334	12	136	176	181	1,839	3,547
5-6pm	1,474	15	13	156	127	1,785	1,665	9	106	113	190	2,083 **	3,868
6-7pm	1,190	6	11	65	112	1,384	1,473	9	104	79	113	1,778	3,162
7-8pm	---	---	---	---	---	1,076	---	---	---	---	---	1,003	2,079
8-9pm	---	---	---	---	---	835	---	---	---	---	---	600	1,435
9-10pm	---	---	---	---	---	672	---	---	---	---	---	435	1,107
10-11pm	---	---	---	---	---	547	---	---	---	---	---	415	962
11-12pm	---	---	---	---	---	434	---	---	---	---	---	358	792
Totals	---	---	---	---	---	33,923	---	---	---	---	---	21,603	55,526
7-10am	6,832	78	124	755	849	8,638	1,801	144	360	1,174	564	4,043	12,681
10am-1pm	5,007	40	48	444	419	5,958	2,128	59	210	585	386	3,368	9,326
1-4pm	4,527	134	39	454	383	5,537	2,300	38	214	519	418	3,489	9,026
4-7pm	4,025	66	36	362	388	4,877	4,472	30	346	368	484	5,700	10,577
7am-7pm	20,391	318	247	2,015	2,039	25,010	10,701	271	1,130	2,646	1,852	16,600	41,610

Based on 1989 Classification Survey Data:

\*\* Peak Volumes

# **Hourly Vehicular Volumes Metropolitan Avenue Bridge - 2006**

	<i><b>Eastbound</b></i>						<i><b>Westbound</b></i>						<i><b>2-Way Totals</b></i>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	304	---	---	---	---	---	184	488
1-2am	---	---	---	---	---	271	---	---	---	---	---	178	449
2-3am	---	---	---	---	---	222	---	---	---	---	---	177	399
3-4am	---	---	---	---	---	190	---	---	---	---	---	191	381
4-5am	---	---	---	---	---	275	---	---	---	---	---	255	530
5-6am	---	---	---	---	---	467	---	---	---	---	---	579	1,046
6-7am	---	---	---	---	---	742	---	---	---	---	---	1,401	2,143
7-8am	618	16	16	133	43	826	1,207	34	67	230	92	1,630	2,456
8-9am	568	17	23	184	91	883	1,054	17	48	268	113	1,500	2,383
9-10am	423	36	22	242	97	820	681	32	36	277	99	1,125	1,945
10-11am	693	8	11	97	37	846	777	17	23	89	31	937	1,783
11-12am	494	14	23	235	72	838	536	15	39	198	68	856	1,694
12-1pm	740	15	17	97	30	899	675	13	21	91	30	830	1,729
1-2pm	855	29	9	107	53	1,053	823	22	21	85	38	989	2,042
2-3pm	820	14	33	214	101	1,182	708	17	30	189	85	1,029	2,211
3-4pm	1,148	15	29	120	55	1,367	854	20	17	100	49	1,040	2,407
4-5pm	1,158	38	64	177	130	1,567	803	14	27	140	68	1,052	2,619
5-6pm	1,227	15	77	167	131	1,617	821	10	54	90	76	1,051	2,668
6-7pm	1,222	14	67	136	102	1,541	748	12	42	48	44	894	2,435
7-8pm	---	---	---	---	---	1,162	---	---	---	---	---	745	1,907
8-9pm	---	---	---	---	---	883	---	---	---	---	---	626	1,509
9-10pm	---	---	---	---	---	675	---	---	---	---	---	543	1,218
10-11pm	---	---	---	---	---	502	---	---	---	---	---	431	933
11-12pm	---	---	---	---	---	423	---	---	---	---	---	332	755
Totals	---	---	---	---	---	19,555	---	---	---	---	---	18,575	38,130
7-10am	1,609	69	61	559	231	2,529	2,942	83	151	775	304	4,255	6,784
10am-1pm	1,927	37	51	429	139	2,583	1,988	45	83	378	129	2,623	5,206
1-4pm	2,823	58	71	441	209	3,602	2,385	59	68	374	172	3,058	6,660
4-7pm	3,607	67	208	480	363	4,725	2,372	36	123	278	188	2,997	7,722
7am-7pm	9,966	231	391	1,909	942	13,439	9,687	223	425	1,805	793	12,933	26,372

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes Mill Basin Bridge - 2006

	<i>Eastbound</i>						<i>Westbound</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	1257	---	---	---	---	---	1115	2,372
1-2am	---	---	---	---	---	654	---	---	---	---	---	624	1,278
2-3am	---	---	---	---	---	479	---	---	---	---	---	370	849
3-4am	---	---	---	---	---	432	---	---	---	---	---	331	763
4-5am	---	---	---	---	---	673	---	---	---	---	---	600	1,273
5-6am	---	---	---	---	---	2,076	---	---	---	---	---	1,899	3,975
6-7am	---	---	---	---	---	3,998	---	---	---	---	---	3,773	7,771
7-8am	4,263	60	22	5	231	4,581	4,026	19	0	126	153	4,324	8,905
8-9am	4,414	18	16	17	201	4,666 **	3,898	50	0	113	199	4,260	8,926
9-10am	3,500	9	17	24	250	3,800	3,579	70	1	108	185	3,943	7,743
10-11am	3,211	8	11	13	88	3,331	3,429	17	0	37	62	3,545	6,876
11-12am	2,914	4	64	30	283	3,295	3,119	0	5	165	164	3,453	6,748
12-1pm	3,255	4	20	15	113	3,407	3,103	0	0	72	119	3,294	6,701
1-2pm	3,440	94	14	12	114	3,674	3,376	10	0	37	78	3,501	7,175
2-3pm	3,889	41	27	16	318	4,291	3,615	7	0	110	168	3,900	8,191
3-4pm	4,364	26	16	6	157	4,569	4,203	75	0	82	115	4,475	9,044 **
4-5pm	3,798	12	36	7	227	4,080	4,259	42	2	133	201	4,637 **	8,717
5-6pm	3,936	6	17	13	191	4,163	4,274	32	3	138	171	4,618	8,781
6-7pm	3,901	4	16	5	199	4,125	4,144	3	1	110	160	4,418	8,543
7-8pm	---	---	---	---	---	3,942	---	---	---	---	---	4,204	8,146
8-9pm	---	---	---	---	---	3,286	---	---	---	---	---	3,386	6,672
9-10pm	---	---	---	---	---	3,019	---	---	---	---	---	2,978	5,997
10-11pm	---	---	---	---	---	2,175	---	---	---	---	---	2,589	4,764
11-12pm	---	---	---	---	---	1,818	---	---	---	---	---	1,889	3,707
Totals	---	---	---	---	---	71,791	---	---	---	---	---	72,126	143,917
7-10am	12,177	87	55	46	682	13,047	11,503	139	1	347	537	12,527	25,574
10am-1pm	9,380	16	95	58	484	10,033	9,651	17	5	274	345	10,292	20,325
1-4pm	11,693	161	57	34	589	12,534	11,194	92	0	229	361	11,876	24,410
4-7pm	11,635	22	69	25	617	12,368	12,677	77	6	381	532	13,673	26,041
7am-7pm	44,885	286	276	163	2,372	47,982	45,025	325	12	1,231	1,775	48,368	96,350

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes Ninth Street Bridge - 2006

	<i>Eastbound</i>						<i>Westbound</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	46	---	---	---	---	---	83	129
1-2am	---	---	---	---	---	31	---	---	---	---	---	55	86
2-3am	---	---	---	---	---	22	---	---	---	---	---	38	60
3-4am	---	---	---	---	---	31	---	---	---	---	---	64	95
4-5am	---	---	---	---	---	56	---	---	---	---	---	128	184
5-6am	---	---	---	---	---	102	---	---	---	---	---	264	366
6-7am	---	---	---	---	---	170	---	---	---	---	---	444	614
7-8am	146	21	5	17	12	201	433	11	0	49	42	535 **	736
8-9am	144	21	9	46	15	235	440	5	0	46	36	527	762 **
9-10am	152	18	4	45	21	240	391	10	0	40	25	466	706
10-11am	177	17	4	19	11	228	372	9	0	17	14	412	640
11-12am	152	14	10	43	10	229	257	28	0	85	39	409	638
12-1pm	183	12	10	23	10	238	279	29	0	78	37	423	661
1-2pm	116	14	15	80	15	240	306	7	41	26	26	406	646
2-3pm	154	17	12	51	20	254	320	18	15	35	26	414	668
3-4pm	217	14	2	21	15	269	370	21	0	32	19	442	711
4-5pm	222	13	6	32	22	295 **	348	15	0	54	34	451	746
5-6pm	194	16	1	29	11	251	346	23	0	23	17	409	660
6-7pm	136	13	1	35	14	199	282	9	0	13	8	312	511
7-8pm	---	---	---	---	---	165	---	---	---	---	---	244	409
8-9pm	---	---	---	---	---	134	---	---	---	---	---	214	348
9-10pm	---	---	---	---	---	128	---	---	---	---	---	168	296
10-11pm	---	---	---	---	---	107	---	---	---	---	---	146	253
11-12pm	---	---	---	---	---	84	---	---	---	---	---	134	218
Totals	---	---	---	---	---	3,955	---	---	---	---	---	7,188	11,143
7-10am	442	60	18	108	48	676	1,264	26	0	135	103	1,528	2,204
10am-1pm	512	43	24	85	31	695	908	66	0	180	90	1,244	1,939
1-4pm	487	45	29	152	50	763	996	46	56	93	71	1,262	2,025
4-7pm	552	42	8	96	47	745	976	47	0	90	59	1,172	1,917
7am-7pm	1,993	190	79	441	176	2,879	4,144	185	56	498	323	5,206	8,085

Based on 1989 Classification Survey Data

\*\* Peak Volumes



# **Hourly Vehicular Volumes Stillwell Avenue Bridge - 2006**

	<i><b>Northbound</b></i>						<i><b>Southbound</b></i>						<i><b>2-Way Totals</b></i>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	41	---	---	---	---	---	75	116
1-2am	---	---	---	---	---	25	---	---	---	---	---	45	70
2-3am	---	---	---	---	---	22	---	---	---	---	---	31	53
3-4am	---	---	---	---	---	19	---	---	---	---	---	24	43
4-5am	---	---	---	---	---	24	---	---	---	---	---	41	65
5-6am	---	---	---	---	---	79	---	---	---	---	---	168	247
6-7am	---	---	---	---	---	168	---	---	---	---	---	249	417
7-8am	218	20	0	35	0	273	291	63	0	20	0	374	647
8-9am	221	30	0	41	0	292	326	42	0	25	0	393	685
9-10am	184	29	0	34	0	247	239	23	0	106	0	368	615
10-11am	174	27	0	43	0	244	249	27	0	69	0	345	589
11-12am	189	10	0	52	0	251	295	18	0	55	0	368	619
12-1pm	195	13	0	71	0	279	313	22	0	54	0	389	668
1-2pm	199	22	0	74	0	295	327	28	0	95	0	450	745
2-3pm	248	29	0	68	0	345	292	34	0	121	0	447	792
3-4pm	282	38	0	44	0	364	391	25	0	64	0	480	844
4-5pm	294	39	0	47	0	380 **	394	29	0	63	0	486 **	866 **
5-6pm	293	23	0	20	0	336	397	25	0	44	0	466	802
6-7pm	211	23	0	11	0	245	330	31	0	15	0	376	621
7-8pm	---	---	---	---	---	212	---	---	---	---	---	291	503
8-9pm	---	---	---	---	---	170	---	---	---	---	---	225	395
9-10pm	---	---	---	---	---	126	---	---	---	---	---	188	314
10-11pm	---	---	---	---	---	93	---	---	---	---	---	163	256
11-12pm	---	---	---	---	---	67	---	---	---	---	---	119	186
Totals	---	---	---	---	---	4,597	---	---	---	---	---	6,561	11,158
7-10am	623	79	0	110	0	812	856	128	0	151	0	1,135	1,947
10am-1pm	558	50	0	166	0	774	857	67	0	178	0	1,102	1,876
1-4pm	729	89	0	186	0	1,004	1,010	87	0	280	0	1,377	2,381
4-7pm	798	85	0	78	0	961	1,121	85	0	122	0	1,328	2,289
7am-7pm	2,708	303	0	540	0	3,551	3,844	367	0	731	0	4,942	8,493

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# **Hourly Vehicular Volumes Third Avenue Bridge - 2006**

	<i>Northbound</i>						<i>Southbound</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	71	---	---	---	---	---	133	204
1-2am	---	---	---	---	---	42	---	---	---	---	---	69	111
2-3am	---	---	---	---	---	39	---	---	---	---	---	53	92
3-4am	---	---	---	---	---	55	---	---	---	---	---	48	103
4-5am	---	---	---	---	---	64	---	---	---	---	---	54	118
5-6am	---	---	---	---	---	237	---	---	---	---	---	103	340
6-7am	---	---	---	---	---	662	---	---	---	---	---	207	869
7-8am	752	14	0	106	78	950	225	6	0	41	32	304	1,254
8-9am	832	11	0	86	75	1,004 **	275	11	0	61	32	379	1,383 **
9-10am	399	8	0	133	91	631	283	8	2	67	45	405	1,036
10-11am	444	8	0	33	28	513	370	5	1	37	28	441	954
11-12am	365	7	1	78	48	499	358	5	0	68	47	478	977
12-1pm	400	3	0	25	18	446	452	4	1	29	26	512	958
1-2pm	365	7	0	52	37	461	473	5	0	36	31	545	1,006
2-3pm	328	14	0	95	69	506	436	7	0	97	57	597	1,103
3-4pm	431	12	0	41	36	520	706	7	0	28	36	777	1,297
4-5pm	410	8	0	53	56	527	689	8	0	71	83	851	1,378
5-6pm	451	5	0	24	36	516	740	4	0	48	62	854 **	1,370
6-7pm	325	8	0	25	18	376	670	6	0	48	64	788	1,164
7-8pm	---	---	---	---	---	256	---	---	---	---	---	549	805
8-9pm	---	---	---	---	---	221	---	---	---	---	---	403	624
9-10pm	---	---	---	---	---	168	---	---	---	---	---	332	500
10-11pm	---	---	---	---	---	143	---	---	---	---	---	266	409
11-12pm	---	---	---	---	---	107	---	---	---	---	---	241	348
Totals	---	---	---	---	---	9,014	---	---	---	---	---	9,389	18,403
7-10am	1,983	33	0	325	244	2,585	783	25	2	169	109	1,088	3,673
10am-1pm	1,209	18	1	136	94	1,458	1,180	14	2	134	101	1,431	2,889
1-4pm	1,124	33	0	188	142	1,487	1,615	19	0	161	124	1,919	3,406
4-7pm	1,186	21	0	102	110	1,419	2,099	18	0	167	209	2,493	3,912
7am-7pm	5,502	105	1	751	590	6,949	5,677	76	4	631	543	6,931	13,880

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes Third Street Bridge - 2006

	<i>Eastbound</i>						<i>Westbound</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	36	---	---	---	---	---	43	79
1-2am	---	---	---	---	---	17	---	---	---	---	---	25	42
2-3am	---	---	---	---	---	6	---	---	---	---	---	20	26
3-4am	---	---	---	---	---	7	---	---	---	---	---	19	26
4-5am	---	---	---	---	---	12	---	---	---	---	---	25	37
5-6am	---	---	---	---	---	27	---	---	---	---	---	107	134
6-7am	---	---	---	---	---	93	---	---	---	---	---	329	422
7-8am	165	7	0	21	17	210	497	11	5	29	40	582	792
8-9am	211	0	0	20	15	246	680	8	4	36	56	784 **	1,030 **
9-10am	141	0	0	19	25	185	389	1	1	35	41	467	652
10-11am	202	0	0	9	9	220	287	0	0	24	22	333	553
11-12am	158	0	2	26	10	196	207	3	1	56	49	316	512
12-1pm	191	0	0	9	11	211	267	3	0	22	13	305	516
1-2pm	202	0	0	0	8	210	246	10	11	20	17	304	514
2-3pm	216	0	0	15	9	240	227	7	34	52	19	339	579
3-4pm	282	10	0	10	4	306	303	11	16	22	11	363	669
4-5pm	315	0	0	11	22	348 **	247	3	18	34	13	315	663
5-6pm	296	0	0	13	24	333	261	3	14	27	0	305	638
6-7pm	249	0	0	7	2	258	201	4	21	16	2	244	502
7-8pm	---	---	---	---	---	165	---	---	---	---	---	178	343
8-9pm	---	---	---	---	---	113	---	---	---	---	---	150	263
9-10pm	---	---	---	---	---	93	---	---	---	---	---	110	203
10-11pm	---	---	---	---	---	62	---	---	---	---	---	95	157
11-12pm	---	---	---	---	---	58	---	---	---	---	---	77	135
Totals	---	---	---	---	---	3,652	---	---	---	---	---	5,835	9,487
7-10am	517	7	0	60	57	641	1,566	20	10	100	137	1,833	2,474
10am-1pm	551	0	2	44	30	627	761	6	1	102	84	954	1,581
1-4pm	700	10	0	25	21	756	776	28	61	94	47	1,006	1,762
4-7pm	860	0	0	31	48	939	709	10	53	77	15	864	1,803
7am-7pm	2,628	17	2	160	156	2,963	3,812	64	125	373	283	4,657	7,620

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes Union Street Bridge - 2006

	<i>Eastbound</i>						<i>Westbound</i>						<i>Grand Totals</i>
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	67	<i>Bridge is 1-way eastbound</i>						67
1-2am	---	---	---	---	---	36							36
2-3am	---	---	---	---	---	16							16
3-4am	---	---	---	---	---	13							13
4-5am	---	---	---	---	---	20							20
5-6am	---	---	---	---	---	44							44
6-7am	---	---	---	---	---	73							73
7-8am	130	7	0	13	14	164							164
8-9am	198	9	0	27	24	258							258
9-10am	167	4	0	18	35	224							224
10-11am	197	4	0	7	10	218							218
11-12am	179	2	0	20	22	223							223
12-1pm	207	1	0	10	19	237							237
1-2pm	215	5	0	14	14	248							248
2-3pm	203	4	0	37	27	271							271
3-4pm	312	3	0	15	12	342							342
4-5pm	331	2	0	21	27	381							381
5-6pm	366	1	0	7	19	393 **							393 **
6-7pm	297	1	0	16	22	336							336
7-8pm	---	---	---	---	---	245							245
8-9pm	---	---	---	---	---	185							185
9-10pm	---	---	---	---	---	162							162
10-11pm	---	---	---	---	---	140							140
11-12pm	---	---	---	---	---	94							94
Totals	---	---	---	---	---	4,390	---	---	---	---	---	---	4,390
7-10am	495	20	0	58	73	646	---	---	---	---	---	---	646
10am-1pm	583	7	0	37	51	678	---	---	---	---	---	---	678
1-4pm	730	12	0	66	53	861	---	---	---	---	---	---	861
4-7pm	994	4	0	44	68	1,110	---	---	---	---	---	---	1,110
7am-7pm	2,802	43	0	205	245	3,295	---	---	---	---	---	---	3,295

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# ***Queens Bridges***

**Queens Bridges**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<i><b>Year</b></i>	<i><b>Borden Avenue</b></i>	<i><b>Flushing</b></i>	<i><b>Hook Creek</b></i>	<i><b>Hunters Point</b></i>	<i><b>Little Neck</b></i>	<i><b>Midtown Highway</b></i>
1948	4,846	26,276	9,620	5,500	22,255	28,754
1949	11,052	29,949	14,969	9,482	21,190	27,963
1950	6,222	30,836	18,240	6,751	19,549	32,429
1951	5,930	50,918	16,064	6,000	30,873	31,812
1952	6,155	40,589	16,856	5,688	31,544	35,088
1953	7,473	46,952	17,218	6,575	29,266	34,513
1954	5,997	39,837	23,389	7,611	35,614	30,495
1955	6,793	34,201	19,481	2,984	30,428	39,650
1956	7,612	47,985	20,796	6,267	43,761	49,944
1957	7,759	53,836	18,691	7,018	38,387	47,481
1958	7,833	43,075	28,031	5,735	30,029	45,593
1959	9,992	28,616	30,663	7,603	27,072	55,665
1960	9,739	37,833	33,549	7,753	23,718	62,051
1961	9,030	36,383	34,598	7,337	24,851	62,520
1962	8,860	35,370	36,590	7,150	26,670	57,600
1963	9,480	46,210	37,450	7,170	30,040	57,770
1964	16,530	40,220	38,620	5,110	27,980	60,610
1965	8,026	40,484	35,185	6,652	33,504	60,973
1966	9,461	42,613	38,742	6,882	33,383	68,752
1967	9,348	32,479	38,995	6,206	37,097	72,962
1968	8,761	38,664	44,000	6,601	36,281	69,058
1969	11,083	47,945	51,067	7,073	38,901	62,712
1970	10,318	47,311	44,588	6,544	42,606	84,844
1971	11,721	48,238	44,185	7,072	44,528	75,706
1972	11,201	50,499	45,365	6,825	38,604	65,481
1973	11,276	54,597	50,681	8,515	44,193	73,292
1974	12,272	48,909	53,120	5,899	39,506	68,127
1975	17,135	53,431	48,089	Closed	37,741	67,933
1976	17,883	47,569	55,722	Closed	39,382	64,438
1977	17,072	49,420	44,370	Closed	43,122	60,501
1978	16,769	48,491	47,286	Closed	42,052	85,223
1979	16,055	35,518	52,650	Closed	46,197	70,893
1980	15,068	48,856	45,169	Closed	38,735	74,334
1981	18,630	42,040	50,566	Closed	41,135	100,182
1982	21,793	54,661	52,193	Closed	41,470	100,182
1983	22,123	51,237	54,087	Closed	44,436	88,132
1984	18,724	54,323	50,681	4,044	47,623	89,000
1985	18,723	64,382	50,458	4,755	42,737	73,315
1986	14,714	64,371	56,735	5,870	44,125	71,938
1987	15,067	62,811	57,634	5,938	45,069	70,079
1988	14,907	62,956	61,083	6,549	43,826	71,761
1989	14,698	61,756	63,406	6,746	36,085	65,160
1990	18,430	61,248	57,660	10,849	28,746	66,269
1991	16,122	58,189	57,442	10,279	42,895	74,328
1992	13,146	61,306	64,502	10,997	48,388	72,144
1993	15,074	54,005	60,517	8,138	48,906	64,368
1994	14,412	58,837	64,545	6,804	48,314	66,633
1995	14,074	59,543	66,517	7,594	50,034	67,810
1996	16,661	61,211	66,151	7,781	49,640	69,394
1997	14,293	59,792	63,618	7,275	51,718	69,273
1998	15,182	60,864	66,123	7,024	52,876	70,486
1999	14,156	63,348	70,555	8,509	52,846	72,749
2000	15,063	66,243	74,130	8,475	49,504	79,662
2001	15,780	62,364	72,027	8,261	53,423	82,431
2002	15,788	64,301	69,963	7,822	58,529	81,392
2003	16,035	62,644	72,562	7,412	60,033	84,243
2004	15,765	61,685	73,932	6,885	54,165	82,732
2005	16,362	62,692	73,344	7,390	52,475	89,559
2006	16,157	61,143	73,767	7,262	48,345	83,379

**Queens Bridges (cont'd)**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<i>Year</i>	<i>North Channel</i>	<i>Rikers Island</i>	<i>Roosevelt Avenue</i>	<i>Roosevelt Island</i>	<i>Whitestone Expressway</i>	<i>Totals</i>
1948	8,521	<i>Bridge opened 11/22/1966</i>	14,044	<i>Bridge opened 05/18/1955</i>	27,290	147,106
1949	8,855		18,907		31,558	173,925
1950	7,361		20,451		38,771	180,610
1951	9,868		9,330		39,368	200,163
1952	8,952		23,596		44,219	212,687
1953	10,941		20,473		47,455	220,866
1954	10,661		18,007		50,089	221,700
1955	11,315		20,123	2,144	51,577	218,696
1956	10,216		17,987	2,689	57,982	265,239
1957	6,192		20,984	2,157	58,606	261,111
1958	12,763		19,653	3,137	60,687	256,536
1959	13,453		29,616	2,760	58,761	264,201
1960	14,923		18,153	3,014	48,615	259,348
1961	13,165		21,475	2,947	53,542	265,848
1962	15,900		24,440	3,220	41,340	257,140
1963	19,730		29,500	3,220	47,620	288,190
1964	18,020		18,110	3,440	83,450	312,090
1965	20,629		20,143	3,791	81,201	310,588
1966	18,890		18,728	4,133	71,795	313,379
1967	17,748	1,973	21,493	5,973	110,363	354,637
1968	18,258	2,809	21,352	4,987	136,741	387,512
1969	18,957	2,983	19,588	4,675	122,162	387,146
1970	20,937	3,543	21,656	6,201	111,833	400,381
1971	22,426	3,594	21,587	6,182	117,614	402,853
1972	20,342	3,680	20,754	7,007	118,050	387,808
1973	17,885	4,850	20,910	7,944	113,395	407,538
1974	19,541	4,794	19,545	8,656	123,204	403,573
1975	18,971	4,784	19,256	6,417	116,750	390,507
1976	15,231	4,891	17,351	7,031	118,164	387,662
1977	16,228	4,423	18,776	7,809	125,682	387,403
1978	18,456	4,728	19,058	6,851	121,123	410,037
1979	19,004	5,491	19,980	6,838	121,123	393,749
1980	19,156	6,066	19,090	7,501	110,606	384,581
1981	15,931	6,085	17,911	8,383	132,023	432,886
1982	15,931	6,946	16,944	8,064	120,944	439,128
1983	15,392	7,807	15,051	8,940	139,721	446,926
1984	16,323	9,487	20,292	8,787	129,834	449,118
1985	21,619	6,019	25,548	8,190	134,650	450,396
1986	18,480	8,056	23,219	9,199	139,464	456,171
1987	16,620	12,386	19,567	8,754	153,040	466,965
1988	17,032	12,070	22,567	10,207	150,777	473,735
1989	17,242	11,493	24,440	9,501	151,292	461,819
1990	18,115	11,195	23,285	9,275	145,247	450,319
1991	19,267	12,491	23,466	10,236	141,824	466,539
1992	19,666	15,579	23,687	9,751	145,669	484,835
1993	17,699	14,206	28,012	9,830	146,440	467,195
1994	16,516	12,494	24,631	9,638	155,969	478,793
1995	17,388	12,213	22,758	9,382	147,029	474,342
1996	17,519	11,906	22,543	9,489	163,578	495,873
1997	18,991	12,461	24,566	9,302	172,034	503,323
1998	19,114	15,672	22,994	10,048	182,516	522,899
1999	19,337	14,240	23,784	9,491	192,099	541,114
2000	20,673	13,150	22,749	9,198	192,482	551,329
2001	20,785	14,503	22,856	9,655	189,031	551,116
2002	22,779	13,447	22,235	9,444	188,758	554,458
2003	23,958	16,966	20,281	9,203	188,770	562,107
2004	21,855	14,979	19,652	9,100	188,869	549,619
2005	24,035	13,811	19,360	9,929	191,563	560,520
2006	23,254	13,146	19,420	9,685	197,084	552,642

# Hourly Vehicular Volumes Borden Avenue Bridge - 2006

	<i>Eastbound</i>						<i>Westbound</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	58	---	---	---	---	---	98	156
1-2am	---	---	---	---	---	50	---	---	---	---	---	85	135
2-3am	---	---	---	---	---	37	---	---	---	---	---	89	126
3-4am	---	---	---	---	---	41	---	---	---	---	---	115	156
4-5am	---	---	---	---	---	43	---	---	---	---	---	186	229
5-6am	---	---	---	---	---	82	---	---	---	---	---	633	715
6-7am	---	---	---	---	---	166	---	---	---	---	---	1,053	1,219
7-8am	124	9	4	58	30	225	814	16	31	101	103	1,065	1,290
8-9am	122	7	6	78	38	251	868	10	12	83	36	1,009	1,260
9-10am	132	9	3	87	49	280	631	5	12	102	65	815	1,095
10-11am	202	5	10	54	24	295	583	10	5	52	16	666	961
11-12am	132	4	3	98	43	280	399	7	9	117	44	576	856
12-1pm	214	6	3	39	20	282	515	6	5	62	19	607	889
1-2pm	211	2	3	42	20	278	467	6	5	63	40	581	859
2-3pm	143	2	19	81	38	283	440	12	10	117	40	619	902
3-4pm	306	4	10	32	12	364	517	41	4	43	20	625	989
4-5pm	290	7	19	38	28	382	452	41	11	78	22	604	986
5-6pm	346	4	11	49	23	433	458	20	8	26	22	534	967
6-7pm	183	1	12	33	22	251	348	13	10	28	17	416	667
7-8pm	---	---	---	---	---	172	---	---	---	---	---	305	477
8-9pm	---	---	---	---	---	108	---	---	---	---	---	266	374
9-10pm	---	---	---	---	---	77	---	---	---	---	---	244	321
10-11pm	---	---	---	---	---	79	---	---	---	---	---	224	303
11-12pm	---	---	---	---	---	72	---	---	---	---	---	153	225
Totals	---	---	---	---	---	4,589	---	---	---	---	---	11,568	16,157
7-10am	378	25	13	223	117	756	2,313	31	55	286	204	2,889	3,645
10am-1pm	548	15	16	191	87	857	1,497	23	19	231	79	1,849	2,706
1-4pm	660	8	32	155	70	925	1,424	59	19	223	100	1,825	2,750
4-7pm	819	12	42	120	73	1,066	1,258	74	29	132	61	1,554	2,620
7am-7pm	2,405	60	103	689	347	3,604	6,492	187	122	872	444	8,117	11,721

Based on 1989 Classification Survey Data:

\*\* Peak Volumes



# **Hourly Vehicular Volumes Flushing Bridge - 2006**

	<i><b>Eastbound</b></i>						<i><b>Westbound</b></i>						<i><b>2-Way Totals</b></i>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	461	---	---	---	---	---	371	832
1-2am	---	---	---	---	---	320	---	---	---	---	---	246	566
2-3am	---	---	---	---	---	207	---	---	---	---	---	211	418
3-4am	---	---	---	---	---	174	---	---	---	---	---	212	386
4-5am	---	---	---	---	---	234	---	---	---	---	---	304	538
5-6am	---	---	---	---	---	446	---	---	---	---	---	756	1,202
6-7am	---	---	---	---	---	876	---	---	---	---	---	1,759	2,635
7-8am	1,064	47	7	92	126	1,336	2,076	13	53	99	227	2,468	3,804
8-9am	1,330	32	19	127	147	1,655	1,913	23	48	125	252	2,361	4,016
9-10am	1,288	14	32	139	101	1,574	1,453	10	58	149	242	1,912	3,486
10-11am	1,315	17	19	68	81	1,500	1,493	13	16	75	88	1,685	3,185
11-12am	1,219	8	47	120	205	1,599	1,258	2	24	118	152	1,554	3,153
12-1pm	1,446	8	26	59	92	1,631	1,355	6	6	70	86	1,523	3,154
1-2pm	1,338	19	16	61	126	1,560	1,491	13	23	68	42	1,637	3,197
2-3pm	1,246	28	33	133	331	1,771	1,385	21	56	107	96	1,665	3,436
3-4pm	1,609	19	17	50	178	1,873	1,619	30	22	53	46	1,770	3,643
4-5pm	1,551	14	29	61	276	1,931	1,487	12	33	61	91	1,684	3,615
5-6pm	1,741	13	15	51	255	2,075	1,390	6	46	51	89	1,582	3,657
6-7pm	1,733	9	10	37	211	2,000	1,478	8	16	38	53	1,593	3,593
7-8pm	---	---	---	---	---	1,840	---	---	---	---	---	1,499	3,339
8-9pm	---	---	---	---	---	1,562	---	---	---	---	---	1,363	2,925
9-10pm	---	---	---	---	---	1,472	---	---	---	---	---	1,272	2,744
10-11pm	---	---	---	---	---	1,117	---	---	---	---	---	1,044	2,161
11-12pm	---	---	---	---	---	714	---	---	---	---	---	744	1,458
Totals	---	---	---	---	---	29,928	---	---	---	---	---	31,215	61,143
7-10am	3,682	93	58	358	374	4,565	5,442	46	159	373	721	6,741	11,306
10am-1pm	3,980	33	92	247	378	4,730	4,106	21	46	263	326	4,762	9,492
1-4pm	4,193	66	66	244	635	5,204	4,495	64	101	228	184	5,072	10,276
4-7pm	5,025	36	54	149	742	6,006	4,355	26	95	150	233	4,859	10,865
7am-7pm	16,880	228	270	998	2,129	20,505	18,398	157	401	1,014	1,464	21,434	41,939

Based on 1989 Classification Survey Data:

\*\* Peak Volumes

# Hourly Vehicular Volumes Hook Creek Bridge - 2006

	<i>Northbound</i>						<i>Southbound</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	362	---	---	---	---	---	628	990
1-2am	---	---	---	---	---	214	---	---	---	---	---	344	558
2-3am	---	---	---	---	---	144	---	---	---	---	---	220	364
3-4am	---	---	---	---	---	206	---	---	---	---	---	185	391
4-5am	---	---	---	---	---	395	---	---	---	---	---	219	614
5-6am	---	---	---	---	---	1,090	---	---	---	---	---	424	1,514
6-7am	---	---	---	---	---	2,246	---	---	---	---	---	1,174	3,420
7-8am	2,363	17	57	73	41	2,551 **	1,517	14	138	138	101	1,908	4,459
8-9am	2,168	17	80	116	67	2,448	1,800	10	137	158	91	2,196	4,644
9-10am	1,887	7	65	145	70	2,174	1,550	7	77	123	79	1,836	4,010
10-11am	1,736	2	13	49	41	1,841	1,610	2	12	55	46	1,725	3,566
11-12am	1,586	9	42	179	83	1,899	1,623	2	14	104	84	1,827	3,726
12-1pm	1,891	9	26	59	20	2,005	1,810	0	12	42	25	1,889	3,894
1-2pm	1,876	13	42	72	52	2,055	1,712	6	60	117	49	1,944	3,999
2-3pm	1,882	16	46	83	75	2,102	1,945	3	32	91	77	2,148	4,250
3-4pm	2,152	34	11	27	16	2,240	2,377	3	19	38	44	2,481	4,721
4-5pm	2,090	11	26	44	34	2,205	2,359	3	41	55	64	2,522	4,727
5-6pm	2,057	12	38	40	83	2,230	2,381	7	57	39	73	2,557	4,787 **
6-7pm	1,912	12	43	24	19	2,010	2,455	4	50	36	26	2,571 **	4,581
7-8pm	---	---	---	---	---	1,812	---	---	---	---	---	2,424	4,236
8-9pm	---	---	---	---	---	1,423	---	---	---	---	---	2,082	3,505
9-10pm	---	---	---	---	---	1,079	---	---	---	---	---	1,614	2,693
10-11pm	---	---	---	---	---	922	---	---	---	---	---	1,416	2,338
11-12pm	---	---	---	---	---	718	---	---	---	---	---	1,062	1,780
Totals	---	---	---	---	---	36,371	---	---	---	---	---	37,396	73,767
7-10am	6,418	41	202	334	178	7,173	4,867	31	352	419	271	5,940	13,113
10am-1pm	5,213	20	81	287	144	5,745	5,043	4	38	201	155	5,441	11,186
1-4pm	5,910	63	99	182	143	6,397	6,034	12	111	246	170	6,573	12,970
4-7pm	6,059	35	107	108	136	6,445	7,195	14	148	130	163	7,650	14,095
7am-7pm	23,600	159	489	911	601	25,760	23,139	61	649	996	759	25,604	51,364

Based on 1989 Classification Survey Data:

\*\* Peak Volumes

# Hourly Vehicular Volumes Hunters Point Bridge - 2006

	<i>Eastbound</i>						<i>Westbound</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	37	---	---	---	---	---	44	81
1-2am	---	---	---	---	---	23	---	---	---	---	---	27	50
2-3am	---	---	---	---	---	21	---	---	---	---	---	24	45
3-4am	---	---	---	---	---	16	---	---	---	---	---	33	49
4-5am	---	---	---	---	---	24	---	---	---	---	---	58	82
5-6am	---	---	---	---	---	33	---	---	---	---	---	204	237
6-7am	---	---	---	---	---	103	---	---	---	---	---	346	449
7-8am	100	0	14	15	12	141	293	1	16	26	57	393	534
8-9am	82	0	5	21	37	145	333	0	6	27	29	395	540
9-10am	94	0	2	26	31	153	224	0	3	41	46	314	467
10-11am	115	0	4	16	5	140	237	0	1	26	16	280	420
11-12am	86	1	6	24	18	135	201	0	2	49	30	282	417
12-1pm	117	0	6	18	18	159	202	0	1	30	20	253	412
1-2pm	133	0	10	19	22	184	169	2	2	18	20	211	395
2-3pm	108	0	16	29	29	182	172	8	1	30	28	239	421
3-4pm	186	0	8	20	7	221	244	4	1	8	4	261	482
4-5pm	195	0	15	21	38	269	186	39	2	9	28	264	533
5-6pm	284	0	16	3	31	334	215	11	1	16	17	260	594
6-7pm	158	2	3	8	19	190	135	4	2	5	13	159	349
7-8pm	---	---	---	---	---	98	---	---	---	---	---	103	201
8-9pm	---	---	---	---	---	60	---	---	---	---	---	73	133
9-10pm	---	---	---	---	---	57	---	---	---	---	---	62	119
10-11pm	---	---	---	---	---	62	---	---	---	---	---	75	137
11-12pm	---	---	---	---	---	42	---	---	---	---	---	73	115
Totals	---	---	---	---	---	2,829	---	---	---	---	---	4,433	7,262
7-10am	276	0	21	62	80	439	850	1	25	94	132	1,102	1,541
10am-1pm	318	1	16	58	41	434	640	0	4	105	66	815	1,249
1-4pm	427	0	34	68	58	587	585	14	4	56	52	711	1,298
4-7pm	637	2	34	32	88	793	536	54	5	30	58	683	1,476
7am-7pm	1,658	3	105	220	267	2,253	2,611	69	38	285	308	3,311	5,564

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes Little Neck Bridge - 2006

	<i>Eastbound</i>						<i>Westbound</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	159	---	---	---	---	---	125	284
1-2am	---	---	---	---	---	83	---	---	---	---	---	78	161
2-3am	---	---	---	---	---	52	---	---	---	---	---	52	104
3-4am	---	---	---	---	---	43	---	---	---	---	---	34	77
4-5am	---	---	---	---	---	56	---	---	---	---	---	76	132
5-6am	---	---	---	---	---	209	---	---	---	---	---	366	575
6-7am	---	---	---	---	---	521	---	---	---	---	---	1,322	1,843
7-8am	1,238	40	69	107	66	1,520	1,861	77	7	38	96	2,079 **	3,599
8-9am	1,676	26	78	70	52	1,902	1,644	45	3	34	71	1,797	3,699
9-10am	1,211	18	54	67	25	1,375	1,355	8	0	39	74	1,476	2,851
10-11am	1,100	8	27	42	28	1,205	1,166	10	0	25	32	1,233	2,438
11-12am	1,007	11	25	58	47	1,148	1,059	7	0	66	55	1,187	2,335
12-1pm	1,188	13	9	41	12	1,263	1,146	10	0	27	44	1,227	2,490
1-2pm	1,167	9	21	31	33	1,261	1,165	3	0	22	33	1,223	2,484
2-3pm	1,224	15	59	80	59	1,437	1,203	10	0	43	85	1,341	2,778
3-4pm	1,725	21	19	39	22	1,826	1,365	11	0	16	49	1,441	3,267
4-5pm	1,615	14	74	131	86	1,920	1,377	16	0	41	99	1,533	3,453
5-6pm	1,791	20	54	45	90	2,000 **	1,781	13	0	11	68	1,873	3,873 **
6-7pm	1,824	19	56	44	37	1,980	1,615	9	0	7	59	1,690	3,670
7-8pm	---	---	---	---	---	1,461	---	---	---	---	---	1,271	2,732
8-9pm	---	---	---	---	---	1,035	---	---	---	---	---	1,014	2,049
9-10pm	---	---	---	---	---	778	---	---	---	---	---	881	1,659
10-11pm	---	---	---	---	---	535	---	---	---	---	---	618	1,153
11-12pm	---	---	---	---	---	329	---	---	---	---	---	310	639
Totals	---	---	---	---	---	24,098	---	---	---	---	---	24,247	48,345
7-10am	4,125	84	201	244	143	4,797	4,860	130	10	111	241	5,352	10,149
10am-1pm	3,295	32	61	141	87	3,616	3,371	27	0	118	131	3,647	7,263
1-4pm	4,116	45	99	150	114	4,524	3,733	24	0	81	167	4,005	8,529
4-7pm	5,230	53	184	220	213	5,900	4,773	38	0	59	226	5,096	10,996
7am-7pm	16,766	214	545	755	557	18,837	16,737	219	10	369	765	18,100	36,937

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes Midtown Highway Bridge - 2006

	<i>Eastbound</i>						<i>Westbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	1,161	---	---	---	---	---	635	1,796
1-2am	---	---	---	---	---	636	---	---	---	---	---	426	1,062
2-3am	---	---	---	---	---	429	---	---	---	---	---	203	632
3-4am	---	---	---	---	---	306	---	---	---	---	---	190	496
4-5am	---	---	---	---	---	459	---	---	---	---	---	295	754
5-6am	---	---	---	---	---	835	---	---	---	---	---	1,061	1,896
6-7am	---	---	---	---	---	1,400	---	---	---	---	---	2,336	3,736
7-8am	1,356	69	14	133	87	1,659	2,723	149	69	122	268	3,331	4,990
8-9am	1,302	105	14	112	85	1,618	3,210	75	73	149	297	3,804	5,422 **
9-10am	1,188	128	11	139	94	1,560	2,483	74	107	174	248	3,086	4,646
10-11am	1,656	59	3	53	69	1,840	1,917	24	27	56	76	2,100	3,940
11-12am	1,604	44	6	105	96	1,855	1,554	14	86	96	108	1,858	3,713
12-1pm	1,848	25	18	74	80	2,045	1,631	7	55	62	55	1,810	3,855
1-2pm	1,857	31	69	147	244	2,348	1,385	17	109	118	111	1,740	4,088
2-3pm	2,417	15	61	145	191	2,829	1,509	72	90	127	101	1,899	4,728
3-4pm	2,716	27	31	52	115	2,941	1,898	74	76	59	85	2,192	5,133
4-5pm	2,506	22	71	90	290	2,979 **	1,614	168	135	46	150	2,113	5,092
5-6pm	2,573	22	20	50	230	2,895	1,954	100	112	103	108	2,377	5,272
6-7pm	2,353	8	25	55	139	2,580	1,974	30	57	53	61	2,175	4,755
7-8pm	---	---	---	---	---	2,275	---	---	---	---	---	1,892	4,167
8-9pm	---	---	---	---	---	2,132	---	---	---	---	---	1,551	3,683
9-10pm	---	---	---	---	---	2,096	---	---	---	---	---	1,390	3,486
10-11pm	---	---	---	---	---	2,063	---	---	---	---	---	1,279	3,342
11-12pm	---	---	---	---	---	1,647	---	---	---	---	---	1,048	2,695
Totals	---	---	---	---	---	42,588	---	---	---	---	---	40,791	83,379
7-10am	3,846	302	39	384	266	4,837	8,416	298	249	445	813	10,221	15,058
10am-1pm	5,108	128	27	232	245	5,740	5,102	45	168	214	239	5,768	11,508
1-4pm	6,990	73	161	344	550	8,118	4,792	163	275	304	297	5,831	13,949
4-7pm	7,432	52	116	195	659	8,454	5,542	298	304	202	319	6,665	15,119
7am-7pm	23,376	555	343	1,155	1,720	27,149	23,852	804	996	1,165	1,668	28,485	55,634

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes North Channel Bridge - 2006

	<i>Northbound</i>						<i>Southbound</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	Autos	Buses	Commuter Vans	Trucks	Commercial Vans	Totals	
12-1am	---	---	---	---	---	90	---	---	---	---	---	179	269
1-2am	---	---	---	---	---	63	---	---	---	---	---	106	169
2-3am	---	---	---	---	---	56	---	---	---	---	---	62	118
3-4am	---	---	---	---	---	66	---	---	---	---	---	31	97
4-5am	---	---	---	---	---	139	---	---	---	---	---	60	199
5-6am	---	---	---	---	---	397	---	---	---	---	---	115	512
6-7am	---	---	---	---	---	935	---	---	---	---	---	409	1,344
7-8am	1,189	33	20	23	36	1,301 **	454	31	8	49	81	623	1,924 **
8-9am	923	31	21	44	72	1,091	384	27	1	42	64	518	1,609
9-10am	544	8	7	61	36	656	312	18	3	56	63	452	1,108
10-11am	507	10	7	25	8	557	392	12	0	19	31	454	1,011
11-12am	451	8	8	55	46	568	332	8	0	48	67	455	1,023
12-1pm	485	15	0	31	29	560	456	11	0	17	26	510	1,070
1-2pm	519	4	4	18	15	560	521	7	0	14	29	571	1,131
2-3pm	582	21	11	51	43	708	563	29	4	29	80	705	1,413
3-4pm	804	27	13	24	26	894	777	26	0	26	62	891	1,785
4-5pm	615	33	13	45	33	739	726	9	2	29	88	854	1,593
5-6pm	537	9	16	27	23	612	830	6	0	18	57	911 **	1,523
6-7pm	458	8	18	23	37	544	795	7	4	11	68	885	1,429
7-8pm	---	---	---	---	---	432	---	---	---	---	---	718	1,150
8-9pm	---	---	---	---	---	327	---	---	---	---	---	592	919
9-10pm	---	---	---	---	---	283	---	---	---	---	---	496	779
10-11pm	---	---	---	---	---	234	---	---	---	---	---	399	633
11-12pm	---	---	---	---	---	179	---	---	---	---	---	267	446
Totals	---	---	---	---	---	11,991	---	---	---	---	---	11,263	23,254
7-10am	2,656	72	48	128	144	3,048	1,150	76	12	147	208	1,593	4,641
10am-1pm	1,443	33	15	111	83	1,685	1,180	31	0	84	124	1,419	3,104
1-4pm	1,905	52	28	93	84	2,162	1,861	62	4	69	171	2,167	4,329
4-7pm	1,610	50	47	95	93	1,895	2,351	22	6	58	213	2,650	4,545
7am-7pm	7,614	207	138	427	404	8,790	6,542	191	22	358	716	7,829	16,619

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes Rikers Island Bridge - 2006

	<i>Northbound</i>						<i>Southbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	38	---	---	---	---	---	248	286
1-2am	---	---	---	---	---	21	---	---	---	---	---	37	58
2-3am	---	---	---	---	---	29	---	---	---	---	---	16	45
3-4am	---	---	---	---	---	85	---	---	---	---	---	27	112
4-5am	---	---	---	---	---	226	---	---	---	---	---	51	277
5-6am	---	---	---	---	---	457	---	---	---	---	---	114	571
6-7am	---	---	---	---	---	788 **	---	---	---	---	---	459	1,247 **
7-8am	425	6	2	27	52	512	366	25	13	13	5	422	934
8-9am	302	6	1	18	24	351	312	17	20	25	10	384	735
9-10am	157	22	1	20	26	226	116	12	3	23	7	161	387
10-11am	163	13	0	17	19	212	130	13	3	11	2	159	371
11-12am	165	14	2	25	30	236	139	22	14	25	11	211	447
12-1pm	292	14	1	10	18	335	295	13	14	11	7	340	675
1-2pm	348	31	2	9	16	406	390	17	21	14	6	448	854
2-3pm	502	13	1	15	38	569	584	17	32	27	14	674	1,243
3-4pm	208	8	1	5	10	232	764	14	24	14	1	817 **	1,049
4-5pm	110	8	1	3	7	129	616	9	25	15	0	665	794
5-6pm	82	8	1	0	10	101	250	8	13	2	3	276	377
6-7pm	66	22	3	5	6	102	174	6	22	4	0	206	308
7-8pm	---	---	---	---	---	99	---	---	---	---	---	250	349
8-9pm	---	---	---	---	---	69	---	---	---	---	---	219	288
9-10pm	---	---	---	---	---	148	---	---	---	---	---	237	385
10-11pm	---	---	---	---	---	436	---	---	---	---	---	237	673
11-12pm	---	---	---	---	---	129	---	---	---	---	---	552	681
Totals	---	---	---	---	---	5,936	---	---	---	---	---	7,210	13,146
7-10am	884	34	4	65	102	1,089	794	54	36	61	22	967	2,056
10am-1pm	620	41	3	52	67	783	564	48	31	47	20	710	1,493
1-4pm	1,058	52	4	29	64	1,207	1,738	48	77	55	21	1,939	3,146
4-7pm	258	38	5	8	23	332	1,040	23	60	21	3	1,147	1,479
7am-7pm	2,820	165	16	154	256	3,411	4,136	173	204	184	66	4,763	8,174

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# Hourly Vehicular Volumes Roosevelt Avenue Bridge - 2006

	<i>Eastbound</i>						<i>Westbound</i>						<b>2-Way Totals</b>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	110	---	---	---	---	---	94	204
1-2am	---	---	---	---	---	77	---	---	---	---	---	68	145
2-3am	---	---	---	---	---	57	---	---	---	---	---	50	107
3-4am	---	---	---	---	---	42	---	---	---	---	---	42	84
4-5am	---	---	---	---	---	70	---	---	---	---	---	58	128
5-6am	---	---	---	---	---	125	---	---	---	---	---	150	275
6-7am	---	---	---	---	---	250	---	---	---	---	---	328	578
7-8am	315	27	11	29	18	400	575	5	17	43	39	679	1,079
8-9am	365	15	10	36	40	466	696	20	12	23	37	788	1,254
9-10am	360	6	10	37	43	456	457	49	10	24	29	569	1,025
10-11am	406	5	9	19	24	463	513	9	3	19	7	551	1,014
11-12am	372	10	10	36	42	470	471	17	3	20	10	521	991
12-1pm	445	5	8	14	12	484	465	10	1	3	4	483	967
1-2pm	463	29	2	9	20	523	465	12	0	2	5	484	1,007
2-3pm	402	27	13	46	41	529	474	8	2	13	11	508	1,037
3-4pm	590	13	9	26	32	670	469	65	1	9	10	554	1,224
4-5pm	499	9	27	49	78	662	567	14	4	10	11	606	1,268
5-6pm	753	6	26	33	97	915	590	7	2	11	7	617	1,532
6-7pm	714	5	19	30	73	841	712	36	7	14	13	782	1,623
7-8pm	---	---	---	---	---	613	---	---	---	---	---	509	1,122
8-9pm	---	---	---	---	---	499	---	---	---	---	---	371	870
9-10pm	---	---	---	---	---	621	---	---	---	---	---	317	938
10-11pm	---	---	---	---	---	351	---	---	---	---	---	265	616
11-12pm	---	---	---	---	---	185	---	---	---	---	---	147	332
Totals	---	---	---	---	---	9,879	---	---	---	---	---	9,541	19,420
7-10am	1,040	48	31	102	101	1,322	1,728	74	39	90	105	2,036	3,358
10am-1pm	1,223	20	27	69	78	1,417	1,449	36	7	42	21	1,555	2,972
1-4pm	1,455	69	24	81	93	1,722	1,408	85	3	24	26	1,546	3,268
4-7pm	1,966	20	72	112	248	2,418	1,869	57	13	35	31	2,005	4,423
7am-7pm	5,684	157	154	364	520	6,879	6,454	252	62	191	183	7,142	14,021

Based on 1989 Classification Survey Data

\*\* Peak Volumes



# Hourly Vehicular Volumes Roosevelt Island Bridge - 2006

	<i>Eastbound</i>						<i>Westbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	145	---	---	---	---	---	88	233
1-2am	---	---	---	---	---	42	---	---	---	---	---	44	86
2-3am	---	---	---	---	---	26	---	---	---	---	---	29	55
3-4am	---	---	---	---	---	22	---	---	---	---	---	23	45
4-5am	---	---	---	---	---	26	---	---	---	---	---	34	60
5-6am	---	---	---	---	---	42	---	---	---	---	---	110	152
6-7am	---	---	---	---	---	105	---	---	---	---	---	361	466
7-8am	265	14	13	4	4	300	515	10	32	14	9	580	880 **
8-9am	242	16	21	16	9	304	344	5	2	13	4	368	672
9-10am	143	8	9	22	5	187	199	5	9	13	2	228	415
10-11am	153	2	4	9	5	173	138	4	1	10	8	161	334
11-12am	163	5	9	16	17	210	141	4	9	26	9	189	399
12-1pm	189	4	2	14	6	215	178	24	3	6	4	215	430
1-2pm	210	7	2	5	8	232	181	6	1	9	7	204	436
2-3pm	264	5	5	26	8	308	204	7	4	9	8	232	540
3-4pm	407	23	1	8	10	449	307	8	5	4	3	327	776
4-5pm	510	7	12	2	11	542 **	214	9	6	2	6	237	779
5-6pm	303	5	0	4	10	322	195	7	0	3	7	212	534
6-7pm	229	2	1	1	14	247	224	4	3	3	1	235	482
7-8pm	---	---	---	---	---	209	---	---	---	---	---	210	419
8-9pm	---	---	---	---	---	198	---	---	---	---	---	190	388
9-10pm	---	---	---	---	---	160	---	---	---	---	---	168	328
10-11pm	---	---	---	---	---	147	---	---	---	---	---	172	319
11-12pm	---	---	---	---	---	207	---	---	---	---	---	250	457
Totals	---	---	---	---	---	4,818	---	---	---	---	---	4,867	9,685
7-10am	650	38	43	42	18	791	1,058	20	43	40	15	1,176	1,967
10am-1pm	505	11	15	39	28	598	457	32	13	42	21	565	1,163
1-4pm	881	35	8	39	26	989	692	21	10	22	18	763	1,752
4-7pm	1,042	14	13	7	35	1,111	633	20	9	8	14	684	1,795
7am-7pm	3,078	98	79	127	107	3,489	2,840	93	75	112	68	3,188	6,677

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# **Hourly Vehicular Volumes Whitestone Expressway Bridge - 2006**

	<i>Northbound</i>						<i>Southbound</i>						2-Way Totals
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	1,546	---	---	---	---	---	1,311	2,857
1-2am	---	---	---	---	---	1,052	---	---	---	---	---	802	1,854
2-3am	---	---	---	---	---	700	---	---	---	---	---	660	1,360
3-4am	---	---	---	---	---	664	---	---	---	---	---	789	1,453
4-5am	---	---	---	---	---	953	---	---	---	---	---	1,443	2,396
5-6am	---	---	---	---	---	2,171	---	---	---	---	---	3,725	5,896
6-7am	---	---	---	---	---	4,106	---	---	---	---	---	7,131	11,237
7-8am	4,609	87	167	284	328	5,475	6,362	66	260	567	714	7,969	13,444
8-9am	4,456	69	266	354	219	5,364	6,193	80	211	526	450	7,460	12,824
9-10am	3,347	66	156	395	197	4,161	4,838	83	218	569	465	6,173	10,334
10-11am	3,122	32	74	213	130	3,571	4,498	21	112	210	120	4,961	8,532
11-12am	2,909	25	143	494	249	3,820	3,770	24	203	463	247	4,707	8,527
12-1pm	3,608	63	58	235	117	4,081	4,118	30	100	231	160	4,639	8,720
1-2pm	4,090	56	40	213	115	4,514	4,090	60	93	263	164	4,670	9,184
2-3pm	4,531	64	137	466	388	5,586	4,097	73	164	478	293	5,105	10,691
3-4pm	5,797	28	80	229	233	6,367	5,252	96	118	227	163	5,856	12,223
4-5pm	5,552	24	154	315	378	6,423	5,061	60	220	395	296	6,032	12,455
5-6pm	5,876	33	159	255	386	6,709	5,610	27	163	231	168	6,199	12,908
6-7pm	5,912	51	164	168	318	6,613	5,171	10	175	106	147	5,609	12,222
7-8pm	---	---	---	---	---	5,766	---	---	---	---	---	4,796	10,562
8-9pm	---	---	---	---	---	4,762	---	---	---	---	---	3,768	8,530
9-10pm	---	---	---	---	---	4,060	---	---	---	---	---	3,434	7,494
10-11pm	---	---	---	---	---	3,636	---	---	---	---	---	2,957	6,593
11-12pm	---	---	---	---	---	2,625	---	---	---	---	---	2,163	4,788
Totals	---	---	---	---	---	94,725	---	---	---	---	---	102,359	197,084
7-10am	12,412	222	589	1,033	744	15,000	17,393	229	689	1,662	1,629	21,602	36,602
10am-1pm	9,639	120	275	942	496	11,472	12,386	75	415	904	527	14,307	25,779
1-4pm	14,418	148	257	908	736	16,467	13,439	229	375	968	620	15,631	32,098
4-7pm	17,340	108	477	738	1,082	19,745	15,842	97	558	732	611	17,840	37,585
7am-7pm	53,809	598	1,598	3,621	3,058	62,684	59,060	630	2,037	4,266	3,387	69,380	132,064

Based on 1989 Classification Survey Data

\*\* Peak Volumes

# ***Staten Island Bridges***

**Staten Island Bridges**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<b>Year</b>	<b><i>Fresh Kills</i></b>
1948	5,597
1949	5,759
1950	6,250
1951	8,023
1952	7,891
1953	7,858
1954	9,098
1955	9,841
1956	9,415
1957	9,897
1958	10,121
1959	8,573
1960	8,147
1961	10,270
1962	9,400
1963	12,450
1964	15,010
1965	15,539
1966	17,175
1967	17,309
1968	19,789
1969	22,379
1970	21,631
1971	26,744
1972	28,455
1973	37,213
1974	36,207
1975	38,684
1976	34,675
1977	30,295
1978	34,467
1979	36,806
1980	41,604
1981	46,947
1982	68,481
1983	46,450
1984	50,341
1985	53,590
1986	44,230
1987	50,372
1988	50,385
1989	36,550
1990	53,442
1991	49,197
1992	48,507
1993	49,969
1994	48,562
1995	47,132
1996	49,740
1997	51,738
1998	53,770
1999	65,577
2000	66,980
2001	67,465
2002	64,563
2003	66,155
2004	64,705
2005	66,816
2006	65,274

# Hourly Vehicular Volumes Fresh Kills Bridge - 2006

	<i>Northbound</i>						<i>Southbound</i>						<i>2-Way Totals</i>
	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	Autos	Buses	Commuter Vans	Commercial Trucks	Vans	Totals	
12-1am	---	---	---	---	---	280	---	---	---	---	---	331	611
1-2am	---	---	---	---	---	146	---	---	---	---	---	187	333
2-3am	---	---	---	---	---	112	---	---	---	---	---	123	235
3-4am	---	---	---	---	---	103	---	---	---	---	---	85	188
4-5am	---	---	---	---	---	237	---	---	---	---	---	98	335
5-6am	---	---	---	---	---	651	---	---	---	---	---	237	888
6-7am	---	---	---	---	---	1,672	---	---	---	---	---	536	2,208
7-8am	1,249	130	377	418	199	2,373 **	912	61	6	36	30	1,045	3,418
8-9am	1,011	222	437	535	150	2,355	1,018	22	4	66	33	1,143	3,498
9-10am	1,435	25	211	284	53	2,008	894	16	3	73	36	1,022	3,030
10-11am	1,787	40	80	118	23	2,048	1,201	14	0	45	26	1,286	3,334
11-12am	1,497	79	189	297	38	2,100	1,450	15	2	133	70	1,670	3,770
12-1pm	1,830	30	100	194	36	2,190	1,648	36	0	91	48	1,823	4,013
1-2pm	1,894	57	75	88	44	2,158	1,828	77	0	71	28	2,004	4,162
2-3pm	1,532	88	146	234	25	2,025	1,880	67	0	215	112	2,274	4,299
3-4pm	1,780	90	83	88	13	2,054	2,234	40	5	91	83	2,453	4,507
4-5pm	1,698	47	130	158	35	2,068	2,353	27	4	170	108	2,662	4,730
5-6pm	1,625	94	168	149	24	2,060	2,362	35	4	217	143	2,761 **	4,821 **
6-7pm	1,543	140	153	111	35	1,982	2,159	31	15	163	124	2,492	4,474
7-8pm	---	---	---	---	---	1,820	---	---	---	---	---	2,194	4,014
8-9pm	---	---	---	---	---	1,262	---	---	---	---	---	1,841	3,103
9-10pm	---	---	---	---	---	909	---	---	---	---	---	1,545	2,454
10-11pm	---	---	---	---	---	774	---	---	---	---	---	901	1,675
11-12pm	---	---	---	---	---	557	---	---	---	---	---	617	1,174
Totals	---	---	---	---	---	33,944	---	---	---	---	---	31,330	65,274
7-10am	3,695	377	1,025	1,237	402	6,736	2,824	99	13	175	99	3,210	9,946
10am-1pm	5,114	149	369	609	97	6,338	4,299	65	2	269	144	4,779	11,117
1-4pm	5,206	235	304	410	82	6,237	5,942	184	5	377	223	6,731	12,968
4-7pm	4,866	281	451	418	94	6,110	6,874	93	23	550	375	7,915	14,025
7am-7pm	18,881	1,042	2,149	2,674	675	25,421	19,939	441	43	1,371	841	22,635	48,056

Based on 1989 Classification Survey Data

\*\* Peak Volumes

***MTABT  
Facilities***

**Manhattan MTABT Facilities**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<b>Year</b>	<b>Brooklyn- Battery Tunnel</b>	<b>Henry Hudson Bridge</b>	<b>Queens- Midtown Tunnel</b>	<b>Triborough Bridge Manh. Plz.</b>	<b>Manhattan Totals</b>
1948	<i>Opened</i>	40,050	26,462	26,465	92,977
1949	<i>05/25/1950</i>	47,472	30,045	32,554	110,071
1950	37,258	53,559	34,044	36,995	161,856
1951	41,253	57,700	36,680	44,639	180,272
1952	45,366	61,592	38,866	48,503	194,327
1953	47,999	65,432	38,509	48,595	200,535
1954	45,120	69,025	38,185	52,286	204,616
1955	45,843	71,240	39,839	59,913	216,835
1956	48,054	69,477	49,544	64,460	231,535
1957	54,490	62,865	54,311	64,677	236,343
1958	53,789	57,321	58,321	62,982	232,413
1959	49,468	56,529	61,115	64,389	231,501
1960	48,970	56,675	62,008	63,115	230,768
1961	48,197	57,140	62,301	59,603	227,241
1962	48,173	59,548	65,038	60,251	233,010
1963	48,271	52,803	63,038	60,988	225,100
1964	51,893	50,768	67,713	66,139	236,513
1965	56,455	45,353	69,386	69,755	240,949
1966	57,674	44,043	69,850	71,540	243,107
1967	57,611	43,409	69,416	73,602	244,038
1968	60,652	44,908	66,432	75,932	247,924
1969	62,116	45,382	68,884	78,481	254,863
1970	62,042	46,720	77,180	85,121	271,063
1971	64,032	50,541	81,747	90,372	286,692
1972	52,065	45,818	74,936	80,052	252,871
1973	49,916	41,871	74,214	85,592	251,593
1974	46,620	38,331	75,219	82,676	242,846
1975	45,636	30,603	65,315	72,566	214,120
1976	52,444	30,557	65,881	68,325	217,207
1977	53,500	31,840	71,150	73,276	229,766
1978	58,252	33,605	72,696	76,572	241,125
1979	60,445	33,387	69,827	87,885	251,544
1980	62,386	31,817	73,216	88,439	255,858
1981	58,657	36,625	81,211	93,361	269,854
1982	56,189	30,923	78,229	88,158	253,499
1983	61,130	31,279	78,134	92,967	263,510
1984	58,032	34,898	74,808	95,247	262,985
1985	63,469	41,680	76,065	94,644	275,858
1986	60,778	49,005	71,478	93,432	274,693
1987	63,256	52,778	77,813	95,795	289,642
1988	62,959	54,910	76,243	99,438	293,550
1989	59,254	50,556	72,828	92,720	275,358
1990	60,512	57,528	71,186	99,840	289,066
1991	63,883	56,279	80,616	94,487	295,265
1992	62,510	58,660	81,835	97,198	300,203
1993	57,561	54,650	77,288	92,660	282,159
1994	57,013	58,291	68,511	79,536	263,351
1995	61,097	62,899	73,882	95,696	293,574
1996	57,091	58,759	72,285	92,981	281,116
1997	54,690	59,660	78,023	91,313	283,686
1998	61,091	59,339	79,697	93,863	293,990
1999	63,307	61,165	80,941	98,553	303,966
2000	63,242	66,304	80,879	103,079	313,504
2001	13,762	69,087	72,864	102,224	257,937
2002	56,976	70,731	82,834	94,759	305,300
2003	56,271	72,209	85,377	93,177	307,034
2004	54,488	73,114	86,599	97,958	312,159
2005	49,043	70,407	86,063	91,898	297,411
2006	57,436	71,761	89,972	98,582	317,751

MTABT Toll Increases 1/72, 9/75, 5/80, 4/82, 1/84, 1/86, 2/87, 7/89, 1/93, 3/96, 5/03, & 3/05.

**Outer Borough MTABT Bridges**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<i>Year</i>	<i>Bronx-Whitestone</i>	<i>Cross Bay</i>	<i>Marine Parkway</i>	<i>Throgs Neck</i>	<i>Triborough Bronx Plz.</i>	<i>Verrazano-Narrows</i>	<i>Totals</i>
1948	33,343	11,421	10,216		25,997		80,977
1949	41,485	12,579	11,743	<i>Opened 01/11/1961</i>	31,310	<i>Opened 11/21/1964</i>	97,117
1950	47,900	13,002	12,971		35,581		109,454
1951	54,565	13,443	13,449		42,934		124,391
1952	59,269	13,706	13,995		46,777		133,747
1953	66,055	15,460	15,620		46,738		143,873
1954	72,061	15,348	16,113		50,289		153,811
1955	77,352	15,630	16,571		57,623		167,176
1956	82,643	15,557	16,277		62,167		176,644
1957	82,199	15,465	16,172		62,206		176,042
1958	83,022	14,895	15,694		60,576		174,187
1959	88,731	15,589	16,975		61,929		183,224
1960	91,956	15,175	16,605		60,870		184,606
1961	55,100	15,518	16,657		57,325		144,600
1962	47,532	15,939	17,301	60,697	57,949		199,418
1963	45,352	16,421	17,978	75,532	58,657		213,940
1964	64,573	16,594	18,145	76,245	61,152		236,709
1965	72,053	16,864	18,855	77,755	67,090	48,842	301,459
1966	71,382	17,684	19,745	80,647	68,806	58,720	316,984
1967	73,931	17,448	19,904	81,237	70,791	66,607	329,918
1968	78,773	18,367	21,424	83,634	73,232	77,393	352,823
1969	79,416	17,608	21,406	85,708	75,482	86,114	365,734
1970	81,582	17,908	22,076	83,734	81,868	96,953	384,121
1971	86,573	18,399	22,426	84,279	83,804	106,014	401,495
1972	80,704	16,813	20,956	89,595	74,777	105,898	388,743
1973	81,548	16,783	21,502	95,326	75,552	111,385	402,096
1974	82,699	16,769	19,734	89,622	76,673	109,671	395,168
1975	81,081	15,019	18,715	87,725	70,338	108,572	381,450
1976	82,060	14,281	17,804	89,520	67,887	110,761	382,313
1977	81,992	14,489	16,724	90,635	67,590	113,040	384,470
1978	86,537	13,955	17,750	89,847	64,746	125,799	398,634
1979	90,394	13,690	17,404	86,315	63,046	124,667	395,516
1980	88,346	13,903	16,472	87,011	63,219	130,904	399,855
1981	84,475	11,583	16,510	91,511	76,200	137,695	417,974
1982	90,312	13,072	17,119	93,867	74,092	143,811	432,273
1983	97,945	13,412	18,003	97,706	78,885	140,645	446,596
1984	97,636	14,835	19,749	90,153	79,300	155,892	457,565
1985	109,012	15,279	20,595	84,517	83,747	162,632	475,782
1986	102,567	15,162	19,965	94,395	80,703	162,426	475,218
1987	102,115	14,289	20,512	93,770	81,424	170,319	482,429
1988	98,235	14,989	21,098	102,333	83,002	174,416	494,073
1989	95,762	14,466	19,666	94,147	78,877	172,529	475,447
1990	104,377	14,645	21,489	91,237	80,346	175,948	488,042
1991	99,054	14,925	20,893	94,377	81,364	178,340	488,953
1992	96,830	14,821	21,042	98,135	77,125	183,218	491,171
1993	93,712	14,578	20,137	101,402	70,458	178,416	478,703
1994	104,819	14,442	20,623	97,471	71,777	181,156	490,288
1995	108,185	15,423	20,568	97,282	72,012	184,634	498,104
1996	101,048	14,845	21,212	97,629	74,522	184,557	493,813
1997	93,018	14,221	19,782	102,094	76,937	182,871	488,923
1998	104,125	16,286	19,583	99,471	81,913	194,592	515,970
1999	120,170	16,975	19,904	90,986	80,019	194,623	522,677
2000	117,583	17,962	21,609	98,357	79,243	202,580	537,334
2001	111,764	19,626	19,527	104,429	77,631	218,971	551,948
2002	123,258	20,010	21,684	104,535	72,259	212,491	554,237
2003	113,441	20,233	21,745	111,092	74,113	206,444	547,068
2004	117,591	20,460	21,556	112,001	82,810	205,544	559,962
2005	105,059	19,852	19,456	114,973	77,257	193,687	530,284
2006	110,708	22,036	22,363	116,427	81,840	207,353	560,727

MTABT Toll Increases 1/72, 9/75, 5/80, 4/82, 1/84, 1/86, 2/87, 7/89, 1/93, 3/96, 5/03, & 3/05.



# Hourly Vehicular Volumes

## Metropolitan Transportation Authority Bridges & Tunnels

### 2006

	<i>Brooklyn-Battery Tunnel</i>		<i>Henry Hudson Bridge</i>		<i>Queens-Midtown Tunnel</i>		<i>Triborough Bridge (Mahattan Plaza)</i>		<i>Totals</i>	
	<i>N/B</i>	<i>S/B</i>	<i>S/B</i>	<i>N/B</i>	<i>W/B</i>	<i>E/B</i>	<i>W/B</i>	<i>E/B</i>	<i>Entering Manhattan</i>	<i>Leaving Manhattan</i>
12-1am	158	599	195	450	583	1,235	674	608	1,610	2,892
1-2am	77	246	89	203	218	564	250	310	634	1,323
2-3am	47	129	53	110	126	330	134	177	360	746
3-4am	50	94	54	73	148	237	131	184	383	588
4-5am	135	87	125	85	295	379	278	426	833	977
5-6am	714	134	560	137	996	710	909	1,055	3,179	2,036
6-7am	2,489	365	2,459	598	2,557	1,232	2,954	1,883	10,459	4,078
7-8am	3,356	628	3,860	1,444	3,843	1,409	4,487	2,378	15,546 **	5,859
8-9am	3,359	788	3,559	1,800	4,164	1,268	4,074	2,483	15,156	6,339
9-10am	2,846	824	2,933	1,203	3,891	1,335	3,702	2,296	13,372	5,658
10-11am	1,832	809	2,255	1,064	2,916	1,533	3,206	1,965	10,209	5,371
11-12am	1,574	886	1,941	1,093	2,795	1,684	2,710	2,056	9,020	5,719
12-1pm	1,481	1,068	1,787	1,241	2,290	1,985	2,383	2,312	7,941	6,606
1-2pm	1,469	1,141	1,653	1,332	2,286	2,273	2,649	2,508	8,057	7,254
2-3pm	1,590	1,460	1,746	1,750	2,487	2,779	2,834	3,031	8,657	9,020
3-4pm	1,637	1,978	2,338	2,320	2,544	2,992 **	3,112	3,417	9,631	10,707
4-5pm	1,708	2,426	2,623	2,651	2,766	2,925	3,127	3,449 **	10,224	11,451
5-6pm	1,834	2,507 **	2,987	3,046 **	2,911	2,961	3,190	3,097	10,922	11,611 **
6-7pm	1,478	2,324	2,779	2,776	2,812	2,870	3,013	2,920	10,082	10,890
7-8pm	1,227	2,017	1,895	2,684	2,224	2,493	2,812	2,519	8,158	9,713
8-9pm	836	1,697	1,096	2,068	1,774	2,328	2,126	2,086	5,832	8,179
9-10pm	680	1,552	847	1,858	1,454	2,322	1,669	1,817	4,650	7,549
10-11pm	541	1,392	614	1,915	1,325	2,219	1,540	1,604	4,020	7,130
11-12pm	317	850	338	1,074	898	1,606	1,034	1,003	2,587	4,533
Totals	31,435	26,001	38,786	32,975	48,303	41,669	52,998	45,584	171,522	146,229
7-10am	9,561	2,240	10,352	4,447	11,898	4,012	12,263	7,157	44,074	17,856
10am-1pm	4,887	2,763	5,983	3,398	8,001	5,202	8,299	6,333	27,170	17,696
1-4pm	4,696	4,579	5,737	5,402	7,317	8,044	8,595	8,956	26,345	26,981
4-7pm	5,020	7,257	8,389	8,473	8,489	8,756	9,330	9,466	31,228	33,952
7am-7pm	24,164	16,839	30,461	21,720	35,705	26,014	38,487	31,912	128,817	96,485

\*\* Peak Volumes

# Hourly Vehicular Volumes

## Metropolitan Transportation Authority Bridges & Tunnels

### 2006

	<b>Bronx-Whitestone Bridge</b>		<b>Cross Bay Bridge</b>		<b>Marine Parkway Bridge</b>		<b>Throgs Neck Bridge</b>		<b>Triborough Bridge (Bronx Plaza)</b>		<b>Verrazano-Narrows Bridge</b>	
	N/B	S/B	N/B	S/B	N/B	S/B	N/B	S/B	N/B	S/B	E/B	W/B
12-1am	907	783	85	157	64	137	583	706	651	517	2,805	1,842
1-2am	482	452	44	89	27	66	395	476	382	358	1,454	993
2-3am	327	368	48	52	22	38	301	359	248	273	791	655
3-4am	311	430	58	33	26	29	351	374	258	347	639	489
4-5am	536	798	134	51	59	30	721	572	452	581	652	623
5-6am	1,384	1,803	417	129	284	93	1,811	1,247	959	1,298	1,050	1,210
6-7am	3,142	3,173	967	356	788	308	4,315	2,642	2,072	2,699	3,610	2,947
7-8am	4,393	3,206	1,315	580	1,578	418	4,941	3,376	3,044	2,566	8,868	4,256
8-9am	4,358	3,286	1,039	486	1,139	472	4,745	3,404	2,771	2,449	10,319	4,762
9-10am	3,139	2,798	597	472	790	381	4,117	3,091	2,412	2,378	8,405	4,428
10-11am	2,539	2,334	519	425	573	395	3,500	2,622	2,096	2,104	6,445	3,964
11-12am	2,133	2,493	555	419	543	436	2,753	2,695	1,833	2,001	5,139	4,070
12-1pm	2,078	2,483	552	432	508	484	2,522	2,640	1,884	2,067	4,540	4,090
1-2pm	2,275	2,620	567	508	519	547	2,656	2,905	1,900	2,169	4,316	4,622
2-3pm	2,566	3,130	718	628	567	709	2,850	3,701	2,103	2,245	4,547	5,992
3-4pm	2,968	4,075	789	800	697	1,005	2,984	4,462	2,667	2,776 **	5,051	7,548
4-5pm	3,049	4,369 **	669	832	697	972	3,072	4,314	2,589	2,648	6,042	8,174 **
5-6pm	3,167	4,315	595	897 **	690	1,137 **	2,973	4,557 **	2,554	2,521	6,444	8,005
6-7pm	2,756	3,912	522	874	588	1,005	2,906	4,324	2,397	2,181	6,442	7,596
7-8pm	2,867	3,732	414	693	413	760	2,838	3,710	2,312	2,014	5,687	6,393
8-9pm	2,236	2,508	282	564	255	612	2,068	2,611	1,814	1,560	4,623	5,913
9-10pm	1,995	1,927	240	454	186	454	1,644	1,953	1,439	1,233	3,750	4,226
10-11pm	1,818	1,779	205	382	167	359	1,290	1,468	1,251	1,118	3,449	3,548
11-12pm	1,266	1,242	159	233	120	216	901	981	871	778	3,379	2,560
Totals	52,692	58,016	11,490	10,546	11,300	11,063	57,237	59,190	40,959	40,881	108,447	98,906
7-10am	11,890	9,290	2,951	1,538	3,507	1,271	13,803	9,871	8,227	7,393	27,592	13,446
10am-1pm	6,750	7,310	1,626	1,276	1,624	1,315	8,775	7,957	5,813	6,172	16,124	12,124
1-4pm	7,809	9,825	2,074	1,936	1,783	2,261	8,490	11,068	6,670	7,190	13,914	18,162
4-7pm	8,972	12,596	1,786	2,603	1,975	3,114	8,951	13,195	7,540	7,350	18,928	23,775
7am-7pm	35,421	39,021	8,437	7,353	8,889	7,961	40,019	42,091	28,250	28,105	76,558	67,507

\*\* Peak Volumes

# **Hourly Vehicular Volumes Brooklyn Battery Tunnel - 2006**

FHWA Classes ►	Northbound to Manhattan						Southbound to Brooklyn						2-Way Grand Totals
	Commuter Vans Commercial Vans						Commuter Vans Commercial Vans						
	Autos & Motorcycles	Pickups Large SUVs	Buses	Single Unit Trucks	Tractor Trailers	Total Vehicles	Autos & Motorcycles	Pickups Large SUVs	Buses	Single Unit Trucks	Tractor Trailers	Total Vehicles	
	1 & 2	3	4	5 - 7	8 - 13		1 & 2	3	4	5 - 7	8 - 13		
12-1am	135	5	9	9	0	158	545	12	36	6	0	599	757
1-2am	68	3	5	1	0	77	235	0	10	1	0	246	323
2-3am	42	0	3	2	0	47	122	2	3	2	0	129	176
3-4am	42	1	5	2	0	50	92	0	0	2	0	94	144
4-5am	87	5	33	10	0	135	80	0	5	2	0	87	222
5-6am	643	7	57	7	0	714	120	1	9	4	0	134	848
6-7am	2,223	15	223	28	0	2,489	272	6	76	11	0	365	2,854
7-8am	2,946	18	347	45	0	3,356	452	7	152	17	0	628	3,984
8-9am	2,936	17	366	40	0	3,359 **	576	6	187	19	0	788	4,147
9-10am	2,598	21	185	42	0	2,846	632	8	161	23	0	824	3,670
10-11am	1,667	22	93	49	1	1,832	707	9	76	17	0	809	2,641
11-12am	1,458	14	65	36	1	1,574	800	8	60	18	0	886	2,460
12-1pm	1,362	15	72	31	1	1,481	983	12	54	19	0	1,068	2,549
1-2pm	1,328	13	90	38	0	1,469	1,029	12	74	26	0	1,141	2,610
2-3pm	1,428	12	121	28	1	1,590	1,335	15	84	26	0	1,460	3,050
3-4pm	1,462	6	155	14	0	1,637	1,804	13	137	24	0	1,978	3,615
4-5pm	1,487	6	201	12	2	1,708	2,199	7	199	21	0	2,426	4,134
5-6pm	1,634	4	184	8	4	1,834	2,230	6	256	14	1	2,507 **	4,341 **
6-7pm	1,373	4	92	8	1	1,478	2,134	6	172	11	1	2,324	3,802
7-8pm	1,166	1	56	4	0	1,227	1,901	5	103	8	0	2,017	3,244
8-9pm	794	5	31	6	0	836	1,585	8	95	9	0	1,697	2,533
9-10pm	646	1	30	3	0	680	1,466	5	65	16	0	1,552	2,232
10-11pm	513	1	24	3	0	541	1,337	6	38	11	0	1,392	1,933
11-12pm	281	0	26	10	0	317	803	6	33	8	0	850	1,167
Totals	28,319	196	2,473	436	11	31,435	23,439	160	2,085	315	2	26,001	57,436
7-10am	8,480	56	898	127	0	9,561	1,660	21	500	59	0	2,240	11,801
10am-1pm	4,487	51	230	116	3	4,887	2,490	29	190	54	0	2,763	7,650
1-4pm	4,218	31	366	80	1	4,696	4,168	40	295	76	0	4,579	9,275
4-7pm	4,494	14	477	28	7	5,020	6,563	19	627	46	2	7,257	12,277
7am-7pm	21,679	152	1,971	351	11	24,164	14,881	109	1,612	235	2	16,839	41,003

Based on May 2006 Classification Survey Data

\*\* Peak Volumes

# **Hourly Vehicular Volumes Queens-Midtown Tunnel - 2006**

FHWA Classes ►	Westbound to Manhattan						Eastbound to Queens						2-Way Grand Totals	
	Commuter Vans		Commercial Vans		Single Unit Trucks	Tractor Trailers	Commuter Vans		Commercial Vans		Single Unit Trucks	Tractor Trailers		Total Vehicles
	Autos & Motorcycles	Pickups Large SUVs	Buses	Autos & Motorcycles			Pickups Large SUVs	Buses						
	1 & 2	3	4	5 - 7	8 - 13	1 & 2	3	4	5 - 7	8 - 13				
12-1am	564	2	4	13	0	583	1,192	11	1	31	0	1,235	1,818	
1-2am	207	2	1	8	0	218	538	5	0	21	0	564	782	
2-3am	117	1	1	7	0	126	309	7	0	14	0	330	456	
3-4am	134	1	3	10	0	148	212	11	0	14	0	237	385	
4-5am	238	5	16	36	0	295	313	26	3	36	1	379	674	
5-6am	869	10	49	68	0	996	633	18	11	48	0	710	1,706	
6-7am	2,185	90	161	121	0	2,557	1,116	34	48	34	0	1,232	3,789	
7-8am	3,313	136	242	151	1	3,843	1,252	54	67	36	0	1,409	5,252	
8-9am	3,743	118	147	156	0	4,164	1,108	41	76	43	0	1,268	5,432	
9-10am	3,507	99	175	106	4	3,891	1,170	51	68	46	0	1,335	5,226	
10-11am	2,647	81	98	88	2	2,916	1,329	62	74	68	0	1,533	4,449	
11-12am	2,592	69	66	68	0	2,795	1,496	57	72	59	0	1,684	4,479	
12-1pm	2,125	35	52	78	0	2,290	1,777	64	55	89	0	1,985	4,275	
1-2pm	2,085	65	68	68	0	2,286	2,019	103	58	93	0	2,273	4,559	
2-3pm	2,257	60	114	56	0	2,487	2,577	79	48	75	0	2,779	5,266	
3-4pm	2,263	52	165	64	0	2,544	2,767	67	69	89	0	2,992	5,536	
4-5pm	2,528	34	169	35	0	2,766	2,698	80	68	79	0	2,925	5,691	
5-6pm	2,734	19	134	24	0	2,911	2,793	47	76	45	0	2,961	5,872	
6-7pm	2,688	19	79	26	0	2,812	2,727	35	65	43	0	2,870	5,682	
7-8pm	2,143	14	51	16	0	2,224	2,379	24	67	23	0	2,493	4,717	
8-9pm	1,687	23	31	33	0	1,774	2,213	27	43	45	0	2,328	4,102	
9-10pm	1,398	13	17	26	0	1,454	2,227	24	24	46	1	2,322	3,776	
10-11pm	1,269	9	14	33	0	1,325	2,140	23	12	44	0	2,219	3,544	
11-12pm	872	7	4	15	0	898	1,563	5	5	33	0	1,606	2,504	
Totals	44,165	964	1,861	1,306	7	48,303	38,548	955	1,010	1,154	2	41,669	89,972	
7-10am	10,563	353	564	413	5	11,898	3,530	146	211	125	0	4,012	15,910	
10am-1pm	7,364	185	216	234	2	8,001	4,602	183	201	216	0	5,202	13,203	
1-4pm	6,605	177	347	188	0	7,317	7,363	249	175	257	0	8,044	15,361	
4-7pm	7,950	72	382	85	0	8,489	8,218	162	209	167	0	8,756	17,245	
7am-7pm	32,482	787	1,509	920	7	35,705	23,713	740	796	765	0	26,014	61,719	

Based on May 2006 Classification Survey Data.

\*\* Peak Volumes

***PANYNJ***  
***Facilities***

**PANYNJ Manhattan - New Jersey Facilities**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<i>Year</i>	<i>George Washington Bridge</i>	<i>Holland Tunnel</i>	<i>Lincoln Tunnel</i>	<i>Totals</i>
1948	42,306	42,623	30,856	115,785
1949	49,261	45,167	35,515	129,943
1950	54,437	49,660	42,556	146,653
1951	64,516	53,792	47,842	166,150
1952	76,446	51,317	53,490	181,253
1953	84,398	53,270	56,909	194,577
1954	90,306	54,560	57,528	202,394
1955	98,013	55,445	58,468	211,926
1956	97,059	56,961	59,068	213,088
1957	98,110	56,801	63,712	218,623
1958	97,435	55,881	68,178	221,494
1959	105,334	57,926	73,761	237,021
1960	106,245	57,678	75,697	239,620
1961	104,107	56,277	76,449	236,833
1962	111,090	58,518	81,038	250,646
1963	127,452	58,814	79,337	265,603
1964	143,193	59,702	82,929	285,824
1965	155,967	55,060	82,312	293,339
1966	167,304	55,559	81,118	303,981
1967	173,093	54,181	80,879	308,153
1968	182,934	53,962	83,396	320,292
1969	189,817	54,438	84,868	329,123
1970	194,910	58,574	94,354	347,838
1971	210,749	57,968	93,346	362,063
1972	221,172	61,485	95,963	378,620
1973	232,686	64,731	99,786	397,203
1974	211,955	64,765	99,827	376,547
1975	215,927	62,381	96,399	374,707
1976	215,136	64,663	101,451	381,250
1977	222,897	63,015	99,101	385,013
1978	229,666	66,405	103,441	399,512
1979	232,739	61,403	99,582	393,724
1980	235,615	64,417	104,702	404,734
1981	250,804	68,750	107,827	427,381
1982	249,294	73,997	110,453	433,744
1983	254,728	76,226	110,210	441,164
1984	258,723	71,819	123,233	453,775
1985	275,934	76,121	116,397	468,452
1986	286,398	77,300	122,053	485,751
1987	288,642	73,655	124,342	486,639
1988	284,984	84,626	120,569	490,179
1989	281,812	84,429	121,452	487,693
1990	272,556	87,976	121,711	482,243
1991	262,491	87,502	117,508	467,501
1992	268,007	90,206	118,659	476,872
1993	260,732	92,685	119,652	473,069
1994	259,863	94,637	119,299	473,799
1995	266,029	96,310	119,759	482,098
1996	275,469	96,798	120,927	493,194
1997	282,293	100,986	121,509	504,788
1998	297,188	100,872	124,452	522,512
1999	317,640	103,020	128,692	549,352
2000	317,618	101,137	129,710	548,465
2001	309,310	43,377	106,257	458,944
2002	310,771	92,557	129,511	532,839
2003	319,029	101,097	127,323	547,449
2004	315,066	96,171	125,159	536,396
2005	304,302	96,960	126,455	527,717
2006	312,078	98,425	127,245	537,748

PANYNJ one-way tolls initiated 8/12/1970.

PANYNJ toll increases May 1975, January 1984, April, 1987, April 1991, March 2001.

**Note: Due to traffic restrictions arising from the events of 9/11/2001, Holland Tunnel daily volume in fall 2001 fell 57% below the fall 2000 level and Lincoln Tunnel volume was 18% below the 2000 level**

**PANYNJ Staten Island - New Jersey Bridges**  
**Average Daily Traffic Volumes**  
**1948 - 2006**

<b>Year</b>	<b>Bayonne Bridge</b>	<b>Goethals Bridge</b>	<b>Outerbridge Crossing</b>	<b>Totals</b>
1948	5,241	4,283	3,690	13,214
1949	5,754	4,641	4,233	14,628
1950	6,360	5,215	4,856	16,431
1951	6,314	6,028	5,993	18,335
1952	7,035	6,865	5,243	19,143
1953	7,385	7,938	5,275	20,598
1954	7,452	8,323	5,779	21,554
1955	7,546	9,043	6,096	22,685
1956	7,136	9,335	5,731	22,202
1957	6,899	9,553	6,162	22,614
1958	6,711	9,703	5,539	21,953
1959	6,780	10,441	5,757	22,978
1960	6,519	10,331	6,006	22,856
1961	6,986	12,028	6,360	25,374
1962	7,532	11,973	6,833	26,338
1963	7,806	12,478	7,114	27,398
1964	8,012	14,182	7,786	29,980
1965	8,333	27,239	9,256	44,828
1966	9,349	32,007	9,622	50,978
1967	9,897	34,870	9,284	54,051
1968	10,349	38,564	9,741	58,654
1969	10,807	41,838	10,408	63,053
1970	11,034	47,949	9,937	68,920
1971	11,304	52,862	10,592	74,758
1972	11,704	54,574	10,740	77,018
1973	12,458	56,850	11,726	81,034
1974	12,418	53,964	14,162	80,544
1975	11,860	53,206	15,994	81,060
1976	11,418	51,554	17,892	80,864
1977	11,704	45,816	28,016	85,536
1978	11,508	44,748	32,742	88,998
1979	11,926	44,910	35,328	92,164
1980	12,984	46,352	38,438	97,774
1981	13,166	46,962	41,516	101,644
1982	13,622	48,310	44,740	106,672
1983	13,924	51,350	48,512	113,786
1984	14,058	53,962	50,908	118,928
1985	14,490	57,708	54,268	126,466
1986	15,906	64,634	57,896	138,436
1987	14,890	65,452	59,392	139,734
1988	14,676	66,136	62,250	143,062
1989	13,838	63,367	62,846	140,051
1990	12,246	63,549	62,545	138,340
1991	12,408	63,547	65,499	141,454
1992	13,342	64,469	67,569	145,380
1993	13,979	60,424	66,372	140,775
1994	14,212	62,464	67,199	143,875
1995	14,536	63,040	66,081	143,657
1996	14,389	63,601	68,575	146,565
1997	15,903	65,207	70,468	151,578
1998	16,846	67,076	72,864	156,786
1999	17,603	70,863	78,424	166,890
2000	18,493	72,791	73,384	164,668
2001	23,631	78,196	75,424	177,251
2002	21,327	81,384	76,429	179,140
2003	20,208	75,724	78,650	174,582
2004	22,510	71,532	80,226	174,268
2005	21,755	68,790	81,108	171,653
2006	24,230	65,378	86,306	175,914

PANYNJ one-way tolls initiated 8/12/1970.

PANYNJ toll increases May 1975, January 1984, April, 1987, April 1991, March 2001.

# Hourly Vehicular Volumes

## Port Authority of New York & New Jersey

### 2006

	<b>George Washington Bridge</b>		<b>Holland Tunnel</b>		<b>Lincoln Tunnel</b>		<b>Totals</b>	
	<i>E/B</i>	<i>W/B</i>	<i>E/B</i>	<i>W/B</i>	<i>E/B</i>	<i>W/B</i>	<b>Entering Manhattan</b>	<b>Leaving Manhattan</b>
12-1am	2,003	3,264	850	1,046	1,000	2,046	3,853	6,356
1-2am	1,379	1,898	531	922	635	1,332	2,545	4,152
2-3am	1,190	1,518	375	654	478	716	2,043	2,888
3-4am	1,331	1,307	360	571	522	555	2,213	2,433
4-5am	2,228	1,627	566	795	946	650	3,740	3,072
5-6am	5,957	2,758	1,926	1,417	2,760	946	10,643	5,121
6-7am	11,167 **	6,069	3,243 **	2,327	5,228 **	1,598	19,638 **	9,994
7-8am	10,358	8,077	2,943	2,728	4,828	2,350	18,129	13,155
8-9am	9,359	8,516	3,041	2,687	4,412	2,253	16,812	13,456
9-10am	8,945	7,451	2,878	2,312	4,377	2,275	16,200	12,038
10-11am	7,980	6,451	2,590	2,133	3,927	2,190	14,497	10,774
11-12am	7,259	6,464	2,128	1,996	3,323	2,322	12,710	10,782
12-1pm	6,769	6,744	1,971	2,150	2,979	2,685	11,719	11,579
1-2pm	6,801	7,360	2,008	2,435	2,827	3,264	11,636	13,059
2-3pm	7,325	8,698	2,139	2,732	2,870	3,594	12,334	15,024
3-4pm	8,157	10,551	2,448	2,799	2,890	3,902	13,495	17,252
4-5pm	9,034	11,440	2,668	2,825 **	2,570	4,845	14,272	19,110
5-6pm	9,354	11,757 **	2,956	2,747	2,045	4,926	14,355	19,430 **
6-7pm	9,281	10,947	2,871	2,666	2,391	4,990 **	14,543	18,603
7-8pm	7,548	10,289	2,583	2,790	2,579	4,371	12,710	17,450
8-9pm	5,760	8,667	2,019	2,719	2,240	3,906	10,019	15,292
9-10pm	5,059	7,072	1,861	2,569	2,144	3,614	9,064	13,255
10-11pm	4,256	6,152	1,837	2,345	2,076	3,361	8,169	11,858
11-12pm	3,139	5,362	1,369	1,899	1,765	2,742	6,273	10,003
Totals	151,639	160,439	48,161	50,264	61,812	65,433	261,612	276,136
7-10am	28,662	24,044	8,862	7,727	13,617	6,878	51,141	38,649
10am-1pm	22,008	19,659	6,689	6,279	10,229	7,197	38,926	33,135
1-4pm	22,283	26,609	6,595	7,966	8,587	10,760	37,465	45,335
4-7pm	27,669	34,144	8,495	8,238	7,006	14,761	43,170	57,143
7am-7pm	100,622	104,456	30,641	30,210	39,439	39,596	170,702	174,262

\*\* Peak Volumes



# Hourly Vehicular Volumes

## Port Authority of New York & New Jersey

### 2006

	<b>Bayonne Bridge</b>		<b>Goethals Bridge</b>		<b>Outerbridge Crossing</b>		<b>Totals</b>	
	<b>S/B</b>	<b>N/B</b>	<b>E/B</b>	<b>W/B</b>	<b>E/B</b>	<b>W/B</b>	<b>To Staten Island</b>	<b>To New Jersey</b>
12-1am	314	194	167	150	711	714	1,192	1,058
1-2am	209	117	94	108	458	436	761	661
2-3am	166	106	64	65	404	325	634	496
3-4am	141	133	59	75	440	331	640	539
4-5am	183	198	83	104	826	459	1,092	761
5-6am	292	275	946	739	1,957	640	3,195	1,654
6-7am	415	838	1,822	1,752	2,857	1,576	5,094	4,166
7-8am	523	1,433 **	1,708	2,732	2,680	2,619	4,911	6,784
8-9am	515	1,379	1,750	2,797 **	2,379	2,896	4,644	7,072 **
9-10am	445	806	1,853	1,941	2,269	2,377	4,567	5,124
10-11am	424	482	1,763	1,744	1,886	2,107	4,073	4,333
11-12am	440	386	1,776	1,608	1,780	2,075	3,996	4,069
12-1pm	459	399	1,765	1,508	1,862	1,934	4,086	3,841
1-2pm	556	384	1,981	1,552	2,026	1,976	4,563	3,912
2-3pm	695	415	2,263	1,704	2,175	2,319	5,133	4,438
3-4pm	902	438	2,463	2,033	2,388	2,779	5,753	5,250
4-5pm	1,098	468	2,701	2,298	2,722	2,941 **	6,521	5,707
5-6pm	1,441 **	476	2,877 **	1,997	3,001 **	2,863	7,319 **	5,336
6-7pm	1,221	413	2,757	1,755	2,643	2,675	6,621	4,843
7-8pm	773	320	2,251	1,442	2,194	2,211	5,218	3,973
8-9pm	504	284	1,642	1,315	1,779	1,854	3,925	3,453
9-10pm	489	294	1,021	645	1,636	1,688	3,146	2,627
10-11pm	591	392	295	560	1,542	1,596	2,428	2,548
11-12pm	494	310	226	427	1,108	1,192	1,828	1,929
Totals	13,290	10,940	34,327	31,051	43,723	42,583	91,340	84,574
7-10am	1,483	3,618	5,311	7,470	7,328	7,892	14,122	18,980
10am-1pm	1,323	1,267	5,304	4,860	5,528	6,116	12,155	12,243
1-4pm	2,153	1,237	6,707	5,289	6,589	7,074	15,449	13,600
4-7pm	3,760	1,357	8,335	6,050	8,366	8,479	20,461	15,886
7am-7pm	8,719	7,479	25,657	23,669	27,811	29,561	62,187	60,709

\*\* Peak Volumes

# **Hourly Vehicular Volumes** **George Washington Bridge - 2006**

	<i>Eastbound to Manhattan</i>					<i>Westbound to New Jersey</i>					<b>2-Way Grand Totals</b>
	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	
12-1am	1,586	20	60	337	2,003	2,907	13	61	283	3,264	5,267
1-2am	925	17	67	370	1,379					1,898	3,277
2-3am	680	8	80	422	1,190					1,518	2,708
3-4am	689	12	108	522	1,331					1,307	2,638
4-5am	1,328	14	178	708	2,228					1,627	3,855
5-6am	4,695	35	354	873	5,957	2,080	18	147	513	2,758	8,715
6-7am	10,065	80	441	581	11,167 **	5,122	42	304	601	6,069	17,236
7-8am	9,460	121	370	407	10,358	7,353	55	238	431	8,077	18,435
8-9am	8,404	121	407	427	9,359	7,664	92	273	487	8,516	17,875
9-10am	7,949	102	427	467	8,945	6,490	91	284	586	7,451	16,396
10-11am	6,984	87	395	514	7,980	5,342	67	280	762	6,451	14,431
11-12am	6,309	76	359	515	7,259	5,438	55	268	703	6,464	13,723
12-1pm	5,925	70	319	455	6,769	5,521	53	411	759	6,744	13,513
1-2pm	6,004	75	319	403	6,801	6,342	57	258	703	7,360	14,161
2-3pm	6,556	89	320	360	7,325	7,778	50	309	561	8,698	16,023
3-4pm	7,448	110	290	309	8,157	9,636	54	367	494	10,551	18,708
4-5pm	8,377	142	245	270	9,034	10,538	44	349	509	11,440	20,474
5-6pm	8,833	116	183	222	9,354	10,994	62	312	389	11,757 **	21,111 **
6-7pm	8,795	107	155	224	9,281	10,241	66	253	387	10,947	20,228
7-8pm	7,059	99	122	268	7,548	9,700	50	173	366	10,289	17,837
8-9pm	5,296	74	99	291	5,760	8,111	49	123	384	8,667	14,427
9-10pm	4,608	55	95	301	5,059	6,604	33	84	351	7,072	12,131
10-11pm	3,848	41	74	293	4,256	5,662	35	56	399	6,152	10,408
11-12pm	2,764	30	63	282	3,139	4,924	23	57	358	5,362	8,501
Totals	134,587	1,701	5,530	9,821	151,639					160,439	312,078
7-10am	25,813	344	1,204	1,301	28,662	21,507	238	795	1,504	24,044	52,706
10am-1pm	19,218	233	1,073	1,484	22,008	16,301	175	959	2,224	19,659	41,667
1-4pm	20,008	274	929	1,072	22,283	23,756	161	934	1,758	26,609	48,892
4-7pm	26,005	365	583	716	27,669	31,773	172	914	1,285	34,144	61,813
7am-7pm	91,044	1,216	3,789	4,573	100,622	93,337	746	3,602	6,771	104,456	205,078

Classification based on October 2006 Data (eastbound) & November 2005 Data (westbound).

\*\* Peak Volumes

# Hourly Vehicular Volumes Holland Tunnel - 2006

FHWA Classes ►	Eastbound to Manhattan						Westbound to New Jersey						2-Way Grand Totals
	Commuter Vans			Single Unit Trucks	Tractor Trailers	Total Vehicles	Commuter Vans			Single Unit Trucks	Tractor Trailers	Total Vehicles	
	Commercial Vans		Commercial Vans										
	Autos & Motorcycles	Pickups Large SUVs	Buses				Autos & Motorcycles	Pickups Large SUVs	Buses				
	1 & 2	3	4	5 - 7	8 - 13		1 & 2	3	4	5 - 7	8 - 13		
12-1am	824	13	1	12	0	850	1,037	4	0	5	0	1,046	1,896
1-2am	511	8	1	11	0	531	908	6	2	6	0	922	1,453
2-3am	354	7	1	13	0	375	632	10	1	11	0	654	1,029
3-4am	334	8	1	17	0	360	526	17	4	24	0	571	931
4-5am	539	6	2	19	0	566	712	26	8	48	1	795	1,361
5-6am	1,758	51	32	85	0	1,926	1,334	54	13	16	0	1,417	3,343
6-7am	2,970	97	43	133	0	3,243	2,179	99	38	11	0	2,327	5,570
7-8am	2,753	66	32	92	0	2,943	2,560	106	50	12	0	2,728	5,671
8-9am	2,863	69	29	80	0	3,041	2,552	77	49	9	0	2,687	5,728
9-10am	2,706	73	22	77	0	2,878	2,218	61	27	6	0	2,312	5,190
10-11am	2,453	59	18	60	0	2,590	2,051	44	30	8	0	2,133	4,723
11-12am	2,010	50	12	56	0	2,128	1,929	41	20	6	0	1,996	4,124
12-1pm	1,858	40	13	60	0	1,971	2,091	40	5	14	0	2,150	4,121
1-2pm	1,912	39	16	41	0	2,008	2,353	55	14	13	0	2,435	4,443
2-3pm	2,021	53	20	45	0	2,139	2,647	61	6	18	0	2,732	4,871
3-4pm	2,304	63	21	60	0	2,448	2,727	39	14	19	0	2,799	5,247
4-5pm	2,519	51	37	60	1	2,668	2,745	32	28	20	0	2,825	5,493
5-6pm	2,784	54	50	67	1	2,956	2,643	48	32	24	0	2,747	5,703
6-7pm	2,712	47	50	62	0	2,871	2,576	48	22	20	0	2,666	5,537
7-8pm	2,451	40	30	62	0	2,583	2,721	33	19	17	0	2,790	5,373
8-9pm	1,934	29	15	41	0	2,019	2,671	35	7	6	0	2,719	4,738
9-10pm	1,788	27	13	33	0	1,861	2,517	38	5	7	2	2,569	4,430
10-11pm	1,780	22	6	29	0	1,837	2,287	50	4	3	1	2,345	4,182
11-12pm	1,327	16	4	22	0	1,369	1,849	45	2	3	0	1,899	3,268
Totals	45,465	988	469	1,237	2	48,161	48,465	1,069	400	326	4	50,264	98,425
7-10am	8,322	208	83	249	0	8,862	7,330	244	126	27	0	7,727	16,589
10am-1pm	6,321	149	43	176	0	6,689	6,071	125	55	28	0	6,279	12,968
1-4pm	6,237	155	57	146	0	6,595	7,727	155	34	50	0	7,966	14,561
4-7pm	8,015	152	137	189	2	8,495	7,964	128	82	64	0	8,238	16,733
7am-7pm	28,895	664	320	760	2	30,641	29,092	652	297	169	0	30,210	60,851

Based on April 2006 Classification Survey Data.

\*\* Peak Volumes

# Hourly Vehicular Volumes Lincoln Tunnel - 2006

PANYNJ Classes ►	Eastbound to Manhattan						Westbound to New Jersey					2-Way Grand Totals
	Single Rear Wheels Autos, Vans, Pickups, Motorcycles, Rec. Vehs.	All Buses & Minibuses	2 Axles Dual Rear Wheels	3 & 4 Axles Single Units & Trailers	5 or more Axles	Total Vehicles	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	
	1, 7, & 11	8 & 9	2	3 & 4	5 & 6							
12-1am	852	61	25	46	16	1,000	1,879	77	51	39	2,046	3,046
1-2am	522	30	23	43	17	635					1,332	1,967
2-3am	377	11	23	48	19	478					716	1,194
3-4am	366	14	62	56	24	522					555	1,077
4-5am	641	25	140	95	45	946					650	1,596
5-6am	2,097	136	321	131	75	2,760	786	36	49	75	946	3,706
6-7am	4,243	429	380	125	51	5,228	1,230	218	87	63	1,598	6,826
7-8am	3,608	805	342	53	20	4,828	1,613	548	116	73	2,350	7,178
8-9am	3,175	879	305	42	11	4,412	1,371	711	101	70	2,253	6,665
9-10am	3,390	587	321	59	20	4,377	1,461	603	166	45	2,275	6,652
10-11am	3,307	292	251	58	19	3,927	1,630	287	188	85	2,190	6,117
11-12am	2,854	209	182	58	20	3,323	1,833	194	213	82	2,322	5,645
12-1pm	2,533	195	174	57	20	2,979	2,178	190	241	76	2,685	5,664
1-2pm	2,380	221	176	37	13	2,827	2,729	179	267	89	3,264	6,091
2-3pm	2,416	262	155	24	13	2,870	3,061	179	292	62	3,594	6,464
3-4pm	2,379	373	109	23	6	2,890	3,388	244	240	30	3,902	6,792
4-5pm	1,944	517	86	19	4	2,570	4,177	410	228	30	4,845	7,415 **
5-6pm	1,578	400	51	14	2	2,045	4,123	610	173	20	4,926	6,971
6-7pm	1,912	408	52	14	5	2,391	4,190	633	151	16	4,990 **	7,381
7-8pm	2,182	322	47	24	4	2,579	3,795	475	81	20	4,371	6,950
8-9pm	1,933	225	32	43	7	2,240	3,541	270	68	27	3,906	6,146
9-10pm	1,886	164	36	50	8	2,144	3,335	210	47	22	3,614	5,758
10-11pm	1,839	138	34	56	9	2,076	3,146	134	44	37	3,361	5,437
11-12pm	1,560	105	42	40	18	1,765	2,536	106	55	45	2,742	4,507
Totals	49,974	6,808	3,369	1,215	446	61,812					65,433	127,245
7-10am	10,173	2,271	968	154	51	13,617	4,445	1,862	383	188	6,878	20,495
10am-1pm	8,694	696	607	173	59	10,229	5,641	671	642	243	7,197	17,426
1-4pm	7,175	856	440	84	32	8,587	9,178	602	799	181	10,760	19,347
4-7pm	5,434	1,325	189	47	11	7,006	12,490	1,653	552	66	14,761	21,767
7am-7pm	31,476	5,148	2,204	458	153	39,439	31,754	4,788	2,376	678	39,596	79,035

Based on April 2006 Classification Survey Data (eastbound), and November 2005 classification data (westbound).

\*\* Peak Volumes

# Hourly Vehicular Volumes Bayonne Bridge - 2006

	Southbound to Staten Island					Northbound to New Jersey					2-Way Grand Totals	
	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles		
12-1am	286	2	7	19	314	149	0	27	18	194		508
1-2am	178	2	10	19	209					117		326
2-3am	131	2	11	22	166					106		272
3-4am	99	1	15	26	141					133		274
4-5am	118	2	23	40	183					198		381
5-6am	219	2	24	47	292	254	2	10	9	275		567
6-7am	333	2	32	48	415	811	4	15	8	838		1,253
7-8am	416	10	44	53	523	1,352	5	49	27	1,433	**	1,956 **
8-9am	401	8	50	56	515	1,297	4	44	34	1,379		1,894
9-10am	333	11	49	52	445	728	2	42	34	806		1,251
10-11am	318	8	48	50	424	392	0	53	37	482		906
11-12am	343	4	46	47	440	304	2	35	45	386		826
12-1pm	372	2	38	47	459	301	1	43	54	399		858
1-2pm	468	3	42	43	556	289	0	50	45	384		940
2-3pm	602	5	46	42	695	326	2	58	29	415		1,110
3-4pm	825	3	41	33	902	361	0	38	39	438		1,340
4-5pm	1,029	5	40	24	1,098	396	0	36	36	468		1,566
5-6pm	1,381	7	32	21	1,441	415	3	35	23	476		1,917
6-7pm	1,168	8	28	17	1,221	378	2	26	7	413		1,634
7-8pm	728	7	23	15	773	287	3	14	16	320		1,093
8-9pm	471	4	16	13	504	264	0	14	6	284		788
9-10pm	464	3	8	14	489	285	0	6	3	294		783
10-11pm	558	5	10	18	591	371	1	9	11	392		983
11-12pm	466	4	6	18	494	271	0	15	24	310		804
Totals	11,707	110	689	784	13,290					10,940		24,230
7-10am	1,150	29	143	161	1,483	3,377	11	135	95	3,618	0	5,101
10am-1pm	1,033	14	132	144	1,323	997	3	131	136	1,267	0	2,590
1-4pm	1,895	11	129	118	2,153	976	2	146	113	1,237	0	3,390
4-7pm	3,578	20	100	62	3,760	1,189	5	97	66	1,357	0	5,117
7am-7pm	7,656	74	504	485	8,719	6,539	21	509	410	7,479	0	16,198

Classification based on October 2006 Data (southbound) & November 2005 Data (northbound).

\*\* Peak Volumes

# **Hourly Vehicular Volumes Goethals Bridge - 2006**

	<i><b>Eastbound to Staten Island</b></i>					<i><b>Westbound to New Jersey</b></i>					<b>2-Way Grand Totals</b>
	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	
12-1am	155	2	2	8	167					150	317
1-2am	81	1	3	9	94					108	202
2-3am	49	1	3	11	64					65	129
3-4am	40	1	5	13	59					75	134
4-5am	54	1	7	21	83					104	187
5-6am	705	8	77	156	946	650	7	36	46	739	1,685
6-7am	1,492	16	125	189	1,822	1,591	31	80	50	1,752	3,574
7-8am	1,362	22	135	189	1,708	2,501	53	81	97	2,732	4,440
8-9am	1,371	29	154	196	1,750	2,479	48	114	156	2,797	4,547
9-10am	1,445	41	161	206	1,853	1,638	8	144	151	1,941	3,794
10-11am	1,360	37	167	199	1,763	1,422	5	127	190	1,744	3,507
11-12am	1,395	22	153	206	1,776	1,289	1	138	180	1,608	3,384
12-1pm	1,439	12	134	180	1,765	1,200	3	99	206	1,508	3,273
1-2pm	1,668	11	128	174	1,981	1,208	7	135	202	1,552	3,533
2-3pm	1,947	13	136	167	2,263	1,386	13	137	168	1,704	3,967
3-4pm	2,201	16	119	127	2,463	1,698	6	138	191	2,033	4,496
4-5pm	2,491	28	100	82	2,701	1,998	3	133	164	2,298	4,999
5-6pm	2,703	38	76	60	2,877	1,817	6	91	83	1,997	4,874
6-7pm	2,603	48	56	50	2,757	1,590	4	86	75	1,755	4,512
7-8pm	2,134	30	42	45	2,251	1,346	7	47	42	1,442	3,693
8-9pm	1,565	16	22	39	1,642	1,249	4	28	34	1,315	2,957
9-10pm	984	5	12	20	1,021	607	2	18	18	645	1,666
10-11pm	286	2	3	4	295					560	855
11-12pm	218	2	2	4	226					427	653
Totals	29,748	402	1,822	2,355	34,327					31,051	65,378
7-10am	4,178	92	450	591	5,311	6,618	109	339	404	7,470	12,781
10am-1pm	4,194	71	454	585	5,304	3,911	9	364	576	4,860	10,164
1-4pm	5,816	40	383	468	6,707	4,292	26	410	561	5,289	11,996
4-7pm	7,797	114	232	192	8,335	5,405	13	310	322	6,050	14,385
7am-7pm	21,985	317	1,519	1,836	25,657	20,226	157	1,423	1,863	23,669	49,326

Classification based on October 2006 Data (eastbound) & November 2005 Data (westbound).

\*\* Peak Volumes

# Hourly Vehicular Volumes Outerbridge Crossing - 2006

	<i>Eastbound to Staten Island</i>					<i>Westbound to New Jersey</i>					<b>2-Way Grand Totals</b>
	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	Autos	Buses	Small Trucks	Large Trucks	Total Vehicles	
12-1am	606	5	14	86	711	638	0	14	62	714	1,425
1-2am	345	2	18	93	458					436	894
2-3am	266	4	27	107	404					325	729
3-4am	249	2	37	152	440					331	771
4-5am	551	3	62	210	826					459	1,285
5-6am	1,654	9	96	198	1,957	565	0	31	44	640	2,597
6-7am	2,644	4	99	110	2,857	1,455	2	57	62	1,576	4,433
7-8am	2,505	5	94	76	2,680	2,471	1	68	79	2,619	5,299
8-9am	2,188	6	104	81	2,379	2,717	2	84	93	2,896	5,275
9-10am	2,053	4	106	106	2,269	2,162	28	94	93	2,377	4,646
10-11am	1,693	4	88	101	1,886	1,910	17	82	98	2,107	3,993
11-12am	1,605	5	88	82	1,780	1,829	5	108	133	2,075	3,855
12-1pm	1,706	5	76	75	1,862	1,708	6	99	121	1,934	3,796
1-2pm	1,870	6	81	69	2,026	1,747	4	102	123	1,976	4,002
2-3pm	2,024	4	82	65	2,175	2,138	4	87	90	2,319	4,494
3-4pm	2,243	7	83	55	2,388	2,646	2	81	50	2,779	5,167
4-5pm	2,600	8	74	40	2,722	2,824	2	64	51	2,941	5,663
5-6pm	2,903	6	58	34	3,001	2,769	0	64	30	2,863	5,864
6-7pm	2,545	15	47	36	2,643	2,605	3	41	26	2,675	5,318
7-8pm	2,098	22	31	43	2,194	2,140	2	28	41	2,211	4,405
8-9pm	1,684	16	27	52	1,779	1,775	1	35	43	1,854	3,633
9-10pm	1,548	4	22	62	1,636	1,610	9	26	43	1,688	3,324
10-11pm	1,446	4	22	70	1,542	1,497	6	30	63	1,596	3,138
11-12pm	1,007	7	18	76	1,108	1,119	0	21	52	1,192	2,300
Totals	40,033	157	1,454	2,079	43,723					42,583	86,306
7-10am	6,746	15	304	263	7,328	7,350	31	246	265	7,892	15,220
10am-1pm	5,004	14	252	258	5,528	5,447	28	289	352	6,116	11,644
1-4pm	6,137	17	246	189	6,589	6,531	10	270	263	7,074	13,663
4-7pm	8,048	29	179	110	8,366	8,198	5	169	107	8,479	16,845
7am-7pm	25,935	75	981	820	27,811	27,526	74	974	987	29,561	57,372

Classification based on October 2006 Data (eastbound) & November 2005 Data (westbound).

\*\* Peak Volumes