

# 2000

## NEW YORK CITY BRIDGES AND TUNNELS ANNUAL CONDITION REPORT



New York City  
Department of  
Transportation  
*Iris Weinshall, Commissioner*



New York City  
*Rudolph W. Giuliani, Mayor*

**New York City Department of Transportation  
Division of Bridges**

**2000  
BRIDGES AND TUNNELS  
ANNUAL CONDITION REPORT**



**Manhattan Bridge Arch & Colonnade in 1916.**

**Rudolph W. Giuliani, Mayor**

Iris Weinshall, Commissioner

Anthony J. Fasulo, First Deputy Commissioner

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Dorothy Roses, Executive Director, Management and Support Services

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### **Cover Photograph**

The newly restored Manhattan Bridge Arch and Colonnade, one of only three triumphal arches in the United States.

### **Cover Design**

Joseph Lamberson – Deputy Director, Management & Support Services - Bridges

### **Photo Credits**

Peter Basich: Glossary  
Bodijar Yanev: Franklin Square Truss

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## A Message from the

## Commissioner

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On behalf of the many dedicated professionals who staff the Division of Bridges, it is my pleasure to distribute the 2000 Edition of the New York City Department of Transportation's Annual Bridges and Tunnels Condition Report, as mandated under New York City's Charter. The release of this document provides the Department of Transportation with an opportunity to display the many achievements, innovations and improvements that were realized by the Division of Bridges during the 2000 calendar year.

As a service organization, the Department of Transportation's Division of Bridges continually looks for ways to enhance the quality of life for all New Yorkers and minimize construction disruptions. The diligent application of Incentive/Disincentive clauses to accelerate construction programs, where applicable, is just one example.

Preventive maintenance is one of the keys to preserving the City's multi-billion dollar investment in its bridges. Fashioned from tons of steel and concrete, the bridges must be vigilantly protected from deterioration and neglect. In keeping with the Division of Bridges' pro-active mission, 2000 was a banner year for preventive maintenance. Some 13,200 cubic yards of debris were removed, including 951 fire hazard conditions, while 45,510 square feet of concrete were used to renew sidewalks, curbs, and road decks. Workers cleaned 1,279 bridge drains and, in the winter, sprayed 35,000 gallons of anti-icing chemicals on the East River bridges. In addition, crews eliminated 6,579,000 square feet of graffiti.

In 2000, the Division and its personnel proved, as always, equipped and eager to help the City prepare for major events including the Five Borough Bike Tour, OPSAIL 2000, the Thanksgiving Day Parade, the New York City Marathon, and New Year's Eve in Times Square.

The Division's proud tradition of design and engineering excellence was recognized with the receipt of awards from the New York Association of Consulting Engineers for the Franklin Square Truss under the Brooklyn Bridge, and for the seismic study of the Manhattan Bridge. In addition, the reconstruction of the Williamsburg Bridge/BMT Structure was selected as the 2000 Bridge Project of the Year in the *New York Construction News* Best of 2000 Bridge Award Program.

New York City has a rich history of bridge design, construction, maintenance and administration. The Department of Transportation recognizes the importance of its duties and responsibilities, and the Division of Bridges stands ready – as we begin the new millennium – to continue meeting the challenge of maintaining and rehabilitating this great city's bridge infrastructure.

Sincerely,



Iris Weinshall  
Commissioner

## In Memoriam

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The 2000 edition of the New York City Bridges And Tunnels Annual Condition Report is dedicated to the memory of the following employees, whose wisdom and dedication to their work will be sorely missed.

### **Nirmal Ray, Administrative Engineer**

**February 28, 1999**

Mr. Ray served as the Engineer-in-Charge of the Manhattan Bridge for almost 12 years, first working for NYSDOT, and later for NYCDOT. Among the difficult projects carried out under his supervision were the installation of the anti-torsional torque tubes, and the rehabilitation of the cables in the bridge's anchorage chambers.

### **Robert O'Neill, Supervisor Bridge Repairer and Riveter**

**December 27, 1999**

Mr. O'Neill worked on the Harlem River bridges for 25 years, and for 15 of those years supervised the ironworkers performing structural maintenance and repair. Well before the advent of the Division's major flag repair and capital rehabilitation program, his can-do attitude and ingenuity kept these bridges safe and passable for the public. Mr. O'Neill's legacy is embodied in the workers he trained and in all of the bridge projects on the Harlem River, that continue to reflect his foresight, planning, and expertise.

### **William Lastouski, Associate Staff Analyst**

**February 6, 2000**

Mr. Lastouski was an analyst in the Division for 15 years, serving in various analytical positions in the Bureau of Bridge Maintenance, Inspection and Operations. He prepared analyses of program expenditures, collected critical information for monthly and annual performance indicators, conducted bridge maintenance and repair procedural studies and analyses, and assisted in the development of productivity standards and resource requirements. In addition, Mr. Lastouski was among the originators of the Bridge Maintenance Management System, which is still in use today.

### **Iftekahr Hossain, Project Engineer**

**April 17, 2000**

Mr. Hossain was an Assistant Civil Engineer in the Division from December 1995 until April 17, 2000, when he collapsed at work and died on the job of a massive heart attack. He started his career with the Department as an Inspector by working on the reconstruction of three bridges in Brooklyn. In 1998, he was promoted to Project Engineer, overseeing the reconstruction of the Park Lane South Bridge above the Long Island Rail Road in Queens. The original bridge reconstruction plan was supposed to take 24 months, but Mr. Hossain requested, and received permission, to alter the reconstruction plan so that the bridge could be completed in eight months. In fact, he completed reconstruction of the bridge in 7½ months, for which he was presented with the Department's "Way to Go Award" in March 2000 for his outstanding achievement of completing the bridge reconstruction on an accelerated schedule, without any incidents, and at a savings to the City of hundreds of thousands of dollars. In addition, Mr. Hossain's memory was honored at the 100-Year Association service awards on December 12, 2000. Commissioner Weinshall presented Mrs. Hossain with a Public Service Award in recognition of her husband's outstanding efforts in the completion of the Park Lane South Bridge project.

### **John Johnson, Computer Operations Associate – MIS**

**October 3, 2000**

Mr. Johnson worked for DOT for 22 years. For the last few years, he served as the primary computer technician assigned to the Division offices at 2 Rector Street in Manhattan. His knowledge, and diligence saved our employees from many bugs, crashes, and other automation disasters.



## EXECUTIVE SUMMARY

### Inventory

In calendar year 2000, the inventory of bridges under the jurisdiction of the Division shrank from 764 to 759. This was not the only change to the inventory: the condition ratings of the bridges also changed. In fact, over the past 10 years there has been a somewhat steady decline in the number of Poor rated bridges and a somewhat steady increase in the number of Very Good rated bridges, as shown below.

	1991	1992	1993	1994	1995	1996*	1997	1998	1999	2000
<b>Poor</b>	<b>59</b>	<b>64</b>	<b>72</b>	<b>57</b>	<b>60</b>	<b>48</b>	<b>40</b>	<b>24</b>	<b>16</b>	<b>13</b>
<b>Fair</b>	434	426	420	421	406	524	530	516	507	481
<b>Good</b>	342	334	329	321	342	148	145	154	160	180
<b>Vgood</b>	<b>41</b>	<b>46</b>	<b>57</b>	<b>61</b>	<b>51</b>	<b>59</b>	<b>55</b>	<b>75</b>	<b>81</b>	<b>85</b>
<b>Unrated</b>						68				
	<b>876</b>	<b>870</b>	<b>878</b>	<b>861</b>	<b>859</b>	<b>847</b>	<b>770</b>	<b>769</b>	<b>764</b>	<b>759</b>

\* In 1996, NYCDOT adopted a new rating scale to be used to determine the verbal condition of bridges. The new scale matches the rating scale by New York State DOT. The new scale changed the dividing line between Fair and Good bridges from 4.999 to 4.500. The net effect of this change was that, in 1996, 157 bridges that would have been rated Good were classified as Fair. This accounts for the increase in Fair rated bridges and the decrease in Good rated bridges.

### Contract Acceleration

2000 was also a year that saw contract acceleration result in the early completion of a number of new bridge projects, such as:

In June 2000, the 65-year-old **Bedford Park Boulevard Bridge**, which spans the rail yard between Jerome and Paul Avenues, was reopened five months ahead of the accelerated schedule.

In August 2000, the **Gun Hill Road Bridge** was reopened 2 ½ months ahead of the accelerated schedule.

In September 2000, the **11<sup>th</sup> Avenue Bridge** was reopened some 2 weeks ahead of the already accelerated one-year schedule promised to the community.

### Restorations

In 2000, the Division continued several restoration projects, such as:

The Division coordinated the rehabilitation of the Bridgemarket with the Queensboro Bridge contractor. The *Guastavino Arch* tile work and glass installation were completed in January 2000.

In May, the ironworkers began installing a replica of a historic *promenade railing* on the Brooklyn-side walkway of the Brooklyn Bridge. The replacement of the deteriorated sections of promenade railing with identical replicas of the existing steel will continue through the fall of 2001.

As part of the reconstruction of the Macombs Dam Bridge, the historic *Hooper Fountain*, which dates from 1894, was fully rehabilitated in Fall 2000.

## EXECUTIVE SUMMARY

The restoration of the *Manhattan Bridge Arch and Colonnade*, one of only three triumphal arches in the United States, was completed in December 2000. The work included reconstruction of the roof, together with new waterproofing and drainage systems; an architectural illumination system for the arch and colonnades; and the rehabilitation, cleaning, and graffiti protection of the masonry. In the Bridge Plaza, roadways and traffic islands were realigned, granite block paving was installed, lighting was improved, and trees were planted.

### **Anti-Icing Program**

In 1997, the Division first implemented the use of Anti-Icing techniques with the development of a Fixed Anti-Icing Spraying Technology (FAST) system on a portion of the Brooklyn Bridge South Roadway. During the 1999-00 winter season, the Division expanded the use of this technique by combining the use of the FAST system and spray trucks to spray anti-icing chemicals (potassium acetate and IceBan®) on selected roadways of all four East River bridges. 35,000 gallons of chemicals were used during the season's eleven weather events. The widespread use of these techniques will serve to reduce the negative aspects associated with the use of chloride salts on the newly rehabilitated roadways of the East River Bridges, while keeping the bridge's roadways safe for the traveling public.

### **Waterway Study**

In an effort to reduce operational costs associated with staffing and maintaining movable bridges, the Department procured the services of an engineering firm to undertake a comprehensive study of the remaining 24 movable bridges in the City's inventory. The surrounding areas, land use, maritime laws, regulations and other factors are being considered to assist the Department of Transportation in providing justification to the U.S. Coast Guard for permission to either convert certain of these movable bridges to fixed structures, or to modify their status to reduce the number of bridge openings.

In August 2000, the Coast Guard approved changing the status of certain bridges from "open on demand" to requiring two-hour advance notice. The change allows DOT to comply with regulations requiring increased use of mobile crews. The reduction in planned personnel will save approximately \$650,000 annually.

In 2000 DOT completed a preliminary study of the 6 bridges over the Newton Creek, the 8 bridges over the Harlem River, and the 5 bridges over the Gowanus Canal.

### **Marine Borer Study**

The Department is conducting a study to assess the existing damage caused by marine borers as well as the potential for future damage at several waterfront structures, including the supporting structures of the relieving platforms along the FDR and Harlem River Drives, and the timber piles and structures of the Carroll Street and Ocean Avenue bridges in Brooklyn. The preliminary design phase began in October 1999. The underwater inspection of timber piles supporting the FDR Drive began on May 8, 2000. After the type and extent of the marine borer infestation is known, plans will be made to develop and implement repairs and remediation measures to protect the structures from further attack. The inspections were completed in October 2000, and the Marine Borer Evaluation Report is scheduled for publication in April 2001.

### **2000 Awards**

In 2000, the outstanding work of the Division was recognized by the receipt of several awards. In April, the Department and its consultant (Weidlinger Associates) received awards from the New York Association of Consulting Engineers (NYACE) for the Franklin Square Truss under the Brooklyn Bridge, and for the seismic study of the Manhattan Bridge. Also in April, the New York Landmarks Conservancy awarded a "Landmark Lucy" to the Bridgemarket, located in the vaults underneath the Manhattan approaches to the Queensboro Bridge. The Conservancy called it "a unique and awe-inspiring space."

## EXECUTIVE SUMMARY

In June, the Division's Bridge Lighting Coordinator Philip Brooks was honored at the Agency's third annual recognition ceremony for his 53 years of City service. Mr. Brooks supervises the maintenance of roadway lighting on bridges (performed by private contractors under the jurisdiction of the Traffic Division), reviews bridge reconstruction lighting plans, and reviews contractor-submitted shop drawings for material and equipment to be used in bridge reconstruction. His current project is the lighting on the Williamsburg Bridge.

The memory of the late Division engineer Iftexhar Hossain was honored at the 100-Year Association service awards on December 12, 2000. Commissioner Weinshall presented Mrs. Hossain with a Public Service Award in recognition of her husband's outstanding efforts in the completion of the Park Lane South Bridge ahead of the accelerated construction schedule. Mr. Hossain passed away of a heart attack shortly after completion of that project.

The reconstruction of the Williamsburg Bridge/BMT Structure was selected as the 2000 Bridge Project of the Year in the *New York Construction News* Best of 2000 Bridge Award Program. This \$130 million dollar DOT project included the removal and replacement of the structure supporting the BMT subway (including the rail and signal system), and the removal and replacement of the rail system, consisting of approximately 7,000 linear feet of structure and 14,000 linear feet of track. The project was completed 35 days ahead of schedule. The jury cited the project team's "extraordinary" effort in completing a difficult task in so short a period of time.

The dedication and hard work of all members of the Division ensures that, as we begin the new millennium, the Division is stronger than ever and more capable than ever to meet the challenges of maintaining a diverse and impressive bridge infrastructure.

## DIVISION OVERVIEW

The New York City Department of Transportation's Division of Bridges is comprised of five major components. Responsible for formulating policy and providing executive direction, the **Chief Bridge Officer** oversees all aspects of the design, construction, maintenance, operation and administration of the 759 bridges (including 6 tunnels), and 67 culverts presently under the jurisdiction of the New York City Department of Transportation (NYCDOT). Holding a broad supervisory position, the Chief Bridge Officer is further tasked with providing overall executive and administrative direction for the Division of Bridges, as well as ensuring that all contractors are promptly paid.

Reporting to the Chief Bridge Officer, the **Community Affairs Unit** maintains liaison with elected officials, community boards, community groups, and civic/neighborhood associations. Issues and problems of concern to the communities are brought to the attention of the appropriate Division personnel and addressed.

The **East River and Movable Bridges Bureau** is responsible for all design and construction activities for all rehabilitation/reconstruction work that is planned, or currently taking place on the four East River Bridges, all City-owned movable bridges and tunnels, and all Component Rehabilitation activities. This involves overseeing and supervising design consultants who prepare plans and specifications for bridge rehabilitation/reconstruction projects on the four East River Bridges and all Movable Bridges, as well as overseeing and supervising contractors, Resident Engineers and Inspection Consultants, and Construction Support Services Consultants during the construction phase.

This Bureau is separated into three major areas: **East River Bridges**, **Movable Bridges**, and **Component Rehabilitation**. Each of the major areas is headed by a Director to whom Section Heads or Engineers-in-Charge (E.I.C.s) report. Each is assigned a specific bridge, or bridges, for which they are responsible for all Design and Construction activities.

**Component Rehabilitation** is the revamping or replacement of damaged, worn or defective bridge components. This type of work is performed primarily on those structures not classified as being "deficient," but which contain specific components that have low condition ratings. By rehabilitating these components, the Division can ensure that these bridges remain in "good" or "very good" condition; usually extending the bridge's useful life by up to 10 years.

The **Bureau of Roadway Bridges** is responsible for both design and construction activities for all rehabilitation/reconstruction work that is planned, or currently taking place on all City-owned, non-movable bridges, with the exception of the four East River Bridges. This involves overseeing and supervising design consultants who prepare plans and specifications for bridge rehabilitation/reconstruction projects, as well as overseeing and supervising contractors, Resident Engineers and Inspection Consultants, and Construction Support Services Consultants during the construction phase.

This Bureau is separated into two major geographic areas; **Brooklyn and Manhattan Bridges**, and **Bronx, Queens and Staten Island Bridges**. In each geographic area, the workload is divided by Community Board. Engineers-In-Charge report to the Directors of each major area, who, in turn, report to the Deputy Chief Engineer of the Bureau.

## DIVISION OVERVIEW

The **Engineering Review and Support Bureau** is responsible for providing Division-wide engineering support services. The following areas make up this Bureau: ***In-House Design, Engineering Support, Engineering Review, and Quality Assurance***.

***In-House Design*** staff prepare plans and specifications for bridge rehabilitation/reconstruction projects that enable the Division to restore bridges considered “structurally deficient” to a “very good” condition rating. This unit handles emergency Division projects, as well as special projects under construction by the **Bureau of Bridge Maintenance, Inspection and Operations**. The Electrical Group reviews and/or prepares contract documents for the electrical and street lighting work for all projects in the Division’s capital program. They further review plans and specifications prepared by consultants.

The ***Engineering Support Section*** is comprised of three units: *Specifications, Surveying and Load Rating*, and *Microfilm and Records Management*.

The *Specifications Unit* prepares and reviews specifications for all in-house and consultant-designed bridge projects, processes the contracts for bidding, prepares and transmits addenda, maintains and updates boiler plates, and maintains an inventory of all NYC and NYS special specifications used in City-let bridge projects. This unit also supervises the consultant design contract “Protection against Marine Borers”.

The *Surveying and Load Rating Unit* performs the survey, inspection and load rating of bridges, monitoring of cracks and movements in bridge structures and settlement of foundations. This unit also performs corrosion potential testing in all bridge resurfacing projects.

The *Microfilm and Records Management Unit* establishes drawing and microfilm standards, and reviews contract drawings prepared by consultants, as well as shop drawings, “as-built” drawings, microfilms and indexes prepared by contractors. This unit maintains design documents and original plan files, upgrades the plan files of original drawings into electronic media and answers requests for information regarding City-owned bridges.

The ***Engineering Review Section*** consists of five units: *Engineering Review and Estimates, Utilities, Land Acquisition, Geotechnical Engineering*, and *Scope Development*.

The *Engineering Review and Estimates Unit* reviews all City-let bridge construction contract drawings; reviews drawings from other Agencies and entities, as well as State and private companies; and ensures that the work to be performed conforms to NYCDOT requirements. This unit establishes design standards, including seismic requirements, and oversees estimates prepared by consultants. This unit also reviews superload truck permit applications and performs load analyses for the City’s bridges. In addition, the unit conducts other, non-bridge engineering projects, such as the annual balloon wind study for the Macy’s Thanksgiving Day Parade.

The *Utilities Unit* coordinates all issues related to utility design as they affect City-owned bridge projects and related projects.

The *Land Acquisition Unit* reviews and maintains a database of easement issues, right-of-way, and Uniform Land use Review Procedures (ULURP).

The *Geotechnical Engineering Unit* provides geotechnical-engineering services and oversees seismic design requirements for City-let contracts for bridge projects.

The *Scope Development Unit* reviews inspection reports and structural condition ratings to develop the scope of work for the rehabilitation of deficient bridges, and initiates the procurement of Design Consultant contracts.

## DIVISION OVERVIEW

The **Quality Assurance Section** ensures that materials installed for the Bridge Rehabilitation Program meet contractual requirements and are incorporated in strict compliance with plans and specifications. This section operates under its own formulated Quality Assurance Plan that is based on NYSDOT requirements and procedures. Quality Assurance has contractually retained the services of private inspection/testing firms. The provision of services required for various projects is better coordinated through this centralized method, which is also more timely and cost effective.

Off-site Quality Assurance services relative to fabrication of structural steel and precast/prestressed structural components for federally funded projects, previously handled by NYSDOT, are now being handled by this section. Current major projects include the Macombs Dam Bridge, the Williamsburg Bridge North Roadways, the Queens Boulevard Bridge, and the rehabilitation of the Manhattan Bridge North Spans.

Through its *Lead Waste and Hazardous Waste Unit*, Quality Assurance is also overseeing the implementation of the Final Environmental Impact Statement (FEIS) on bridge construction projects involving the removal and disposal of lead-based paint. The unit's active involvement in training the supervisors and overseeing the abrasive blasting operations has resulted in the successful completion of various paint removal projects. This unit also oversees the proper and safe disposal of other hazardous waste encountered during construction activities. The role of this unit in ensuring public safety has been recognized and commended by the community.

Employing almost 600 engineering, professional, administrative, and skilled trades employees in the maintenance and smooth operation of New York City's elevated infrastructure, the **Bureau of Bridge Maintenance, Inspection and Operations** is composed of six major sections:

The **Flag Engineering** section is an engineering group that reviews, routes, and tracks hazardous or potentially hazardous safety and structural conditions ("flags") in or on the city's 759 bridges (including 6 tunnels). The Flags staff are on call 24 hours a day to respond to bridge emergencies. The section can be alerted to flag conditions by city and state inspectors and other sources, such as the Communications Center. All conditions undergo an evaluation involving review of the flag report, photographs of condition, and, if necessary, a visit to the site. Subsequently, a "flag packet" describing the type of repair or response that is required is created and routed to an appropriate group, in-house or contractor, for elimination. Flags engineers supervise repair work performed by contractors. The section monitors the status of each flag, reporting on all activities on a monthly basis.

**In-House Repair** performs structural repair work to resolve flagged conditions, and rehabilitates and replaces damaged, worn, or defective bridge components before they deteriorate to the point where they become flagged conditions. This latter type of work, performed by in-house engineers and a variety of skilled trades personnel, is done primarily on structures rated good or very good, but which contain components that have low condition ratings. Work performed in this section includes the lubrication of mechanical components of the four East River and twenty-four movable bridges. The In-House Repair Section also administers federally funded contracts for the preventive maintenance of the four East River Bridges. This section responds to safety and structural emergencies on all City-owned bridges, as well as operational emergencies on movable bridges.

## DIVISION OVERVIEW

The **Inspections, Research, and Development** section performs three essential functions: *Bridge Inspections, Bridge Management, and Research and Development.*

The *Inspections Unit* inspects the city's bridges in accordance with state and federal standards; monitors bridge conditions with a high hazard potential, such as temporary repairs, outstanding flags, and fire hazards; responds to emergency inspection requests from NYCDOT and external sources; recommends repairs and remedial measures for hazardous conditions; generates flag and inspection reports for the Division; supervises inspections by consultants working for the Division; conducts inspections and inventories of expansion joints; conducts acoustic emission monitoring; and inspects non-structural cladding.

The *Bridge Management Unit* develops and maintains the database for the City's bridge inventory, condition ratings, and inspection information. The unit is also responsible for maintaining records of privately-owned bridges in the City. The database is the source all information used in a variety of reports, including this Annual Bridges and Tunnels Condition Report. This unit has used the bridge and span condition database to determine current and future needs for bridge rehabilitation, bridge component rehabilitation, flag forecasting, inspections and monitorings.

The *Research and Development Unit* is responsible for investigating new materials and methods to improve existing bridge conditions. It sponsors a series of lectures by experts on subjects relevant to design, construction, and maintenance, such as seismic retrofitting of bridges, salt substitutes, cathodic protection against corrosion, concrete patching materials, new paint strategies, non-destructive bridge testing, and deck resurfacing. The unit also participates in research programs with interested transportation and infrastructure entities. The unit contributed to the 1999 update of the Preventive Maintenance Manual for NYC bridges. It sponsored, in conjunction with the Port, Triborough Bridge, and NYS Bridge Authorities, a report on suspension bridge cables that led to a federal project for the entire United States. A number of articles on bridge management are published by the unit in technical journals in the United States, Japan, France, and elsewhere. The Bridge Management and Research and Development Units created the system for generating bridge inspection reports with portable computers; a similar system is now being adopted by the NYSDOT.

**Preventive Maintenance** is a vital part of the overall bridge program. This section is responsible for functions including debris removal; mechanical sweeping; pointing of masonry brick and block; and emergency response, such as snow removal, oil/cargo spills, and overpass hits. The section also performs some corrective repair work such as asphalt and concrete deck repairs, sidewalk patching, fence repair, and brick and masonry repairs. Preventive Maintenance is responsible for a federally-funded anti-icing program for the four East River bridges. This year the program has expanded to include an additional ten trucks equipped with plows and spray tank systems; shoveling crews equipped with backpack spray tanks are responsible for the Brooklyn and Williamsburg Bridge walkways.

**Bridge and Tunnel Operations** is responsible for operating the 24 City-owned movable bridges that span city waterways. Operating under a variety of federal mandates that call for 24-hour coverage at many locations, this section's mission is to provide safe and expedient passage to all marine and vehicular traffic under and on movable bridges. In calendar year 2000, Bridge Operations effected a total of 8,358 openings, 6,035 of which allowed 9,882 vessels to pass beneath the bridges. The remaining 2,323 openings were for operational and maintenance testing. The section also operates the city's six mechanically-ventilated tunnels, performing electrical maintenance and arranging for roadway cleaning.

## DIVISION OVERVIEW

The **Bridge Painting** section's function is to maintain the protective coating of the City's bridges. The section is divided into two programs, the in-house (expense) program and the capital program. The capital program oversees total paint removal and repainting, performed by contractors, which is done at twelve year intervals. In-house personnel provide the inspection services on the capital contracts. The in-house program is responsible for local surface preparation and overcoating, as well as spot and salt splash painting. Spot painting is performed at three and nine year intervals, while salt splash painting is performed at six year intervals. Members of the in-house program also staff the Graffiti Program for the Department and respond to emergency flag repairs alongside the in-house repair forces, to perform surface preparation prior to, and painting upon completion of, the steel work.

The overall mission of the Bureau of Bridge Maintenance, Inspection and Operations is to maintain the structural integrity of elevated structures and tunnels and to prolong their life by slowing the rate of deterioration. While our objective may be seen as "maintaining the status quo" of the infrastructure, we are continuing to take a new look at our methods, procedures, and general focus as we formulate our operational plans for the next several years.

As more bridges are rehabilitated, it becomes incumbent upon us to protect the government's investment in the infrastructure by developing and implementing a more **substantive preventive maintenance program** to keep these bridges in good condition.

The **Bureau of Management and Support Services** provides essential administrative and analytic services to each of the operational bureaus of the Division of Bridges. The section is divided into six primary areas: **Office of the Executive Director, Administrative, Budget, Capital Procurement, Capital Coordination, and Emergency Declarations/Specialty Engineering Services**. Each highly-specialized unit is designed to address those issues and requirements that are critical to the operation of the respective Bureaus within the Division.

In addition to possessing Division-wide responsibility for conflict resolution, Equal Employment Opportunity (EEO) enforcement, confidential investigations, Freedom of Information Law (FOIL) requests, space allocation, mail delivery, and special projects, the **Executive Director** oversees, on an executive level, the following areas and functions:

The **Director of the Administrative Section** oversees and administers all administrative/personnel-related functions for the Division, acting as a liaison with the Central Personnel Coordinator in NYCDOT Personnel including, but not limited to, recruiting for vacancies (this includes reviewing for completeness and submitting the necessary paperwork, and reviewing and distributing candidates' resumes); maintaining all Managerial Position Descriptions; maintaining all Division organization charts; scheduling Equal Employment Opportunity (EEO) training; confidential investigations; maintaining records of IFA-funded positions; initiating and assisting in resolving disciplinary/grievance actions; serving as Conflicts of Interest and Financial Disclosure Officer; collecting and reviewing managerial and non-managerial performance evaluations; absence control; providing interpretive advice to Division management regarding City and Agency policy and procedures; and overseeing telephone and facility-related issues for personnel located at Two Rector Street in Manhattan. The Director of Administration also serves as the Deputy Director of the Bureau of Management and Support Services, assuming the responsibilities of the Executive Director in that person's absence.

The Director of the Administrative Section also oversees the following two units.

The **Analytic Unit** prepares comprehensive bi-weekly and monthly reports that address major issues confronting the Division; compiles statistical data detailing the Division's productivity; processes and monitors all Freedom of Information Law (FOIL) requests; frames issues in which oversight assistance is required for use by the Division, NYCDOT Executive Management and the Mayor's Office; and prepares the City Charter-mandated **Annual Bridges and Tunnels Condition Report**.

## DIVISION OVERVIEW

The *Vehicle Coordination Unit* tracks the placement and condition of all vehicles under the jurisdiction of Bridges. It maintains a database and prepares reports containing this information; provides information and reports to appropriate inquiring Divisions and Agencies such as the Auditor General's Office, NYCDOT Legal Department and NYCDOT Litigation Support Services; coordinates the assignments of vehicles and movement of same throughout various borough field locations and job sites; prepares reports on Vehicle Status and replacement; prepares reports for the purpose of tracking Overnight Vehicle Assignments for all Division vehicles; receives and routes vehicle Accident Reports, Police Reports and Security Incident reports relating to vehicle accident, theft and/or vandalism; coordinates priorities for vehicle and equipment repair with M&R; prepares reports and memoranda regarding vehicle safety issues and communication procedures for NYCDOT Communication Center; and collects required documentation from field personnel for checking Driver Certifications with the Department of Motor Vehicles (DMV).

The **Director of the Budget Unit** oversees the Division's entire expense budget process including, but not limited to, base-line preparation, spending plans, overtime control, financial plan changes, and budget modifications. The unit further oversees all Division-wide fiscal activities, including the establishment and monitoring of all IFA-related project budgets, while simultaneously ensuring that the budget and plans represent the Division's priorities.

The **Capital Procurement Unit** serves as a liaison between the Division of Bridges and the Office of the Agency Chief Contracting Officer (ACCO). Duties of this unit include: overseeing the Division's capital contracts from inception to completion; acting as liaison between engineers and the consultant programs unit, handling all engineering questions and answers; preparing status reports; managing Bridges' Engineering Service Agreements; overseeing and coordinating all activities involved in the Contract Closeout process; coordinating Railroad Force Account Agreements for Division construction projects; and providing in-house review of contracts.

*Railroad Force Account Agreements* are a vital component in the rehabilitation/reconstruction program since train traffic affects 317 (42%) of City-owned bridges. Careful cooperation between the NYCDOT and the various railroad agencies that service the metropolitan area is required. The Railroad Coordinator provides a single point of contact for all railroad issues. The coordinator informs managers of "typical" railroad problems and attempts to avoid them through proactive measures.

Coordination with our Legal Department and Division engineering staff to clarify force account language in an attempt to avoid ambiguity is continuing. New agreements are being designed to explicitly identify when notices for outages or flagging protection are required, who will be responsible when outage/flagging is canceled, and specifying those documents that can be audited to expedite reimbursement of bills. These additions will streamline payment processing. The idea of a Master Agreement is not feasible since each railroad has its own rules and regulations governing its employees, its own scheduling procedures and different billing requirements/procedures.

NYCDOT bridge designers make every effort to prepare accurate and complete contract documents. Unfortunately, in many instances, the original design drawings for the deteriorating bridges no longer exist, and previous records of modifications and repairs are not available. When the contract documents for the bridge reconstruction projects do not accurately address conditions found in the field, *Contract Change Requests (CCR)* are needed. Change order work can not proceed until the CCR is registered. Due to the nature of bridge construction projects, change order work is often on the critical path. Any delay in the issuance of a change order forestalls the overall project, adding substantial overruns to the final cost.

This approval process typically requires three to six months to complete. A tracking process for change orders has been implemented, reducing the time for the approval process to one-and-a-half to three months.

## *DIVISION OVERVIEW*

The ***Capital Coordination Unit*** is responsible for preparing, coordinating and updating the capital budget and capital program initiative within the Division of Bridges. Currently, the Division's Ten Year Capital Plan is worth in excess of \$5 billion. This plan is designed to rehabilitate the City's bridges. Responsibilities include: administering and participating in the development and implementation of planning capital projects; acting as liaison with oversight agencies, DOT Administration and all responsibility centers within Bridges; developing and maintaining criteria by which the City's involvement in joint City/State projects is analyzed and evaluated; and determining applicability of projects for funding through the Federal Inter-modal Surface Transportation Efficiency Act (ISTEA).

The ***Emergency Declarations/Specialty Engineering Group*** is responsible for providing technical procurement expertise related to the following areas: preparing Emergency Declarations for unsafe conditions which require immediate remediation; assisting the Chief Bridge Officer in the contractor selection process for declared emergency situations; providing technical expertise related to the development, procurement and administration of Design/Build contracts throughout the various areas of the Division; and preparing Design/Build agreements for use throughout the Division.

## **JANUARY**

### **Y2K**

The Division of Bridges had electricians and highway repairers in place to operate five portable generators in the event of a power failure at a movable bridge or other vital facility.

### ***Manhattan Plaza Tunnel***

On January 8, 2000, at 2:20 PM, the State contractor working on the 9A Project accidentally severed the feeder cable to the tunnel. All power was lost, leaving the tunnel without ventilation and lighting. In this emergency, Division electricians assisted Con Edison in the installation of a temporary feeder, and electricity was restored by 11:30 PM. The tunnel remained open to traffic for the duration.

### ***Gun Hill Road Bridge over NYCT-Dyre Avenue Line (Bronx)***

The two-stage construction operation for this bridge began on January 24, 2000.

## **FEBRUARY**

### ***Queensboro Bridge***

The Declaration of Emergency for the bulkhead collapse below the Queensboro Bridge was signed and approved. The Notice to Proceed was issued in early February.

### ***Queens Boulevard and Honeywell Street Bridges (Queens)***

A Notice to Proceed for the reconstruction of these bridges was issued to the contractor on February 7, 2000.

### ***Lafayette Avenue Bridge over Amtrak (Bronx)***

The bridge was opened to traffic on February 11, 2000.

### ***Manhattan Bridge***

On February 13, 2000, Division personnel completed emergency structural repairs to a bouncing road panel that had led to a 2" drop in the roadway surface. This condition was discovered the day before, during a routine inspection of the modular joints.

### ***Greenpoint Avenue Bridge over Newton Creek (Brooklyn/Queens)***

On February 13, 2000, Bridge Repair Section personnel reinstalled the bridge's motor, which had been removed earlier in the month for refurbishing.

### ***Third Avenue Bridge over Harlem River (Bronx-Manhattan)***

On February 16 and 17, 2000, as part of the on-going repairs in the wake of the November 7, 1999 fire on the bridge, Division personnel fabricated and replaced fire-damaged timbers on the bridge's northwest approach to the service platform. On February 23, they secured all loose plates on the bridge.

## **MARCH**

### ***Cross Bay Boulevard Bridge over Jamaica Bay (North Channel Bridge)***

On March 6, 2000, Division Electricians and Ironworkers completed the installation of new navigation lights under the bridge.

### ***Victory Boulevard Pedestrian Bridge (a.k.a. Minthorne Street) (Staten Island)***

Stairway B was opened to the public on March 20, 2000.

### ***16<sup>th</sup> Avenue Bridge over LIRR (Brooklyn)***

The bridge was opened to vehicular traffic on March 24, 2000, within the one-year construction period promised to the Community Board. The sidewalk in front of the Medical Center was also completed on schedule.

### ***Riverside Drive Viaduct at West 158<sup>th</sup> Street***

Division personnel began steel rehabilitation work on the viaduct.

### ***Third Avenue Bridge over Harlem River (Bronx-Manhattan)***

The bridge was restored to operation for marine traffic following a fire on November 7, 1999.

## **APRIL**

### ***Awards***

The Department and its consultant (Weidlinger Associates) received awards from the New York Association of Consulting Engineers (NYACE) for the Franklin Square Truss under the Brooklyn Bridge, and for the seismic study of the Manhattan Bridge.



**Franklin Square Truss**

On April 25, the New York Landmarks Conservancy awarded a “Landmark Lucy” to the Bridgemarket, located in the vaults underneath the Manhattan approaches to the Queensboro Bridge. The Conservancy called it “a unique and awe-inspiring space.”

### ***South Avenue Bridge over B&O Railroad (Staten Island)***

Full closure of this bridge commenced on April 12, 2000, as agreed to by the community in March.

### ***Third Avenue & Ridge Boulevard Bridges over Shore Road Drive (Brooklyn)***

Both bridges were closed to traffic for one year beginning April 3, 2000. This was agreed to by Community Board #10 in November 1999 as an alternative to closing one bridge at a time and stretching the project out over two years.

### ***Queensboro Bridge***

On April 24, 2000, the north outer roadway was opened to car traffic, and the south outer roadway was opened to pedestrians and bicyclists.

## **MAY**

### ***Brooklyn Bridge***

On May 1, 2000, Division Ironworkers began installing a replica of a historic promenade railing on the Brooklyn-side walkway. The replacement of the deteriorated sections of promenade railing with identical replicas of the existing steel will continue through the fall of 2001. Virtually all of the work is done from the promenade, closing the left roadway lane as little as possible.

### ***Five Borough Bike Tour***

On May 3, 2000, in preparation for the tour on Sunday, Division personnel replaced worn areas of the flexolith with sheet asphalt on the Manhattan-bound upper roadway of the Queensboro Bridge.

Beginning at 4 AM on May 7, 2000, Division personnel swept clean all bridges on the tour route before the tour began, including the Pulaski, Queensboro, Willis, and Third Avenue bridges.

### ***Marine Borer Project***

The underwater inspection of timber piles supporting the FDR Drive began on May 8, 2000.

### ***171<sup>st</sup> Street (Ramp to George Washington Bridge over Riverside Drive) (Manhattan)***

The ramp was reopened to its full width on May 12, 2000.

### ***4<sup>th</sup> Avenue Bridge over NYCT (Brooklyn)***

The roadway and sidewalk were opened to both pedestrian and vehicular traffic on May 24, 2000.

### ***West 8<sup>th</sup> Street Pedestrian Bridge over Surf Avenue (Brooklyn)***

The bridge was opened to traffic on May 26, 2000.

## **JUNE**

### ***Award***

On June 8, 2000, Bridge Lighting Coordinator Philip Brooks was honored at the Agency's third annual recognition ceremony for his 53 years of City service. Mr. Brooks' responsibilities include supervising the maintenance of roadway lighting on bridges (performed by private contractors under the jurisdiction of the Traffic Division), reviewing bridge reconstruction lighting plans, and reviewing contractor-submitted shop drawings for material and equipment to be used in bridge reconstruction. His current project is the lighting on the Williamsburg Bridge.

### ***International Conference***

On June 12 through June 14, 2000, four Division engineers attended the 17<sup>th</sup> annual International Bridge Conference in Pittsburgh. This is the largest annual bridge conference in the country. The NYC DOT representatives gave three presentations: the Brooklyn Bridge re-decking project, the Manhattan Bridge reconstruction program, and our Movable Bridge reconstruction program. The presentations were well received by the conference attendees, who expressed interest in our world-class program in NYC.

## **OPSAIL 2000**

On June 21, 2000, Division representatives and the Coast Guard toured the East and Harlem Rivers to inspect bridge conditions prior to the beginning of OPSAIL 2000. In addition, Division painters, with the assistance of the Harbor Patrol, located and removed graffiti from various shoreline locations.

## ***Bedford Park Boulevard Bridge over NYCT Yards (Bronx)***

The rehabilitation of this 65-year-old bridge, which spans the rail yard between Jerome and Paul Avenues, began in August 1997 on an accelerated schedule, and included removal of the bridge deck, sidewalks, framing, piers and abutments, and their replacement by new components. The bridge was officially opened on June 26, 2000, five months ahead of the accelerated schedule.

## **JULY**

### ***Independence Day***

Division electricians, painters, and laborers assisted in the preparation of the Park at the Brooklyn Tower of the Brooklyn Bridge for City Hall's Independence Day celebration.

### ***Manhattan Bridge***

Cleaning and painting of the inside of the Brooklyn Tower began on July 7, 2000.

### ***Jerome Avenue Bridge over Mosholu Parkway (Bronx)***

The bridge was opened to traffic on July 10, 2000.

### ***Broadway Bridge over Harlem River (Bronx/Manhattan)***

A fire on February 14, 2000, in the duct of the bus bars caused damage to the bridge's power line, necessitating the bridge's closure to regularly scheduled marine traffic. Division Ironworkers fabricated and installed a new enclosure for the bus bars, and electricians installed the bars and restored power to the bridge. The movable span was operational as of July 16, 2000.

### ***Queensboro Bridge***

The north outer roadway ramp to 60<sup>th</sup> Street was opened to traffic on July 31, 2000.

### ***Third Avenue Bridge over Harlem River (Bronx-Manhattan)***

The required Essential Fish Habitat Assessment was submitted to the National Marine Fisheries Service.

## **AUGUST**

### ***Brooklyn Bridge***

The contractor completed all work related to the closure of the subway entrance on the bridge promenade.

### ***Queensboro Bridge***

On August 9, 2000, the contractor completed the month-long emergency stabilization of the Vernon Boulevard bulkhead under the bridge, including work to protect the adjacent bulkhead of the Silvercup Studio property.

## CHRONOLOGY

### ***Gun Hill Road Bridge over NYCT-Dyre Avenue Line (Bronx)***

On Friday, August 18, 2000 a ribbon-cutting ceremony was held for the early reopening of this bridge. The construction was completed 2 ½ months ahead of the accelerated schedule.

### ***Belt Parkway Bridge over Fresh Creek (Brooklyn)***

Upon inspection, the temporary plates placed upon this bridge over the last several years were found to have deteriorated to a potentially hazardous level. On July 13, 2000, Division personnel began permanent roadway and wall repairs to this bridge. The repairs were completed on August 25, 2000. This bridge is scheduled for removal and replacement beginning in 2002.

### ***Movable Bridges***

The United States Coast Guard approved our proposed changes to bridge regulations which would change certain bridges from "Demand" to "Two Hour Advanced Notice." This allows the increased use of mobile crews and will save the City approximately \$650,000 annually.

## SEPTEMBER

### ***Queensboro Bridge***

A change in traffic patterns, including designation of the north outer roadway as a pedestrian and bicycle path and designation of the south outer roadway for Queens-bound vehicular traffic only, began on September 12, 2000.

### ***11<sup>th</sup> Avenue Bridge over LIRR & NYCT (Brooklyn)***

The bridge was opened to traffic on September 29, 2000. This reopening was some two weeks ahead of the already accelerated one-year schedule promised to the community.

## OCTOBER

### ***Thanksgiving Day Parade***

On October 6, 2000, Division engineers approved the applications for the five new balloons (Clifford, Ronald McDonald, Ask Jeeves, Mickey Mouse and Cassie) to be flown in the annual parade, as well as the tie-off anchorage systems.

### ***Martlings Avenue over Richmond Lake Dam (Staten Island)***

The component rehabilitation of this bridge began on October 16, 2000.

### ***Cropsey Avenue Ramp to the Eastbound Belt Parkway***

The Cropsey Avenue Ramp to the eastbound Belt Parkway project was substantially completed on October 22, 2000. The remaining work consists of the landscape restoration, which will be done in the Spring of 2001.

### ***Hooper Fountain***

Restoration of the fountain (part of the Macombs Dam Bridge project) was completed this month.

## NOVEMBER

### **Awards**

The reconstruction of the Williamsburg Bridge/BMT Structure was selected as the 2000 Bridge Project of the Year in the *New York Construction News* Best of 2000 Bridge Award Program. This \$130 million dollar DOT project included the removal and replacement of the structure supporting the BMT subway (including the rail and signal system), and the removal and replacement of the rail system, consisting of approximately 7,000 linear feet of structure and 14,000 linear feet of track. The project was completed 35 days ahead of schedule. The jury cited the project team's "extraordinary" effort in completing a difficult task in so short a period of time.

### **New York City Marathon**

In preparation for the Marathon, Division personnel relocated fencing and barriers on the Queensboro Bridge, installed bales of hay for safety, and swept and cleaned along the entire route. In addition, temporary repairs were made to the expansion joints on the Willis Avenue Bridge, and the Bridge Painting section removed graffiti along the route.

### **Thanksgiving Day Parade**

On November 4, 2000, Division engineers attended the successful test flight in the New Jersey Meadowlands of the new balloons to be introduced in the upcoming parade. On November 21, 2000, Division engineers, including the Chief Bridge Officer, participated in the load testing of the 80 anchors that were installed on the curbs of 77<sup>th</sup> and 81<sup>st</sup> Streets to tie down the balloons for the Thanksgiving Day Parade. They also participated during the parade, where wind speeds were lower than predicted, and did not result in concerns for the safety of any of the large balloons. For safety reasons, the balloons were tethered 10 to 15 feet from the ground, about half their usual height. Wind conditions were documented at four key staffed positions on the parade route, and the drift of one typical large balloon (Dexter), was videotaped from a parade golf cart, in an effort to further refine the study, as requested by the Police Department. In addition, all balloons were monitored from the Traffic Department Control Room.

### **Macombs Dam Bridge over Harlem River (Bronx/Manhattan)**

Demolition work began for this \$137 million rehabilitation project. Road closures began immediately after the conclusion of the World Series.

### **Idlease Place Culvert at Hunter Avenue (Staten Island)**

On November 4, 2000, maintenance personnel completed the deck replacement for this culvert. The road was reopened after only a two-week closure.

### **Northern Boulevard over Belt System—Cross Island Parkway (Queens)**

The bridge was opened to traffic on November 16, 2000, two weeks ahead of schedule.

### **West 205<sup>th</sup> Street Bridge over NYCTA IND Yards (Bronx)**

The bridge was fully opened to traffic on November 20, 2000.

### **Hugh Grant Tunnel (Bronx)**

On November 28, 2000, in-house repair forces completed the reinstallation of the six tunnel ventilation fans, which had been removed in June for rehabilitation.

### **Forest Park Drive over LIRR Montauk Division (Queens)**

This bridge was opened to traffic, on schedule, on November 30, 2000.

## **DECEMBER**

### ***Award***

The memory of the late Division engineer Iftexhar Hossain was honored at the 100-Year Association service awards on December 12, 2000. Commissioner Weinshall presented Mrs. Hossain with a Public Service Award in recognition of her husband's outstanding efforts in the completion of the Park Lane South Bridge ahead of the accelerated construction schedule. Mr. Hossain passed away of a heart attack shortly after completion of that project.

### ***Manhattan Bridge***

On December 12, 2000, gale winds with gusts of 50 mph were present at the Manhattan Bridge. The "accordion" paint containment system on the Manhattan Tower was partially lowered with some damage to the tarps. However, the containment system on the Brooklyn Tower, which is of a different design, was more seriously damaged. Intermittent road closures were in force for approximately two hours while the tarp portions that were blowing near the roadways were secured. Subsequently, one lane on each roadway was closed so that crews could be positioned to continuously observe the tarps on the higher portions of the tower that could not be accessed because of the high winds, and to institute full closures immediately upon observing an unsafe condition.

A Notice to Proceed for construction support services and resident engineering inspection for Contract #10 was issued on December 19, 2000.

### ***Queensboro Bridge***

On December 13, 2000, the contractor started the installation of the First Avenue Arch lighting under the bridge.

### ***Belt Parkway Bridge over Mill Basin (Brooklyn)***

On the nights of December 20 and 21, 2000, in response to public safety concerns, Jersey barriers were installed along the center median on the approach to the bridge to close gaps and prevent any "crossover" vehicle accidents.

### ***Forest Park Drive Bridge over the LIRR (abandoned) (Queens)***

This bridge was substantially completed on December 20, 2000. This project was completed on schedule.

### ***Snow Storm***

Preventive Maintenance crews worked during the December 30, 2000 snow storm and for the entire three-day weekend, performing anti-icing and plowing on the East River Bridges, shoveling walkways, and conducting icicle patrols. Bridge Operations forces cleared all Harlem River bridge sidewalks. Bridge Repair crews were called in during the storm to repair a damaged bridge rail on the Brooklyn-Queens Expressway. The Department's efforts were well praised by the Mayor and Commissioner.

# INNOVATIONS & ACCOMPLISHMENTS

## ***East River Bridges, Movable Bridges, and Component Rehabilitation***

### **ENGINEERING AWARD**

In April 2000, the Department and its consultant (Weidlinger Associates) received awards from the New York Association of Consulting Engineers (NYACE) for the Franklin Square Truss under the Brooklyn Bridge, and for the seismic study of the Manhattan Bridge.

### **QUEENSBORO BRIDGE/BRIDGEMARKET AWARD**

In April 2000, the New York Landmarks Conservancy awarded a "Landmark Lucy" to the Bridgemarket, located in the Guastavino tiled vaults underneath the Manhattan approaches to the Queensboro Bridge. The Conservancy called it "a unique and awe-inspiring space."

### **QUEENSBORO BRIDGE**

The rehabilitation of the lower outer roadways on the Queensboro Bridge continued during 2000. The Division coordinated the rehabilitation of the Bridgemarket with the contractor. Guastavino Arch tile work and glass installation were completed in January 2000. Planned construction, including the south outer roadway, was completed in July 2000, one month ahead of schedule. The change in traffic patterns began on September 12, 2000, including the designation of the north outer roadway as a pedestrian and bicycle path, and the designation of the south outer roadway for Queens-bound vehicular traffic only. Bulkhead repairs on the Queens side of the East River under the Queensboro Bridge were done under an emergency marine contract, including work to protect the adjacent bulkhead of the Silver Cup Property. These repairs were completed in August 2000. Rehabilitation of the City Shops on the Manhattan side of the bridge and the installation of truss covers to prevent falling debris on the north outer roadway will be completed in mid-February 2001. The final work item of this project, rehabilitation of the necklace lights, will be completed in September 2001.

### **WILLIAMSBURG BRIDGE/BMT STRUCTURE AWARD**

The reconstruction of the Williamsburg Bridge/BMT Structure (Contract #6) was selected as the 2000 Bridge Project of the Year in the *New York Construction News* Best of 2000 Bridge Award Program. This \$130 million dollar DOT project included the removal and replacement of the structure supporting the BMT subway (including the rail and signal systems), and the removal and replacement of the rail system, consisting of approximately 7,000 linear feet of structure and 14,000 linear feet of track. The project was completed 35 days ahead of schedule. The jury cited the project team's "extraordinary" effort in completing a difficult task in so short a period of time.

### **WILLIAMSBURG BRIDGE**

The largest of the three suspension bridges that traverse the East River, the Williamsburg Bridge carries some 232,000 commuters - 140,000 vehicles and 92,000 mass transit riders - between Manhattan and Brooklyn daily. The bridge supports a subway transit line upon which three different train lines operate.

## *INNOVATIONS & ACCOMPLISHMENTS*

### **Contract #7**

The reconstruction work on the north roadways of the Williamsburg Bridge is a mirror image of the completed reconstruction work on the Williamsburg Bridge south roadways, which includes the complete replacement of the main bridge deck with a steel deck system and new approach structures. This \$202.8 million contract includes provisions for financial disincentives to ensure that the project is completed within the scheduled closure period, minimizing the impact it has on the public. The contract also contains incentive clauses to reward the contractor for early completion of each phase of the project.

Work on the north roadway's pile foundations, piers and columns began in early 2000. The north roadways will be closed to traffic on January 29, 2001 in order to perform necessary work and are scheduled for completion in 2002.

All traffic will be diverted onto the four south roadway travel lanes during the north roadways' closure. Manhattan-bound traffic will be diverted onto the two south inner roadway travel lanes. Brooklyn-bound traffic will continue to use the two south outer roadway travel lanes. Due to height restrictions on the south inner roadway, Manhattan-bound truck traffic will be detoured to other crossings such as the Manhattan Bridge and the Queens Midtown Tunnel.

The Department will continue to maintain pedestrian/bike access across the bridge. The south footpath/bikeway will remain open at all times. During Contract #7, DOT will construct a new Manhattan approach ramp and north footpath/bikeway. Upon completion, the new footpath/bikeway will have one access point in Manhattan at Clinton Street, which will lead to a crossover on the main span of the bridge to enable people to access either the north or south paths. The north path will be dedicated to bicyclists and will lead to an access point at Washington Park. The south path will be dedicated to pedestrians and will lead to an access point at Bedford Avenue. Completion of the new north walkway will also mean that, for the first time ever, the bridge will be accessible to wheelchair users and meet the requirements of the Americans with Disabilities Act.

### **Contract #8**

Slated to be bid in June 2002, started in December 2002, and finished by October 2005, Contract # 8 of the Williamsburg Bridge Reconstruction Project will see the rehabilitation of the tower bearings, the rehabilitation of the steel structure of all eight towers, the rehabilitation of the travelers (inspection platforms), as well as painting and other architectural work.

Such improvements will not only restore the structural integrity of the Williamsburg Bridge, but also allow it to carry an increasing number of pedestrians and bicyclists, thereby reducing automobile congestion and its concomitant air pollution in New York City.

### **MANHATTAN BRIDGE**

The youngest of the three suspension bridges that traverse the East River, the Manhattan Bridge carries some 165,000 commuters - 75,000 vehicles and 90,000 mass transit riders - between Manhattan and Brooklyn daily. The bridge supports a subway transit line upon which four different train lines operate.

The Manhattan Bridge is undergoing its first major painting in many years. Existing lead paint is being removed by abrasive blasting inside a full-containment structure with negative air pressure to ensure safety of the general public.

A newly designed temporary jacking/support system is being utilized on this bridge for the replacement of the truss bearing on the approach. The system is supported on the pier adjacent to the bearing and grillage that is being replaced. Traffic is being maintained during this project.

## INNOVATIONS & ACCOMPLISHMENTS

A track-mounted crane is being utilized to remove and replace the stringers and floor beams supporting the south side subway tracks.

The restoration of the Manhattan Bridge Arch and Colonnade, one of only three triumphal arches in the United States, was completed in December 2000. The work included reconstruction of the roof, together with new waterproofing and drainage systems; an architectural illumination system for the arch and colonnades; and the rehabilitation, cleaning, and graffiti protection of the masonry. In the Bridge Plaza, roadways and traffic islands were realigned, granite block paving was installed, lighting was improved, and trees were planted.

The south lane of the lower roadway of the bridge is expected to be reopened to traffic in the Spring of 2001.

The NYSDOT accepted design features proposed by the Division to reduce maintenance costs and activities on the Manhattan Bridge. The features include:

Installation of a new generation of Modular Joints designed to withstand the large fatigue forces present on the bridge. Since these modular joints are sealed, the maintenance problems associated with finger joints are eliminated; the replacement of current Steel Rocker Bearings (which require cleaning and lubrication every 6 months) with new Multi-Rotational bearings which have stainless steel and Teflon sliding surfaces, thereby requiring no lubrication and limited cleaning; the installation of a New Drainage System which will direct water to a large diameter downspout system, eliminating the need for sump pits; the installation of self-lubricating Rockers in the Anchorages; and the installation of maintenance platforms and debris netting under the approach spans to allow easier access to the bottom chord of the trusses.

### **Contract #10**

Commencing in March 2001, and expected to finish by the Fall of 2008, **Contract #10** will see the following improvements: rehabilitation of the north main span; refurbishment of the approach tunnels and truss bearings; installation of a dedicated bicycle way on the bridge's north side; reconstruction of the lower roadways and the Manhattan-side approach spans; replacement of the suspender ropes; painting; and other architectural work.

The scope of work includes a new ITS (Intelligent Transportation System). The ITS, providing coverage from Bowery Street in Manhattan to Tillary Street in Brooklyn, will consist of CCTV (Closed Circuit televisions), and VMS (Variable Message Signs). This will provide full coverage for the Manhattan Bridge upper and lower roadways, including the south walkway and north bikeway. Ranging radar detectors will determine the volume and occupancy of the traffic on the bridge, and the CCTV will be utilized to confirm any incident. Operators at the Joint Traffic Operation Center in Long Island City will obtain data and video from the ITS, which will enhance the management of traffic on the bridge and its vicinity and assist incident management. A total of 19 cameras and 7 VMS will be installed on the bridge.

These upgrades will not only restore the structural integrity of the Manhattan Bridge, but will also allow it to carry an increasing number of pedestrians and bicyclists, thereby reducing automobile congestion and its associated air pollution in New York City.

### **BELT PARKWAY BRIDGE OVER MILL BASIN (BROOKLYN)**

When the Mill Basin Bridge was constructed during the first half of the 20<sup>th</sup> century, New York City's inland waterways were some of the most heavily navigated thoroughfares in the country. However, as maritime traffic in New York City has steadily decreased since the mid-1960s, the need for movable bridges has equally lessened. In 1941, during its first full year of operation, the Mill Basin Bridge was opened 3,100 times; by 1953, that figure had sunk to 2,173; by 2000, the number of openings had declined a further 1,711 for a total of 462 openings.

## *INNOVATIONS & ACCOMPLISHMENTS*

In addition, significant and costly traffic congestion results from the operation of this outmoded drawbridge. In 1996, the Mill Basin Bridge carried 132,853 vehicles per day. As the average opening and closing time for the bridge (and others like it) is ten minutes, the negative influence this structure's operation has on the efficiency of New York City's traffic flow is significant.

Under the Department's current proposal, the Mill Basin Bridge will be replaced with a new, high-level, fixed bridge. The bridge will be constructed next to the existing structure so as to maintain mobility during the construction period. It will feature three lanes of vehicular traffic, as well as a 12-foot wide shoulder, in each direction. A new sidewalk/bicycle way will be also be added.

As an interim measure, beginning in Spring 2001, the existing deck grating (approximately 200 panels) of the bridge will be replaced. All work will be done at night. The project is expected to conclude in Spring 2002.

### **MACOMBS DAM BRIDGE OVER THE HARLEM RIVER (BRONX/MANHATTAN)**

The \$136 million reconstruction of this landmark bridge continued during 2000. Work performed in 2000 included the installation of shielding and the completion of some structural repairs. Structural components were fabricated to prepare for the deck replacement on the 155<sup>th</sup> Street viaduct, scheduled for early 2001. As part of this project, the historic Hooper Fountain, which dates from 1894, was fully rehabilitated in Fall 2000. Expected completion of the bridge reconstruction is Spring 2003.

### **THIRD AVENUE BRIDGE OVER THE HARLEM RIVER (BRONX/MANHATTAN)**

The design of the Third Avenue Bridge over the Harlem River was completed in October 2000. The reconstruction contract is expected to be awarded in the Spring of 2001 with an estimated cost of \$78 million. Reconstruction will include complete replacement of the approaches and the swing span. The replacement bridge will utilize the highest capacity bearing ever employed on a swing bridge. The approximate design loading is 7,000,000 lbs. vertical and 2,400,000 lbs. horizontal. A temporary bridge, alongside the current one, will be in place for five months to maintain two lanes of traffic into Manhattan while the swing span is being replaced. Completion is scheduled for Fall 2005.

### **WILLIS AVENUE BRIDGE OVER THE HARLEM RIVER (BRONX/MANHATTAN)**

Measuring 3,212 feet in length and opened to traffic in August 1901, the Willis Avenue Bridge remains one of New York City's most densely-traveled bridges. A major hub between the FDR Drive, the Major Deegan Expressway and the Bruckner Expressway, the Willis Avenue Bridge carried some 78,145 vehicles per day in 1998. Among these are included ten local and interstate bus lines that use the bridge as a principal route from New York City to points throughout the northeastern United States.

Because of dangerous curves that presently exist on the structure's approaches, the Willis Avenue Bridge has also proved one of the City's most accident-prone crossings. Between 1992 and 1994, there were 809 vehicular accidents on the bridge, for an average of 269 per year. Under the Department's proposed reconstruction program, these dangerous curves would be removed, and smoother lane merges installed in their place.

In view of the advanced age and condition of the Willis Avenue Bridge, the City of New York proposes to replace the existing bowstring truss swing bridge with a new swing span bridge constructed off line, and entirely from steel. Due to begin in January 2005, this \$251 million project is slated for completion in January 2010. In the meantime, to minimize the chances of unanticipated closures due to the deteriorated grating on the old bridge, the grating will be replaced in 2003.

## *INNOVATIONS & ACCOMPLISHMENTS*

### **145th STREET BRIDGE OVER THE HARLEM RIVER (BRONX/MANHATTAN)**

The 145<sup>th</sup> Street Bridge carries 13,500 vehicles per day in each direction, making it one of the most essential routes for vehicles and pedestrians traveling between Manhattan and the Bronx. Vehicles crossing this bridge each day between the two boroughs include buses, trucks and cars.

Scheduled for construction between September 2003 and June 2005, the 145<sup>th</sup> Street Bridge Reconstruction Project will include the complete replacement of the swing span and six (6) approach spans, seismic retrofitting, partial reconstruction of substructures and the reconstruction of the approach roadways.

These upgrades will restore the structural integrity and extend the useful life of the 145<sup>th</sup> Street Bridge. With the elimination of the center median and center truss, the lane widths in each direction will be increased to the standard width.

### **FLOAT OUT FLOAT IN**

A technique referred to as “float out the old/float in the new” is being incorporated into replacement schemes for movable bridges. Under this scheme, the old spans are floated out in their entirety and the new spans are floated in. Having the new spans constructed off-site and barged to the project allows for quick and efficient replacement of the removed span. Current projects which will incorporate this technique are: Third Avenue Bridge, Willis Avenue Bridge, 145th Street Bridge, Hamilton Avenue Bridge, Borden Avenue Bridge, and Grand Street Bridge.

### **THREE TUNNEL PROJECT**

Rehabilitation work continued on the Battery Park Underpass, and the Park Avenue and First Avenue tunnels in Manhattan. The contract includes the rehabilitation of the mechanical and electrical systems, including the ventilation, fire, lighting and drainage systems.

### **WATERWAY STUDY**

The Department has procured the services of an engineering firm to undertake a comprehensive study of the City's remaining 24 movable bridges. The surrounding areas, land use, maritime laws, regulations and other factors are being considered to assist the Department of Transportation in providing justification to the U.S. Coast Guard for permission to either convert certain of these movable bridges to fixed structures, or to modify their status to reduce the number of bridge openings. Such conversions would save the City annual operation and maintenance costs.

The United States Coast Guard has approved changing the status of certain bridges from “open on demand” to requiring two-hour advance notice. The change allows DOT to comply with regulations requiring increased use of mobile crews. The reduction in planned personnel will save approximately \$650,000 annually.

Due to clearance needed for construction equipment to be used for planned reconstruction projects on several Harlem River bridges, it was decided to delay conversion of the Ward's Island Pedestrian Bridge to fixed bridge status until all reconstruction projects are completed. DOT estimates completion in Fiscal 2007.

In 2000 DOT completed a preliminary study of the 6 bridges over the Newton Creek, the 8 bridges over the Harlem River, and the 5 bridges over the Gowanus Canal.

# INNOVATIONS & ACCOMPLISHMENTS

## **Roadway Bridges**

### **INNOVATIONS**

Innovations in the design and construction of Roadway Bridges continued in 2000. The continued use of weathered steel for bridges over railroads eliminates expensive railroad costs involved with maintenance painting. The continued use of precast elements, where feasible, in bridge reconstructions reduces construction duration and the resulting negative impacts on the traveling public. For example, the construction duration of the Kings Highway Bridge over the BMT Subway project was reduced from eighteen months to six months, and the projected necessary power outages required from the NYCT for the 15<sup>th</sup> and 17<sup>th</sup> Avenue Bridges over the Bay Ridge LIRR projects were reduced from 1,113 to 689. This represents an equivalent of eight weekends.

Stainless steel clad rebars and galvanized steel rebars, to reduce concrete deck deterioration, are being utilized in pilot projects such as the Congress Street Bridge over the Brooklyn-Queens Expressway, and the East Third Street Bridge over the Bay Ridge LIRR.

### **BELT PARKWAY BRIDGES OVER FRESH CREEK, GERRITSEN INLET, AND PAERDEGAT BASIN (BROOKLYN)**

On a New York State-mandated scale from 1 to 7, these three bridges possess a condition rating of "fair" (3.001 – 4.999). In 2000, the Fresh Creek Bridge was 3.43; Gerritsen Inlet was 3.46; and Paerdegat Basin was 3.40. While none of the bridges are in any immediate danger of structural failure, their reconstruction is required in order to maintain mobility and public safety on this vital artery.

Under the Department's current proposal, the existing 5 span, 264.5 foot Fresh Creek Bridge will be replaced with a new 3 span, 309 foot bridge, and the existing 11 span, 520 foot Gerritsen Inlet Bridge will be replaced with a new 5 span, 545 foot bridge. In both cases, the stopping sign distance for the bridge and approach roadway will be improved with a design speed of 60 MPH.

The Paerdegat Basin Bridge will be replaced by a new bridge (with complete replacement of the superstructure and substructure). It will be constructed on a new off-line alignment conforming to current standards. The new split bridge will be within the right-of-way of the parkway.

### **HARLEM RIVER DRIVE AT EAST 127<sup>th</sup> STREET (MANHATTAN)**

A study of the Harlem River Drive over the ramp to the Harlem River Drive NB at East 127<sup>th</sup> Street is underway to establish a scheme to reconstruct the bridge, including a correction of vertical alignment, a correction of the weaving problem on the FDR between 3<sup>rd</sup> and 2<sup>nd</sup> Avenues, and an improvement of the traffic flow on the FDR at 96<sup>th</sup> Street through Park Avenue on the HRD.

### **BEDFORD PARK BOULEVARD BRIDGE OVER METRO NORTH (BRONX)**

The reconstruction of this bridge was completed 18 months ahead of schedule.

### **GUN HILL ROAD BRIDGE OVER NYCT - -DYRE AVENUE LINE (BRONX)**

The Gun Hill Road Bridge was re-opened in August, 2000. The construction was completed 2 ½ months ahead of the accelerated schedule. The contract included incentive and disincentive

## *INNOVATIONS & ACCOMPLISHMENTS*

clauses. Division personnel, the contractor and the consultant worked closely with the NYCT, NYPD, NYFD and DOS to ensure that this project would be successful. To minimize the impact on the community, the contractor worked two shifts (day and night), 6 to 7 days per week for four months. Work in front of the Dyre Avenue subway station was done at night. Pedestrian access to the train station and businesses was maintained throughout the duration of the project. Two lanes of traffic were open at all times to the public.

### **INSPECTION OF THE HIGHBRIDGE PEDESTRIAN BRIDGE OVER THE HARLEM RIVER (BRONX/MANHATTAN)**

In support of the Department of Parks and Recreation (DPR), the Division prepared a detailed scope of work for the comprehensive in-depth inspection of this eleven span landmark structure, the oldest (circa 1848) bridge over the Harlem River. The bridge is currently under DPR's jurisdiction.

The scope, prepared in March 2000, is a prerequisite for soliciting proposals from engineering consultants for the inspection work, which is estimated to cost \$1.2 million. This work will be administered and supervised by the Division.

The resultant report will be furnished to DPR to pursue rehabilitation of the structure toward its goal of re-opening the historic promenade level for public use by pedestrians and cyclists and, once again, linking the Bronx and Manhattan portions of Highbridge Park.

### **WESTCHESTER AVENUE BRIDGE OVER THE HUTCHINSON RIVER PARKWAY (BRONX)**

This bridge supports a transit structure overhead and has substandard clearance over the highway below. On average, the bridge's girders are struck by unauthorized overheight vehicles eight times per year. A project to install an Intelligent Transportation Systems (ITS) solution, which includes the installation of an overheight vehicle detection system that will flash signs directing vehicles identified as being over 9' in height to exit the parkway, will be completed within the next year. The project also includes cameras that will be activated by acoustics and will document future damage to the bridge for recoupment of costs by the City. A separate project is underway to reconstruct the bridge and lower the Parkway.

### **153<sup>rd</sup> STREET BRIDGE OVER METRO NORTH (BRONX)**

This project, currently in the design and environmental impact assessment stage, will include a two-span, single tower, cable stayed bridge, which will be the first of its kind in New York City. The new four lane bridge will extend East 153<sup>rd</sup> Street in the Bronx across the Mott Haven rail yards from Morris Avenue to the Grand Concourse just north of Hostos Community College in the Melrose Section of the Bronx. This bridge will complete a link the street lost in the early 1980's when the old turn-of-the-century bridge was closed and demolished because of its age and deterioration. Construction of the new bridge is tentatively scheduled to begin in 2003 and be completed in 2005.

### **GUY BREWER BOULEVARD OVER THE BELT SYSTEM – SOUTHERN PARKWAY (QUEENS)**

The Division plans to reconstruct this bridge in a single stage with full bridge closure. This will reduce the construction time from 24 months to 12 months.

## *INNOVATIONS & ACCOMPLISHMENTS*

### ***Design-Build***

In 2000 the Department continued to use the Design-Build process to expedite capital bridge rehabilitation. These contracts retain the same company for both design and construction on selected projects. It is evident that there are many advantages to the Design-Build program, including the use of one consolidated procurement rather than two or more, resulting in significant time savings; the ability to commence construction before design completion; the avoidance of project escalation costs as construction commences two or three years earlier than with the conventional design-bid-build method; minimization of design change orders; and better coordination between design and construction, as critical field issues are addressed expeditiously. In addition, the design is custom made and reflects the capabilities and strength of the specific contractor; the Department establishes a single point of contact for communicating its goals and objectives; and overall costs are reduced substantially.

### **THIRD AVENUE AND RIDGE BOULEVARD BRIDGES OVER SHORE ROAD DRIVE (BROOKLYN)**

This \$7 million project rehabilitates the two masonry arch bridges over Shore Road Drive in Brooklyn. The contractor began construction work in April 2000. The local community board approved an accelerated schedule, shutting down both bridges, and thus a one-year, rather than two-year, construction project. Traffic was accommodated by providing a temporary road through parkland and by reversing the entrance ramp to the Belt Parkway. The erection of arches underneath the truss used to support the utilities was innovative and expedited the project. Another innovation was designing around the existing scroll monuments at Ridge Boulevard and cleaning them in place, thus eliminating the need to remove, clean, and reinstall them. In addition, the decision to use form liners rather than stone veneer resulted in a \$150,000 savings, while providing for a safer structure. Erection of the superstructure was completed in Fall 2000. Both bridges will be open to traffic simultaneously by March 2001.

### **BELT PARKWAY BRIDGE OVER OCEAN PARKWAY (BROOKLYN)**

This \$58 million project involves the replacement of the Belt Parkway Bridge over Ocean Parkway, reconfiguration of the interchange, roadway work on approximately a mile of the Belt Parkway, and roadway and associated landscaping work on Ocean Parkway from approximately Avenue Z to West End Avenue.

The bridge needs to be replaced because of its deteriorating condition. Replacement of the bridge cannot be done without affecting the already substandard ramps. This necessitated the re-design of the entire interchange and the associated work on Belt Parkway and on Ocean Parkway.

The Belt Parkway is a significant corridor of the Regional Transportation System with daily volumes of 166,000 vehicles. Coupled with the rapid deterioration of the bridge, the possibility of closure, and our concern for public safety, the New York State Department of Transportation (NYSDOT) requested NYCDOT to procure this project using Design/Build. As a result of this method, NYCDOT plans to commence construction in the spring of 2002. NYSDOT will act as the Federal Highway Administration's representative. The project is scheduled to be 80% federally funded since it involves this significant corridor of the Belt Parkway, as well as the Historic Ocean Parkway, which was the first parkway of its kind in the United States. It will be part of the Special Experimental Project No. 14 Program, a Federal Program that allows innovative contracting practices to be used.

## *INNOVATIONS & ACCOMPLISHMENTS*

NYCDOT and NYSDOT studied various plans for the new interchange configuration and concluded that the Modified Tight Diamond Alternative is the preferred one. The proposed interchange geometry as well as many technical data and the environmental report were included in the RFP for proposers to consider in their designs.

Three of the six traffic lanes will be maintained in each direction during all stages of construction. The project is scheduled for completion in August 2003.

### **BROOKLYN BRIDGE DECK REPLACEMENT**

In 1998, the Design Build/Emergency Contracts Section faced a major challenge at the Brooklyn Bridge. During a scheduled overlay replacement of the Brooklyn Bridge, it became apparent that the deck's 50-year-old concrete filled grid deck was failing due to age and that the grid system itself was severely corroded. The estimated life of the existing grid system with the overlay was, at most, one year. A conventional procurement utilizing separate solicitation for a design contract and a construction contract would start construction in 27 months. An Emergency Design/Build procurement could start field construction in seven months. The Department selected ten firms with relevant experience (five consultants and five contractors) to form Design/Build teams and submit bids.

The winning team started the one-year, \$34 million contract in October 1998. The contract work was completed in 2000. The scope of this contract included the replacement of the roadway deck and supporting stringers, and the repair of cracks in the floor beams. Additional floor beam defects found during the 2000 biennial inspection were also repaired.

To minimize the number of nighttime closures, the contract stipulated that the work was to be completed in a maximum of 150 nights, and incorporated incentive/disincentive clauses, including severe penalties for each minute of closure beyond 6 AM. By using multiple crews and well-planned preparatory work, the contractor was able to complete the replacement of 210,000 square feet of deck area more than 20 nights ahead of schedule, in December 1999, with no instances of closures going beyond 6 AM. The contractor will receive a \$900,000 incentive payment for minimizing the night closures. Road paving, which is a temperature-sensitive operation, was completed in August 2000. Defects were found in the Manhattan-bound roadway, which required additional remediation. In June 2000 the contract was extended to include additional repairs and all work was completed by October 30, 2000.

The new deck can be expected to last for several decades.

### ***Engineering Review and Support***

#### **SUPERSIZED LOADS**

The weight and frequency of very heavy loads traveling over the City's bridges and roadways have taken a toll on the bridges' infrastructure. The Engineering Review Section is very involved in reviewing the requests for issuing permits for these vehicles. The Division continues to investigate the permit procedures used by other States and agencies. NYSDOT has recently hired a consultant to develop a computerized Automated Overweight Permitting Program for use of the State-owned bridges. DOT has requested that the State expand the scope of the consultant's services to include the City-owned bridges in its program.

## *INNOVATIONS & ACCOMPLISHMENTS*

### **RETAINING WALL STUDY**

The purpose of this study, begun in 1999, was to identify, locate, determine ownership, and make condition assessments of the retaining walls under the City's jurisdiction, and to inventory the retaining walls associated with the arterial highways and streets within the City's five boroughs, as well as the retaining walls associated with the 759 City-owned bridges. A computerized database with a GIS link was developed. By the end of 2000, 99% of the retaining walls were identified, and 99% of the field surveys were complete. A WIN (Wall Identification Number) system is now awaiting final approval from the State. The project will be officially complete in early 2001.

### **CONVERSION OF CONTRACT DRAWINGS**

In 2000, the Division completed its conversion of original bridge contract drawings to microfilm and compact disc. Approximately 16,000 contract drawings that were being damaged by the temperature and humidity of their storage area were filmed, indexed, scanned and transferred onto microfilm and CD. This program will enhance the Department's ability to store, retrieve, display, and reproduce large amounts of data in a convenient format. All future bridge rehabilitation plans will include submissions on CDs.

### **MARINE BORER STUDY**

The Department is conducting a study to assess the existing damage caused by marine borers as well as the potential for future damage at several waterfront structures, including the supporting structures of the relieving platforms along the FDR and Harlem River Drives, and the timber piles and structures of the Carroll Street and Ocean Avenue bridges in Brooklyn. The preliminary design phase began in October 1999. The underwater inspection of timber piles supporting the FDR Drive began on May 8, 2000. After the type and extent of the marine borer infestation is known, plans will be made to develop and implement repairs and remediation measures to protect the structures from attack. The inspections were completed in October 2000, and the Marine Borer Evaluation Report is scheduled for publication in April 2001.

### **TRUMP/NEW WORLD PROJECT**

The Trump/New World project (Riverside Drive between 59<sup>th</sup> and 72<sup>nd</sup> Streets) includes the construction of six new bridges, a ramp, and connector roads along Riverside Drive as a part of the residential and commercial development in the former Penn Central Rail Yard. When completed, the infrastructure network will be transferred to DOT for maintenance. The Division is providing engineering reviews of the design drawings, as well as quality assurance inspections, to ensure the developer's compliance with DOT's construction and design standards. The project is now 40 percent complete.

### ***Bridge Maintenance, Inspection and Operations.***

### **EAST RIVER BRIDGES ANTI-ICING PROGRAM**

As part of an expanding Anti-Icing program on the East River Bridges, during the winter of 1999-2000 a total of 35,000 gallons of anti-icing chemicals - potassium acetate and IceBan® - was sprayed on selected roadways of all four bridges. Treatment of these roadways was conducted

## *INNOVATIONS & ACCOMPLISHMENTS*

utilizing spray trucks and a Fixed Anti-icing Spraying Technology (FAST) system, installed on a portion of the Brooklyn Bridge South Roadway in 1997.

Evaluation of the eleven weather events during the season in which anti-icing techniques were utilized with spray trucks was performed by the Research and Development Unit and the Preventive Maintenance Unit.

Comparative analysis of the roadways treated with the selected chemicals indicated that the effectiveness of the respective chemicals is promising and the program is a qualified success.

The results also indicate that the Division's development and use of a FAST system is cost effective, and enhances motorist safety through the timely and rapid application of potassium acetate to the bridges' roadway surface.

Consequently, combining the use of anti-icing techniques and the use of non-corrosive chemicals on the East River Bridges has resulted in the purchase, and installation, of ten spray trucks and storage tanks. The widespread use of these techniques will serve to reduce the negative aspects associated with the use of chloride salts on the newly rehabilitated roadways of the East River Bridges, while keeping the bridges' roadways safe for the traveling public.

In addition, the Division plans to install a Road Weather Information System (RWIS) with atmospheric and pavement sensors to detect and monitor winter weather conditions on the roadways of the Brooklyn Bridge. A microwave communication link to the RWIS will be installed to distribute RWIS data and transmit video signals across the Internet.

### **BROOKLYN BRIDGE PROMENADE**

The replacement of the Brooklyn Bridge promenade deck and stringers by Division personnel was completed in December 2000. The temporary footbridge, which had been built several years earlier and maintained throughout the project, was removed. The replacement of the deteriorated sections of promenade railing with identical replicas of the existing steel will continue through Fall 2001. Virtually all of the work is done from the promenade, closing the left roadway lane as little as possible.

### **INSPECTIONS**

In 2000, Inspections covered 84 bridges and 674 spans. Emphasis was placed on ensuring public safety through the monitoring of potentially hazardous conditions and temporary repairs. The unit performed 469 monitoring inspections, and 561 special winter monitoring inspections of cellular structures, shorings, and potential fire hazards.

In 1995 the Department initiated a new program to equip all bridge inspectors with hand-held computers. The inspectors input the inspection results onto the computers from the field; the data is downloaded into an office computer. In January 2000 DOT replaced the software and hardware to include a digital photography feature, reducing the need for film development and enabling photographs to be sent electronically from the field to the office.

The Bridge Management Unit is currently preparing the scope of work for the expansion of its highly successful Bridge Inspection System (BIS). The BIS is an electronic data collection system that allows inspectors to prepare the entire inspection report at the bridge site and save it in an electronic format. The redesigned BIS system will be expanded to include in-depth inspection by consultants (these inspections are performed prior to a bridge's rehabilitation). The system may eventually be expanded to include the inspection of the East River Bridges. When the program is complete, all inspection reports will then be available over the agency's network.

# INNOVATIONS & ACCOMPLISHMENTS

## **CLEANING**

In 2000, 13,200 cubic yards of debris were removed from bridges and their surrounding areas, including 951 fire hazard conditions. In addition, workers cleaned 1,279 drains.

## **GRAFFITI REMOVAL**

In 2000, 6,579,000 square feet of graffiti were eliminated. This program focuses its primary attention on the four East River bridges, as well as the following 21 arterial highways: Clearview Expressway, Gowanus Expressway, Major Deegan Expressway, Harlem River Drive, Van Wyck Expressway, Brooklyn-Queens Expressway, Jackie Robinson Parkway, Sheridan Expressway, Hutchinson River Parkway, Henry Hudson Parkway, West Shore Expressway, Richmond Parkway, Martin Luther King Jr. Expressway, Staten Island Expressway, Bruckner Expressway, Prospect Expressway, Grand Central Parkway, Long Island Expressway, Cross Bronx Expressway, Nassau Expressway, and Bronx River Parkway.

During 2000 graffiti was also removed from the following structures: OPSAIL 2000 – Various locations along the East River, New York City Marathon Route, Shea Stadium, 84<sup>th</sup> Street in Howard Beach, West 158<sup>th</sup> Street, Riverdale Avenue, Knapp Street, Jerome Avenue, Randall's Island, Queens Boulevard, Mosholu Parkway, Ocean Parkway, Steps at West 231<sup>st</sup> and 232<sup>nd</sup> Streets, 39<sup>th</sup> Street and Northern Boulevard, 137<sup>th</sup> Street, 191<sup>st</sup> Street Tunnel, 215<sup>th</sup> Street, Roosevelt Avenue Bridge/Van Wyck Expressway, Cooper Avenue, Woodhaven Boulevard and Elliot Avenue, Third Avenue Bridge, West 176<sup>th</sup> Street and Haven Avenue, Riverdale Avenue from 231<sup>st</sup> to 236<sup>th</sup> Streets, 125<sup>th</sup> Street, Second Avenue, 59<sup>th</sup> Street and York Avenue, 62<sup>nd</sup> Street from First to Second Avenues, Flushing Avenue, 7<sup>th</sup> Avenue from 33<sup>rd</sup> to 34<sup>th</sup> Streets, 207<sup>th</sup> Street, Livonia Avenue Pedestrian Bridge, and Various DOT facilities citywide.

## **RESEARCH AND PRESENTATIONS**

In 2000, research work of the Division was presented in the following proceedings:

The 2000 Transportation Research Board Annual Meeting, Washington, D.C., 10 January 2000.

The 4<sup>th</sup> International Bridge Management Conference, Surrey, United Kingdom, 20 April 2000.

United States – Japan Bridge Management Workshop, Honolulu, Hawaii, 4 – 8 July 2000.

The 17<sup>th</sup> International Bridge Conference, Pittsburgh, Pennsylvania, 12 – 14 June 2000. Four Division engineers attended. This is the largest annual bridge conference held in the country. The NYC DOT representatives gave three presentations: namely, the Brooklyn Bridge re-decking project, the Manhattan Bridge reconstruction program, and our Movable Bridge reconstruction program.

The 2000 International Bridge Engineering Association, Lucerne, Switzerland, 18 September 2000.

The Municipal Engineers Millennium Edition, November 2000 Volume.

In September 2000, Dr. Yanev, Director of Inspections, Research and Development, lectured in person on non-destructive testing of structures at the Universities of Weimar and Biberach, Germany, and addressed the Paris Department of Water Supply on the same topic on-line.

## Appendix A

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### BRIDGE CAPITAL PROGRAM

**East River Bridge Rehabilitation Plans** **A-1**

**Bridges Under Construction** **A-2**

**Component Rehabilitation** **A-3**

**Bridges Under Design** **A-4**

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<b>MANHATTAN BRIDGE</b>	
REHABILITATION ITEMS	
TOTAL ESTIMATED COST	
	Est. Cost (\$ in millions)
• Repair floor beams. (1982)	0.70*
• Replace inspection platforms, subway stringers on approach spans. (1992)	6.30*
• Install truss supports on suspended spans (1985)	0.50*
• Partial rehabilitation of walkway. (1989)	3.00*
• Rehabilitate truss hangers on east side of bridge. (1989)	0.70*
• Install anti-torsional fix (side spans) and rehabilitate upper roadway decks on approach spans on east side; replace drainage system on approach spans, install new lighting on entire upper roadways east side, including purchase of fabricated material for west side of bridge. (1989)	40.30*
• Eyebar rehabilitation - Manhattan anchorage Chamber "C". (1992)	12.20*
• Replacement of maintenance platform in the suspended span. (1996)	4.27*
• Reconstruct maintenance inspection platforms, including new rail and hanger systems and new electrical and mechanical systems; over 2,000 interim repairs to structural steel support system of lower roadway for future functioning of roadway as a detour during later construction contracts. (1997)	23.50*
• Install anti-torsional fix on west side (main and side spans); west upper roadway decks, replace drainage systems on west suspended and approach spans; walkway rehabilitation (install fencing, new lighting on west upper roadways and walkways); rehabilitate cables in both Brooklyn and Manhattan anchorage chambers; dehumidify Brooklyn and Manhattan anchorages.(1993)	96.90**
• Installation of test panels. (1985)	1.55****
• Removal of existing suspender ropes and sockets in the suspended spans; replacement with new suspender ropes and sockets in the suspended spans and re-tensioning of suspender ropes bearing plates; re-tensioning of cable band bolts; removal of existing main cable wrapping; cleaning of main cables; application of new protective paste on main cables; replacement of new main cable wrapping; reinforcement of truss verticals and gusset plates. (1987)	70.00***
• Interim Steel Rehabilitation and Painting - cable and saddle repairs lower roadway floorbeams @PP 37/38 on approaches and at anchorages; west side truss rockers and grillages on approaches; cable and suspender repairs. Removal of parking desk. Painting entire west side, all four cables. (1997)	124.10**

**MANHATTAN BRIDGE**  
**REHABILITATION ITEMS**  
**TOTAL ESTIMATED COST**

	Est. Cost (\$ in millions)
<ul style="list-style-type: none"> <li>• Stiffening of Main Span; Reconstruction of North Subway framing; reconstruction of North upper roadway deck at suspended spans; rehabilitation of north approach span trusses; replace overlay on north upper roadway approach spans; rehabilitation of north elevated structures and subway tunnels; removal of railing on truss "D" in the north spans; painting of north side of bridge; new inspection platforms and debris protection in approach spans; construction of new north bikeway, replacement of approach span bearings and grillages; installation of Intelligent Vehicle Highway System for North and South Upper Roadways as well as for Lower Roadway.(Present)</li> </ul>	175.38***
<ul style="list-style-type: none"> <li>• Rehabilitation of Lower Roadway; rehabilitation of anchorage roofs under lower roadway; rehabilitation of substructures and retaining walls in Brooklyn and Manhattan approaches; installation of new signage on bridge and at plaza areas; installation of new lighting on lower roadway and plaza areas; clean and paint lower roadway; installation of grating platform under towers at lower roadway; canopy lighting at towers. (Present)</li> </ul>	117.00***
<ul style="list-style-type: none"> <li>• Seismic Retrofit</li> </ul>	15.00***
<b>TOTAL: \$ 691.40</b>	

- \* Construction Complete
- \*\* In Construction
- \*\*\* In Design
- \*\*\*\* Research and Development (completed)

**QUEENSBORO BRIDGE**  
**REHABILITATION ITEMS**  
**TOTAL ESTIMATED COST**

	Est. Cost (\$ in millions)
• Repair lower outer roadways / reconstruct two ramps in lower Queens (1984)	18.80*
• Reconstruct south upper roadway, replace inspection platforms, lighting (1986)	31.50*
• Interim rehabilitation, contracts A, B, & C (repairs to lower deck and main bridge approaches). (1985)	2.80*
• Interim rehabilitation, contract D (repairs to lower deck, main bridge, and new median barrier). (1988)	3.00*
• Reconstruct north upper roadway and Queens approaches A & B, rehabilitate bearings at Queens approach. (1989)	50.00*
• Reconstruct ramps C & D (Queensboro only, not Thompson Ave.) (1988)	10.40*
• Rehabilitate bridge bearings, pier tops, and truss lower chords. (1989)	18.00*
• Rehabilitate Queens approach trusses, lower inner roadways on the main span and approaches. (1996)	172.00*
• Rehabilitate lower outer roadways main span and approaches, (bikeway) cleaning and painting. (In Progress)	161.40**
• Cleaning and painting main bridge upper trusses. (In Progress)	63.00***
• Miscellaneous Items (In Progress)	24.00***
• Seismic Retrofit	15.00***
<b>TOTAL: \$ 569.90</b>	

\* Construction Complete

\*\* In Construction

\*\*\* In Design

**WILLIAMSBURG BRIDGE**  
**REHABILITATION ITEMS**  
**TOTAL ESTIMATED COST**

	Est. Cost (\$ in millions)
• Replace main span outer roadway. (1983)	11.20*
• Replace one third of suspenders. (1984)	3.20*
• Repair pier 20E foundation, and replace bulkhead. (1986)	2.30*
• Paint side spans and towers. (1985)	1.10*
• Paint main and approach spans. (1989)	4.24*
• Emergency interim repairs. (1989)	10.00*
• Install temporary hand-rope system on main cables. (1990)	0.63*
• Main cable preservation (field test - oiling). (1991)	0.44*
• Main cable strand splicing at Manhattan anchorage. (1991)	0.29*
• Interim pedestrian walkway. (1994)	1.05*
• Component repairs of flag conditions on the north outer roadway and north inner roadway. (1994)	4.12*
• Rehabilitate main cables and new redundant suspender system. (1996)	74.00*
• Demolish existing building under approaches. (1993)	1.50*
• Testing Program for bored-in piles. (1993)	0.74*
• Demolish DOS and DOH buildings, replace entire south outer roadway approach structures, rehabilitate south outer roadway deck and south inner roadway deck of the main bridge, and replace south inner roadway substructure of the approaches. (1998)	155.00*

**WILLIAMSBURG BRIDGE**  
**REHABILITATION ITEMS**  
**TOTAL ESTIMATED COST**

	Est. Cost (\$ in millions)
• Portion of Contract #6 BMT track structure work transferred to ongoing Contract #5 south approach roadway reconstruction work. (1998)	65.00*
• Paint main and intermediate towers. (In Progress)	7.40 (1)
• Reconstruct BMT Subway structure; install new signals, tracks and communication system. (In Progress)	130.00**
• Miscellaneous rehabilitation work: rehabilitation of towers, replace bearings, travelers, architectural work, painting, suspender adjustment, tower jacking, construction of colonnades.	95.00***
• Replace north approach structures (Manhattan / Brooklyn), rehabilitate north half of bridge and paint the main bridge. (In Progress)	202.80**
• Seismic Retrofit	20.00***
	<b>TOTAL: \$ 790.01</b>

\* Construction Complete

\*\* In Construction

\*\*\* In Design

(1) Painting suspended in 1996 pending publication of Environmental Impact Statement (EIS) in 1998. Painting resumed under a new schedule in 1999 and is expected to be completed in 2001.

**BROOKLYN BRIDGE**  
**REHABILITATION ITEMS**  
**TOTAL ESTIMATED COST**

	Est. Cost (\$ in millions)
• Brooklyn Tower protection and new sign gantries. (1981)	2.72*
• Rehabilitate promenade between towers. (1983)	0.94*
• Rehabilitate cables in anchorage and replace short rod suspenders; rehabilitate balance of promenade and construct bikeway and new pedestrian ramp. (1988)	22.68*
• Rehabilitate and paint York, Main, William and Prospect Street structures and main bridge roadway deck overlay. (1988)	6.21*
• Replace suspenders, cable posts, stay cables, hand-rope necklace lights, main cable wrapping; paint suspended spans. (1991)	53.57*
• Rehabilitate ramp E. concrete piers of ramp C and abutment at ramps C & I, and rehabilitate Sands and Washington Street structures in Brooklyn. (1991)	4.73*
• Rehabilitate ramp D and H in Manhattan; permanent improvement of promenade at Manhattan approach. (1993)	17.92*
• Rehabilitate floor systems, stiffening trusses, roadways of suspended spans and Franklin Square trusses. (1994)	66.30*
• Rehabilitate Manhattan traveler (electrical work). (1997)	1.83*
• Rehabilitate ramp D and widening along the FDR Drive. (1996)	11.39*
• Arch supports for Franklin Square truss structure.	7.50*
• Replacement of Suspended Span Deck (2000)	33.8*
• Resurfacing of the main spans (1998)	6.67*

**BROOKLYN BRIDGE**  
**REHABILITATION ITEMS**  
**TOTAL ESTIMATED COST**

	Est. Cost (\$ in millions)
• Rehabilitate Brooklyn approach & ramps (B, S, F) and Rehabilitate Manhattan approaches and remaining ramps (A,B,C,F,G,I,J). (In Progress)	115.00***
• Painting	50.00***
• Seismic Retrofit	15.00***
	<b>TOTAL: \$ 416.26</b>

- \* Construction Complete
- \*\* Design-Build Contract in Progress
- \*\*\* In Design
- \*\*\*\* In Construction

**BRIDGES UNDER CONSTRUCTION**

CALENDAR YEAR 2000

**CONTRACT # BRIDGE**

HBXC007	East 178 <sup>th</sup> Street Pedestrian Bridge over Metro North RR
HBXC011	Reconstruction of Gun Hill Road over NYCT-Dyre Avenue
HBX526	Rehabilitation of Bedford Park Boulevard & West 20 <sup>th</sup> Street Bridges over NYCT Yards
HBK549R	Rehabilitation of 4 <sup>th</sup> Avenue Bridge over NYCT BMT Tracks
HBK1021	Reconstruction of Coney Island Avenue Bridge over BSHP
HBK1022	Reconstruction of Flatbush Avenue Bridge over BSHP
HBK1048	Reconstruction of 8 <sup>th</sup> Avenue Bridge over LIRR & Sea Beach
HBK1049	Reconstruction of New Utrecht Avenue Bridge over LIRR Bay Ridge
HBK1099	Reconstruction of 6 <sup>th</sup> Avenue Bridge over LIRR & Sea Beach
HBQC030	Rehabilitation of Forest Park Drive Bridge over LIRR
HBQ432A	Reconstruction of Honeywell Street Bridge over Amtrak and LIRR Yard
HBQ448	Reconstruction of Queens Boulevard Bridge over Amtrak and LIRR Yard
HBQ655	Rehabilitation of Forest Park Drive Bridge over Abandoned LIRR
HBQ1073	Reconstruction of Northern Boulevard Bridge over Cross Island Parkway
HBQ1076	Reconstruction of 65 <sup>th</sup> Street Bridge over LIRR
HBQ1109	Rehabilitation of Forest Park Drive Bridge over Myrtle Avenue
HBR657	Reconstruction of South Avenue Bridge over B&O Railroad
HBR659	Hylan Boulevard Bridge over Lemon Creek
HBR1108	Reconstruction of Greaves Avenue Bridge (Great Kill Road) over SIRT
BRC231B	Queensboro Bridge - Lower Outer Roadways
BRC253B	Williamsburg Bridge – Reconstruction of South Roadways
BRC253BB	Williamsburg Bridge – Reconstruction of BMT Subway Structure
BRC253C	Williamsburg Bridge – Reconstruction of North Roadways
BRC270H	Emergency Design Build of suspended span deck replacement - Brooklyn Bridge
BRC291	Reconstruction of 9th Street Bridge over Gowanus Canal
BRC1568C	Manhattan Bridge Painting and Interim Rehabilitation
BRX287R	Rehabilitation of Macombs Dam Bridge over Harlem River
HBMC023	Rehabilitation of electrical/mechanical components for First Avenue Tunnel, Park Avenue Tunnel, and Battery Park Underpass
HBX644-R	Rehabilitation of Madison Avenue Bridge over the Harlem River
HBK1051	Reconstruction of Ridge Boulevard Bridge over Shore Road Drive
HBK1052	Reconstruction of 3 <sup>rd</sup> Avenue Bridge over Shore Road Drive

## BRIDGE CONSTRUCTION

*Projects Completed in Calendar Year 2000*

CONTRACT #	BRIDGE
HBXC011	Reconstruction of Gun Hill Road Bridge over NYCT-Dyre Avenue
HBX647	Reconstruction of Lafayette Avenue Bridge over Amtrak and Conrail
HBX1041	Reconstruction of Bruckner Boulevard Bridge Over Conrail
HBQC030	Rehabilitation of Forest Park Drive Bridge over LIRR
HBX1105	Reconstruction of Jerome Avenue over Mosholu Parkway
HBQ655	Rehabilitation of Forest Park Drive Bridge over Abandoned LIRR
HBQ1073	Reconstruction of Northern Boulevard Bridge over Cross Island Parkway
HBQ1109	Rehabilitation of Forest Park Drive Bridge over Myrtle Avenue
HBM1102	Reconstruction of ramp to George Washington Bridge opposite West 171 <sup>st</sup> Street over Riverside Drive
HBK537	11 <sup>th</sup> Avenue over LIRR
HBK541	Bay Parkway over NYCT
HBK1001	16 <sup>th</sup> Avenue over LIRR
BRC253BB	Williamsburg Bridge Contract #6
BRC270H	Emergency Design-Build of suspended deck replacement (Brooklyn Bridge)
HBCDB98B	(Empire) Flatbush Avenue and St. John's Place over Franklin Ave. Shuttle

### Component Rehabilitation

The following table illustrates the program's performance over the last eight years:

	FY 93	FY 94	FY 95	FY 96	FY 97	FY 98	FY 99	FY 00
Number of Bridges	29	20	35	13	30	13	21	24
Construction Cost	\$29.2 M	\$19.1 M	\$18.9 M	\$8.7 M	\$15.9 M	\$8.8 M	\$15.7 M	\$5.26 M

Two contracts were bid during the 2000 calendar year, covering 16 bridges.

In 2000, work was completed at the following bridges, in the indicated boroughs, at the final cost shown, in millions:

Eagle Avenue/East 161 <sup>st</sup> Street (BX)	\$ 1.139
Hutchinson River Parkway/Amtrak (BX)	\$ 0.105
West 8 <sup>th</sup> Street Pedestrian Bridge/Surf Avenue (K)	\$ 0.631
Test Pits for Liberty Avenue, Sutter Avenue, & Glenmore Avenue/LIRR Bay Ridge	\$ 0.067
Ramp to Belt Parkway from Cropsey Avenue (K)	\$ 1.303
Wall Repair to Ramp to GW Bridge opposite West 171 <sup>st</sup> Street /Riverside Drive (M)	\$ 0.067
Roosevelt Avenue/VWE & Flushing River (Q)	\$ 1.273
45 <sup>th</sup> Street/Conrail (Q)	\$ 0.300
67 <sup>th</sup> Avenue Pedestrian Bridge/LIRR (Q)	\$ 0.250
<b>TOTAL</b>	<b><u>\$ 5.135 M</u></b>

During calendar year 2000, work commenced at the following bridges:

Walton Avenue/Metro North (BX)
Willis Avenue/Harlem River (BX/M)
Ramp to Belt Parkway from Cropsey Avenue (K)
Ocean Parkway/LIRR Bay Ridge (K)
Test Pits for Liberty Avenue, Sutter Avenue, & Glenmore Avenue/LIRR Bay Ridge (K)
West 8 <sup>th</sup> Street Pedestrian Bridge/Surf Avenue (K)
Wall Repair to Ramp to GW Bridge opposite West 171 <sup>st</sup> Street /Riverside Drive (M)
Martling Avenue/Richmond Lake Dam (R)
New Dorp Lane/SIRT (R)

### Component Rehabilitation

There are no projects 'still under construction' since the 1999 *Annual Report* was issued.

27 component rehabilitation projects are slated to continue, commence or be completed in the 2001 calendar year. They are:

- Bronx Boulevard N.B./Bronx River (BX)
- Bronx Boulevard S.B./Bronx River (BX)
- East Tremont Avenue/HRP (BX)
- Fieldston Road/HHP (BX)
- Grand Concourse/East 170<sup>th</sup> Street (BX)
- Riverdale Avenue/HHP (BX)
- Walton Avenue/Metro North (BX)
- 246<sup>th</sup> Street/HHP (BX)
- Broadway/Harlem River (BX/M)
- Willis Avenue/Harlem River (BX/M)
- Ocean Parkway/LIRR Bay Ridge (K)
- 6<sup>th</sup> Avenue/LIRR Atlantic Avenue (K)
- Corbin Place Overpass/Corbin Place (M)
- Fort Tyrone Place/Entrance from Riverside Drive (M)
- HHP/Pedestrian Underpass at West 148<sup>th</sup> Street (M)
- Isham Park Road/Harlem River Inlet (M)
- Pedestrian Tunnel under Broadway (M)
- Riverside Drive/West 96<sup>th</sup> Street (M)
- Tudor City Place/East 42<sup>nd</sup> Street (M)
- West 45<sup>th</sup> Street/Amtrak Westside Connection (M)
- Cypress Hills Cemetery Road (E)/JRP (Q)
- Cypress Hills Cemetery Road (W)/JRP (Q)
- Myrtle Avenue/Jackie Robinson Pkwy. (Q)
- Huguenot Avenue/SIRT (R)
- Martling Avenue/Richmond Lake Dam (R)
- McClellan Avenue/B&O RR (Abandoned) (R)
- New Dorp Lane/SIRT (R)

## BRIDGES UNDER DESIGN BY NEW YORK CITY

BIN NO.	CAPIS NO.	FEATURE CARRIED	FEATURE CROSSED	FY CNST	PHASE	BORO
2229520	HBCREPL97	FIELDSTON RD	HHP	2001	FD	B
2241840	HBCREPL98B	BEDFORD PARK BLVD	METRO NORTH RR	2001	PD	B
2075820	HBCREPL98B	E. TREMONT AVE	HRP	2001	PD	B
2242300	HBCREPL98B	GRAND CONCOURSE	E. 170 <sup>th</sup> ST.	2001	PD	B
2242329	HBCREPL98B	GRAND CONCOURSE	E. 175 <sup>th</sup> ST.	2001	PD	B
2229510	HBCREPL98B	RIVERDALE AVE	HHP	2001	PD	B
2241040	HBCREPL98B	3 <sup>RD</sup> AVE	CONRAIL PORT MORRIS	2001	PD	B
2241560	HBCREPL98B	E 149 <sup>TH</sup> ST	METRO NORTH RR	2001	PD	B
2241010	HBCREPL98B	E 156 <sup>TH</sup> ST	CONRAIL PORT MORRIS	2001	PD	B
2241660	HBCREPL98B	E 168 <sup>TH</sup> ST	METRO NORTH RR	2001	PD	B
2241720	HBCREPL98B	E 173 <sup>RD</sup> ST	METRO NORTH RR	2001	PD	B
1067150	HBCREPL98B	E 238 <sup>TH</sup> ST	BRP & METRO NORTH	2001	PD	B
2229490	HBCREPL98B	W 246 <sup>TH</sup> ST	HHP	2001	PD	B
2242071	HBCREPL99A	BRONX BLVD SB	BRONX RIVER	2002	PD	B
2242072	HBCREPL99A	BRONX BLVD NB	BRONX RIVER	2002	PD	B
2241330	HBCREPL99A	UNION PORT RD	AMTRAK & CONRAIL	2002	PD	B
2241129	HBCREPL99A	E 149 <sup>TH</sup> ST	AMTRAK	2002	PD	B
2241850	HBXC023	WOODLAWN ROAD	METRO NORTH RR HAR	2005	PD	B
2241570	HBX199	E 153RD ST.	CONRAIL MN/RR	2003	PD	B
2240069	HBX663	THIRD AVE BRIDGE	HARLEM RIVER	2002	FD	BM
224006A	HBX663	TO BRUCKNER BLVD (THIRD)	RELIEF	2002	FD	B
2240089	HBX1029	145TH ST BRIDGE	HARLEM RIVER	2003	FD	BM
2241760	HBX1030	E TREMONT AVE	METRO NORTH RR HAR	2001	FD	B
2075837	HBX1086	WESTCHESTER AVENUE	HRP	2003	FD	B
2241590	HBX1103	CONCOURSE VILL AVE	METRO NORTH RR HAR	2002	FD	B
2242259	HBX1104	GRAND CONCOURSE	E 161ST ST	2003	FD	B
2241020	HBX1106	E 161ST STREET	CONRAIL PT MORRIS	2001	FD	B
2075849	HBX1127	BRONX PELHAM PKWY	HUTCHINSON RVR PKWY	2003	PD	B
1066510	HBX1131	BRUCKNER EXP.	WESTCHESTER CREEK	2004	PD	B
2241800	HBX1139	E 183RD ST	METRO NORTH RR HAR	2002	FD	B
2240200	HBX1148	SHORE ROAD (REHAB)	HUTCHINSON RIVER	2001	FD	B
NEW						
2240200	HBX1148B	SHORE ROAD (NEW)	HUTCHINSON RIVER	2004	PD	B
2241210	HBX1152	BRYANT AVE	AMTRAK	2004	PD	B
2229480	HBX1155	MANHATTAN COLL PKWY	HHP	2003	FD	B
2229470	HBX1156	W 239TH ST	HHP	2003	FD	B
2229500	HBX1157	W 252ND ST	HHP	2003	FD	B
2229450	HBX1158	W 232ND ST	HHP	2003	FD	B
2241710	HBX1160	CLAREMONT PKWY	METRO NORTH RR HAR	2004	PD	B
2241860	HBX1163	GUN HILL RD	METRO NORTH RR HAR	2003	PD	B
2240210	HBX1164	CITY ISLAND ROAD	EASTCHESTER BAY	2003	PD	B
2241810	HBX1172	E 188TH ST	METRO NORTH RR HAR	2004	PD	B
2241409	HBX1190	GRAND CONCOURSE	METRO NORTH RR HUD	2005	PD	B
2242319	HBX1191	GRAND CONCOURSE	E 174 <sup>TH</sup> ST	2005	PD	B
2241390	HBX1195	SHORE RD CIRCLE	AMTRAK	2002	FD	B
2240137	HBCREPL97	BROADWAY	HARLEM RIVER	2001	FD	BM
2240079	UNASSIGNED	MADISON AVE	HARLEM RIVER	2006	DB	BM

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## BRIDGES UNDER DESIGN BY NEW YORK CITY

BIN NO.	CAPIS NO.	FEATURE CARRIED	FEATURE CROSSED	FY CNST	PHASE	BORO
2240027	BRC156A	MANHATTAN BRIDGE (LL)	EAST RIVER	2004	FD	KM
2240027	BRC156C	MANHATTAN BRIDGE (LL)	EAST RIVER	2001	FD	KM
2240027	BRC156R	MANHATTAN BRIDGE (LL)	EAST RIVER	2006	PD	KM
2240028	BRC156C	MANHATTAN BRIDGE (UL)	NYCTA TRACKS-BMT	2001	FD	KM
2240028	BRC156R	MANHATTAN BRIDGE (UL)	NYCTA TRACKS-BMT	2006	PD	KM
2240039	BRC253CC	WILLIAMSBURG BRIDGE	EAST RIVER	2003	FD	KM
2240019	BRC270C	BROOKLYN BRIDGE	2781 (B.Q.E.)	2005	FD	KM
2240019	BRC270T	BROOKLYN BRIDGE	2781 (B.Q.E.)	2004	FD	KM
2240310	HBCREPL99A	3 <sup>RD</sup> AVE	GOWANUS CANAL	2003	PD	K
2247500	HBCREPL99B	METROPOLITAN AVE	CONRAIL	2003	PD	K
2231419	HBCREPL99B	BSHP	OCEAN AVENUE	2003	PD	K
2243480	HBCREPL99B	OCEAN AVE	LIRR	2004	PD	K
2243860	HBKC047	GLENMORE AVE	LIRR BAY RIDGE	2002	FD	K
2243420	HBKC059	E 3RD ST	LIRR BAY RIDGE	2002	FD	K
2243710	HBKC062	19TH AVE	BMT SEA BEACH	2003	FD	K
2243390	HBKC063	52ND ST	LIRR BAY RIDGE	2002	FD	K
2243100	HBKC064	BEVERLY ROAD	BMT SUBWAY, BRIGHTON	2003	PD	K
2243010	HBKC065	LINCOLN ROAD	BMT SUBWAY, BRIGHTON	2003	FD	K
2243020	HBK530	PARKSIDE AVE	BMT SUBWAY, BRIGHTON	2005	FD	K
2243050	HBK531	CATON AVE	BMT SUBWAY, BRIGHTON	2003	FD	K
2243690	HBK538	17TH AVE	BMT SEA BEACH	2002	FD	K
2243720	HBK539	20TH AVE	BMT SEA BEACH	2002	FD	K
2243770	HBK543	KINGS HIGHWAY	BMT SEA BEACH	2001	FD	K
2243820	HBK548	21ST AVE	BMT SEA BEACH	2003	PD	K
2231450	HBK643	BSHP	GERRITSEN INLET	2003	FD	K
2231370	HBK668	E 8TH ST ACCESS RMP	BSHP	2002	FD	K
2231479	HBK1023	BSHP	MILL BASIN	2003	FD	K
2231489	HBK1024	BSHP	PAERDEGAT BASIN	2004	FD	K
2243080	HBK1032	CHURCH AVE	BMT SUBWAY, BRIGHTON	2003	FD	K
2243850	HBK1034	LIBERTY AVE	LIRR BAY RIDGE	2002	FD	K
2243890	HBK1035	SUTTER AVE	LIRR BAY RIDGE	2002	FD	K
2244170	HBK1036	ATLNTC AV SVC RD E.B.	EAST NEW YORK AVE	2002	FD	K
2244180	HBK1037	ATLNTC AV SVC RD W.B.	EAST NEW YORK AVE	2002	FD	K
2243670	HBK1039	15TH AVE	BMT SEA BEACH	2002	FD	K
2243700	HBK1040	18TH AVE	BMT SEA BEACH	2002	FD	K
2243510	HBK1046	FLATBUSH AVE	LIRR BAY RIDGE	2003	PD	K
2231509	HBK1072	BSHP	FRESH CREEK	2002	FD	K
2231249	HBK1089	BSHP	BAY RIDGE AVE	2004	PD	K
2231439	HBK1090	BSHP	NOSTRAND AVE	2004	PD	K
2231499	HBK1091	BSHP	ROCKAWAY PKWY	2004	PD	K
2243110	HBK1095	CORTEYOU ROAD	BMT SUBWAY, BRIGHTON	2002	FD	K
2243870	HBK1097	PITKIN AVE	LIRR BAY RIDGE	2002	FD	K
2243920	HBK1098	7TH AVE	NYCTA BMT YARD	2002	FD	K
2243310	HBK1132	2ND AVE	LIRR BAY RIDGE	2002	FD	K
2240231	HBK1140	HAMILTON AVE BRIDGE	GOWANUS CANAL	2003	FD	K
2240232	HBK1140	HAMILTON AVE BRIDGE	GOWANUS CANAL	2003	FD	K
2240290	HBK1149	METROPOLITAN AVE	ENGLISH KILLS	2002	FD	K
2230887	HBK1151	278I W.B. (B.Q.E.)	CADMAN PLAZA	2003	FD	K

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## BRIDGES UNDER DESIGN BY NEW YORK CITY

BIN NO.	CAPIS NO.	FEATURE CARRIED	FEATURE CROSSED	FY CNST	PHASE	BORO
2230888	HBK1151	2781 E.B. (B.Q.E.)	CADMAN PLAZA	2003	FD	K
2243140	HBK1153	NEWKIRK AVE	BMT SUBWAY, BRIGHTON	2003	FD	K
2243040	HBK1154	CROOKE AVE	BMT SUBWAY, BRIGHTON	2003	PD	K
2240390	HBK1161	GRAND ST BRIDGE	NEWTON CREEK	2004	PD	KQ
2244470	HBK1167	SEELEY ST	PROSPECT AVE	2003	PD	K
2230390	HBK1168	CONGRESS ST	278I (B.Q.E.)	2003	FD	K
2243650	HBK1169	14TH AVE	LIRR BAY RIDGE	2002	FD	K
2231360	HBK1193	BSHP	OCEAN PKY	2002	DB	K
2243860	HBK1196	GLENMORE AVE	LIRR	2002	FD	K
2240047	BRC231C	QUEENSBORO BRIDGE (LL)	EAST RIVER	2003	FD	MQ
2240048	BRC231C	QUEENSBORO BRIDGE (UL)	EAST RIVER	2003	FD	MQ
2240640	HBC1117	ROOSEVELT ISLAND	E. RIVER E. CHANNEL	2004	PD	MQ
2246510	HBCREPL97	CORBIN PLACE OVERPASS	CORBIN PLACE	2002	FD	M
2266229	HBCREPL97	HHP	PED. UNDRPSS, W. 148 <sup>th</sup> ST	2001	FD	M
2246690	HBCREPL97	ISHAM PARK RD	HARLEM RIVER INLET	2001	FD	M
2246970	HBCREPL97	RIVERSIDE DRIVE	W. 96 <sup>th</sup> ST	2001	FD	M
2246560	HBCREPL97	TUDOR CITY PLACE	E. 42 <sup>nd</sup> ST.	2001	FD	M
2245110	HBCREPL98A	W. 45 <sup>th</sup> ST	AMTRAK	2001	FD	M
2246500	HBCREPL99A	FORT TYRONE PLACE	ENT. FR. RIVERSIDE DR.	2002	PD	M
M00001	HBCREPL99A	191 <sup>st</sup> ST TUNNEL	BROADWAY	2002	PD	M
2246570	HBCREPL99B	UNITED NATIONS PLAZA	1 <sup>st</sup> AVE TUNNEL	2003	PD	M
2232140	HBMC029	E 78TH ST PED BRDG	FDR DRIVE	2001	FD	M
2245090	HBMC032	W 43 <sup>rd</sup> ST	AMTRAK 30 <sup>th</sup> ST BRANCH	2006	PD	M
224501C	HBMC037	W 33 <sup>rd</sup> ST	LAND ADJ TO AMTRAK	2006	PD	M
2246540	HBM551	E 34TH ST	PARK AVE TUNNEL	2004	PD	M
2233059	HBM1027	HARLEM RIVER DRIVE	RAMP TO HRD N.B.	2004	PD	M
2233020	HBM1093	E 10TH ST PED BRDG	FDR DRIVE	2001	FD	M
2245060	HBM1094	W 37TH ST	AMTRAK 30 ST BRANCH	2001	FD	M
2240059	HBM1124	WILLIS AVENUE	HARLEM RIVER	2005	FD	BM
224005A	HBM1124	FROM FDR DRIVE	HARLEM RIVER DRIVE	2005	FD	M
224005B	HBM1124	TO BRUCKNER BLVD (WILLIS)	RELIEF	2005	FD	M
2246710	HBM1145B	W 153 ST	A.C. POWELL BLVD	2004	PD	M
2232000	HBM1146	BATTERY PLACE	FDR DRIVE	2003	PD	M
2240620	HBM1159	WARDS ISLAND PED BRDG	HARLEM RIVER	2005	PD	M
2246720	HBM1165	RIVERSIDE DRIVE	W 158TH ST	2004	PD	M
2246490	HBM1170	A.C. POWELL BLVD N.B.	A.C. POWELL BLVD	2004	PD	M
226672A	HBM1171	W 31ST ST	AMTRAK LAYUP TRACKS	2002	FD	M
2245210	HBM1179	W 42 <sup>nd</sup> ST	AMTRAK 30 <sup>th</sup> ST BRANCH	2006	PD	M
224501B	HBM1184	W 33 <sup>rd</sup> ST	AMTRAK 30 <sup>th</sup> ST BRANCH	2006	PD	M
224501D	HBM1185	W 34 <sup>th</sup> ST	AMTRAK 30 <sup>th</sup> ST BRANCH	2006	PD	M
224501E	HBM1186	W 35 <sup>th</sup> ST	AMTRAK 30 <sup>th</sup> ST BRANCH	2006	PD	M
224501F	HBM1187	W 36 <sup>th</sup> ST	AMTRAK 30 <sup>th</sup> ST BRANCH	2006	PD	M
2245209	HBM1188	11 <sup>th</sup> AVE	AMTRAK 30 <sup>th</sup> ST BRANCH	2006	PD	M
2229290	HBM1189	W 79 <sup>th</sup> ST	AMTRAK	2004	PD	M
2267717	HBM1189	79 <sup>th</sup> ST PED PLAZA	79 <sup>th</sup> ST BOAT BASIN GARAGE	2004	PD	M
2267718	HBM1189	79 <sup>th</sup> ST TRAFFIC CIRCLE	79 <sup>th</sup> ST PED PLAZA	2004	PD	M

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## BRIDGES UNDER DESIGN BY NEW YORK CITY

BIN NO.	CAPIS NO.	FEATURE CARRIED	FEATURE CROSSED	FY CNST	PHASE	BORO
226771A	HBM1189	79 <sup>TH</sup> ST RAMP TO HHP	79 <sup>TH</sup> ST BOAT BASIN GARAGE	2004	PD	M
226771B	HBM1189	79 <sup>TH</sup> ST RAMP TO GARAGE	79 <sup>TH</sup> ST BOAT BASIN GARAGE	2004	PD	M
226771C	HBM1189	GARAGE RAMP TO 79 <sup>TH</sup> ST	79 <sup>TH</sup> ST BOAT BASIN GARAGE	2004	PD	M
226771D	HBM1189	SB HHP RAMP TO 79 <sup>TH</sup> ST	79 <sup>TH</sup> ST BOAT BASIN GARAGE	2004	PD	M
2230050	HBCREPL98A	CYPRESS HILLS CEM RD W	JRP	2002	FD	Q
2230070	HBCREPL98A	CYPRESS HILLS CEM RD E	JRP	2002	FD	Q
2230120	HBCREPL98A	MYRTLE AVE	JRP	2002	FD	Q
2248369	HBCREPL98A	ROCKAWAY BLVD	THURSTON BASIN	2002	FD	Q
2230890	HBCREPL99A	49 <sup>TH</sup> ST	GCP	2002	PD	Q
2231819	HBCREPL99B	JAMAICA AVE	BCIP	2003	PD	Q
2231710	HBCREPL99B	MERRICK BLVD	BLP EB	2002	PD	Q
2231720	HBCREPL99B	MERRICK BLVD	BLP WB	2002	PD	Q
224004F	HBCREPL99B	TO NY FROM 21 <sup>ST</sup> ST	21 <sup>ST</sup> ST (QUEENS)	2004	PD	Q
2231730	HBCREPL99B	130 <sup>TH</sup> AVE	BLP EB	2002	PD	Q
2247080	HBCREPL99B	149 <sup>TH</sup> ST	LIRR	2004	PD	Q
2231610	HBQ662	GUY R. BREWER BLVD	BSOP	2002	FD	Q
2247440	HBQ1111	GRAND AVE	CONRAIL	2002	FD	Q
1247560	HBQ1112	METRO AVE (FRESH POND)	LIRR MONTAUK DIV	2002	FD	Q
2231780	HBQ1114	HEMPSTEAD AVE	BCIP	2004	PD	Q
2266149	HBQ1114	HEMPSTEAD AVE	RAMP TO BCIP NB	2004	PD	Q
2231850	HBQ1115	UNION TPKE	BCIP	2004	PD	Q
2247120	HBQ1130	WOODSIDE AVE	LIRR MAIN LINE	2002	FD	Q
2248159	HBQ1134	WOODHAVEN BLVD	QUEENS BLVD	2004	PD	Q
2248160	HBQ1137	ELLIOT AVE	QUEENS BLVD	2004	PD	Q
2240410	HBQ1162	BORDEN AVE	DUTCH KILLS	2004	PD	Q
2231760	HBQ1173	BCIP	DUTCH BRDWAY-115 AVE	2004	PD	Q
2230600	HBQ1181	STEINWAY ST	2781 W.B. (B.Q.E.)	2002	FD	Q
2230610	HBQ1182	STEINWAY ST	2781 E.B. (B.Q.E.)	2002	FD	Q
2247530	HBQ1199	ANDREWS AVE.	LIRR MONTAUK DIV	2003	PD	Q
2231630	HBQ1200	SPRINGFIELD BLVD	BSOP	2004	PD	Q
2249060	HBCREPL98A	McCLEAN AVE	B&O RR (ABANDONED)	2001	FD	R
2249860	HBCREPL98A	SLATER BLVD	NEW CREEK	2002	FD	R
2249870	HBCREPL98A	TRAVIS AVE	MAIN CREEK	2002	FD	R
2249020	HBRC033	HOPE AVE	B&O RR (ABANDONED)	2001	FD	R
R00049	HBRC1145	VAN PELT AVE	WALKER ST	2004	PD	R
2249820	HBRC1149	ARTHUR KILL ROAD	ARTHUR KILL STREAM	2004	PD	R
2249330	HBR1166	ANNADALE ROAD	SIRT SOUTH SHORE	2003	FD	R

PD=Preliminary Design; FD=Final Design; DB=Design Build  
1/5/01

## Appendix B

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### FLAG CONDITIONS

<b>Definitions and Procedures</b>	<b>B-1</b>
<b>1996-2000 Red, Yellow and Safety Flags</b>	<b>B-2</b>
<b>Flag Reporting and Tracking Process</b>	<b>B-3</b>

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**FLAG DEFINITIONS AND PROCEDURES**

(Source: NYSDOT *Engineering Instruction 94-002*)

New York State Department of Transportation (NYSDOT) bridge inspection procedures require that "Flags" be issued to report the existence of conditions that pose a clear and present danger, or conditions which if left unattended for an extended period, would likely become a clear and present danger.

A "Flag" is classified as either a Red Flag, Yellow Flag or Safety Flag.

*Red Flag* is used to report the failure or potentially imminent failure of a critical primary structural component. Potentially imminent means that a failure is likely before the next scheduled inspection. The maximum time between bridge inspections is two years. Red Flags must be addressed within six weeks.

*Yellow Flag* is used to report a potentially hazardous condition which, if left unattended beyond the next scheduled inspection, would likely become a clear and present danger. A Yellow Flag shall also be used to report the actual or imminent failure of a non-critical primary structural component, where its failure may diminish the reserve capacity or redundancy of the bridge but would not result in structural collapse or a clear and present danger.

*Safety Flag* is used to report a condition that presents a clear and present vehicle or pedestrian traffic hazard, but there is no danger of structural failure or collapse.

Certain Red or Safety Flags may be further classified as Prompt Interim Action (PIA) flags. PIA flags must be addressed within 24 hours of discovery.

FLAG CONDITIONS BY CALENDAR YEAR						
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**Citywide**

	1996*	1997*	1998*	1999*	2000*	% increase (1996-2000)
FLAGS ROUTED	1,520	1,093	1,938	1,489	1,161	-24%
RED	148	36	55	50	39	-74%
YELLOW	414	272	412	495	304	-27%
SAFETY	958	785	1,471	944	818	-15%
TTL FLGS ELIMINATED	1,760	1,162	1,785	1,517	1,335	-24%
RED	142	45	39	46	42	-70%
YELLOW	700	218	377	564	368	-47%
SAFETY	918	899	1,369	907	925	1%
TTL FLGS OUTSTANDING	1,990	1,921	2,074	2,046	1,871	-6%
RED	26	18	34	38	34	31%
YELLOW	894	948	983	914	850	-5%
SAFETY	1,070	955	1,057	1,094	987	-8%

**Division of Bridges Workload**

FLAGS ROUTED	1,361	900	1,556	1,384	987	-27%
RED	145	35	52	49	39	-73%
YELLOW	411	158	397	506	301	-27%
SAFETY	805	707	1,107	829	647	-20%
FLAGS ELIMINATED	1,605	930	1,396	1,362	1,068	-33%
RED	140	41	36	44	40	-71%
YELLOW	681	207	373	561	349	-49%
SAFETY	784	682	987	757	679	-13%
FLAGS OUTSTANDING	1,394	1,475	1,635	1,657	1,583	14%
RED	20	14	30	35	34	70%
YELLOW	857	919	943	888	834	-3%
SAFETY	517	542	662	734	715	38%

\*The number of flags routed, eliminated, and outstanding has been revised since the 1999 Annual Condition Report.

## FLAG REPORTING AND TRACKING PROCESS

There are three primary sources from which flags originate:

- NYSDOT inspectors
- NYCDOT inspectors
- NYCDOT Communications Center

### State DOT Inspectors

1. State inspectors identify flag conditions.
2. Written notification of flag conditions are sent to the Bridge's Flags unit. (Immediate verbal notification is given for Red Flags and PIA flags.)
3. Flag condition reports are entered into the Division's "City Flag" and "State Flag" database.
4. Flag conditions are reviewed by City engineers who have four routing options:
  - ◆ assign flags to outside agencies for repair, or
  - ◆ have City inspectors monitor flags until further action is desired, or
  - ◆ assign flags to the Maintenance Section for in-house or contractor repair, or
  - ◆ assign flags to the Construction Section for Capital contractor repair.
5. Each flag condition is assigned a City Flag number, and routed to the appropriate group.
6. When flag conditions are eliminated, the respective databases are updated.

### City DOT Division of Bridges Inspectors

1. City inspectors identify flag conditions and prepare a scope of work. (Immediate verbal notification is given for Red Flags and PIA flags.)
2. Flag condition reports are received and reviewed by the Flags unit.
3. Flag condition reports are entered into the "City Flag" database.
4. Flag conditions are reviewed by City engineers who have four routing options:
  - ◆ assign flags to outside agencies for repair, or
  - ◆ have City inspectors monitor flags until further action is desired, or
  - ◆ assign flags to the Maintenance Section for in-house or contractor repair, or
  - ◆ assign flags to the Construction Section for Capital contractor repair.
5. When flag conditions are eliminated, the database is updated.

### City DOT Communications Center

1. Flag condition is phoned in.
2. City inspectors visit the site to review the reported condition.
3. If the deficiency warrants, a flag condition report is filed.
4. Flag condition reports are entered into the "City Flag" database.
5. Flag conditions are reviewed by City engineers who have four routing options:
  - ◆ assign flags to outside agencies for repair, or
  - ◆ have City inspectors monitor flags until further action is desired, or
  - ◆ assign flags to the Maintenance Section for in-house or contractor repair, or
  - ◆ assign flags to the Construction Section for Capital contractor repair.
6. When flag conditions are eliminated, the database is updated.

## Appendix C

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### 2000 INVENTORY

<b>Inventory Summary</b>	<b>C-1</b>
<b>Posted, Partially Closed &amp; Closed Bridges</b>	<b>C-2</b>
<b>Bridge Identification Numbers</b>	<b>C-3</b>
<b>New York State Inspection System</b>	<b>C-4</b>
<b>Standard Abbreviations</b>	<b>C-5</b>
<b>Information on Inventory Lists</b>	<b>C-6</b>
<b>Adjustments to the Inventory</b>	<b>C-7</b>
<b>Listing of Bridge Inventory and Conditions</b>	<b>C-8</b>

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**Inventory Summary**

In Calendar Year 2000, the Division of Bridges demolished or transferred ownership of seven bridge structures and added two others, bringing the total number of bridge and tunnel structures under the jurisdiction of the New York City Department of Transportation (NYCDOT) to 759. Additionally, in 1999, a Memorandum of Understanding between NYCDOT and the New York City Department of Environmental Protection (NYCDEP) added 67 culverts in Staten Island to the Division's Inventory. While the Division is responsible for the capital rehabilitation of these structures, maintenance and inspection responsibilities remain with NYCDEP.

The condition of New York City's 759 elevated bridge structures (including six tunnels), as measured by the City's general condition rating, are as follows: 13 structures were rated *Poor*, 481 structures were rated *Fair*, 180 structures were rated *Good*, and 85 structures were classified *Very Good*.

The bridges in the Division's inventory connect a vast and diverse highway and street network throughout the City. The impressive East River crossings – the Brooklyn, Manhattan, Williamsburg, and Queensboro Bridges – are the most visible and famous structures, but are by no means representative of all the bridges in the City's inventory. Two hundred eighty-eight (38%) of the Division's structures consist of one span (the portion of a bridge between two supports). Seventy-seven (10%) bridges carry pedestrian traffic. Of the 759 structures in the City's inventory, 77 (10%) cross waterways; of these, 19 connect the boroughs of the Bronx, Brooklyn, Manhattan and Queens. Three hundred seventeen (42%) percent of the structures cross the City's labyrinthine system of railroad and subway tracks. Two hundred forty-five (32%) structures cross or connect arterial highways, such as the Henry Hudson Parkway, the Brooklyn-Queens Expressway, and the Belt Parkway, which facilitate traffic flow through and around the five boroughs of the City of New York.

**Rating System**

The Division of Bridges bases its general condition ratings directly on the numerical ratings assigned during bridge inspections. Federal law mandates that bridge structures be inspected at least once every two years. The New York State Department of Transportation hires engineering consultants to perform biennial inspections for all bridge structures except pedestrian bridge structures, and bridge structures less than 20 feet in length. Bridge structures not inspected by the State are inspected by the NYC Department of Transportation's Division of Bridges.

The State inspected 672 (89%) bridge structures. The balance of 87 (11%) were inspected by the City. Each structure in a biennial inspection is given an overall numerical condition rating from 1 (structural failure) to 7 (new condition), reflecting a weighting of key features of the structure (see Appendix C-4). In certain cases, where a bridge structure is closed to traffic, only a city condition rating is given.

City condition ratings coincide with the following ranges of State ratings:

<u>State Numerical Rating</u>		<u>City Condition Rating</u>
1.000 – 3.000	=	POOR
3.001 – 4.999	=	FAIR
5.000 – 6.000	=	GOOD
6.001 – 7.000	=	VERY GOOD

This method is used as a guide in assessing what operational action is needed. The overall bridge rating, in and of itself, is not always indicative of whether a bridge needs major rehabilitation. Further inspection and analysis must be done to determine specific rehabilitation or corrective repair needs.

Summary of 2000 Structure Conditions						
Rating	Number of Structures	Percent	Number of Spans	Percent	Deck Area Sq Ft	Percent
Poor	13	1.71%	350	7.56%	1,795,571	12.46%
Fair	481	63.37%	3303	71.34%	9,668,133	67.08%
Good	180	23.72%	655	14.14%	2,054,942	14.26%
Very Good	85	11.20%	322	6.95%	893,182	6.20%
<b>Total</b>	<b>759</b>	<b>100%</b>	<b>4630</b>	<b>100%</b>	<b>14,411,828</b>	<b>100%</b>

As of December 31, 2000, the condition of the City's bridges and tunnels indicated that 1.71% were rated as *Poor*, 63.37% were classified as *Fair*, 23.72% were awarded ratings of *Good*, and 11.20% as *Very Good*. Those structures given ratings of *Poor* and *Fair* encompassed 78.90% of bridge spans.

	1997		1998		1999		2000	
<b>Poor</b>	40	5.19%	24	3.12%	16	2.09%	13	1.71%
<b>Fair</b>	530	68.83%	516	67.10%	507	66.36%	481	63.37%
<b>Good</b>	145	18.83%	154	20.03%	160	20.94%	180	23.72%
<b>VGood</b>	55	7.14%	75	9.75%	81	10.60%	85	11.20%
<b>Total</b>	<b>770</b>	<b>100%</b>	<b>769</b>	<b>100%</b>	<b>764</b>	<b>100%</b>	<b>759</b>	<b>100%</b>

During 2000, Manhattan had the highest percentage of bridge structures rated *poor* – 2.33% - as well as the highest percentage of bridge structures classified as *fair*, for a total of 72.09%. In 2000, Brooklyn had no bridges rated as *poor*, and the second highest percentage of bridge structures rated as *very good* --13.71%. Queens had the second lowest percentage of bridge structures rated as *poor* – 1.06%, and the second highest percentage of bridge structures rated as *good* – 27.13%. Staten Island had the highest percentage of bridge structures rated *good* – 31.48%, as well as the highest percentage classified as *very good*, for a total of 27.78%.

*Borough	Poor	% of Boro	Fair	% of Boro	Good	% of Boro	Very Good	% of Boro	Total
Bronx	3	1.99%	92	60.93%	36	23.84%	20	13.25%	151
Brooklyn	0	0.00%	113	64.57%	38	21.71%	24	13.71%	175
Manhattan	4	2.33%	124	72.09%	35	20.35%	9	5.23%	172
Queens	2	1.06%	118	62.77%	51	27.13%	17	9.04%	188
Staten Island	1	1.85%	21	38.89%	17	31.48%	15	27.78%	54
<b>Total</b>	<b>10</b>	<b>1.35%</b>	<b>468</b>	<b>63.24%</b>	<b>177</b>	<b>23.92%</b>	<b>85</b>	<b>11.49%</b>	<b>740</b>

\*Does not include borough-crossing bridges (see next table).

### Summary of 2000 Structure Conditions

Just over eighty-four percent (84.21%) of the 19 bridge structures that service the five boroughs were rated in either *poor* or *fair* condition in 2000, and 15.79% were rated *good*.

<b>Boro – Crossing</b>	<b>Poor</b>	<b>% of Crossing</b>	<b>Fair</b>	<b>% of Crossing</b>	<b>Good</b>	<b>% of Crossing</b>	<b>Very Good</b>	<b>% of Crossing</b>	<b>Total</b>
Bronx-Manhattan	1	11.11%	6	66.67%	2	22.22%	0	0.00%	9
Brooklyn-Manhattan	2	50.00%	2	50.00%	0	0.00%	0	0.00%	4
Queens-Manhattan	0	0.00%	3	100.00%	0	0.00%	0	0.00%	3
Brooklyn-Queens	0	0.00%	2	66.67%	1	33.33%	0	0.00%	3
<b>Total</b>	<b>3</b>	<b>15.79%</b>	<b>13</b>	<b>68.42%</b>	<b>3</b>	<b>15.79%</b>	<b>0</b>	<b>0.00%</b>	<b>19</b>

These figures evidence that the Division is continuing to make progress in improving the conditions of the City's bridges. The number of bridges rated *Poor* and *Fair* has decreased over the past few years while the number of bridges rated *Good* and *Very Good* has increased. However, it continues to remain essential that the overall bridge program include an expansion of the Preventive Maintenance and Corrective Repair programs which have traditionally slowed the deterioration of *good* and *very good* bridges.

During 2000, the total number of closed or partially closed bridge structures was four, with two closed and two partially-closed structures (see Appendix C-2).

**Bridges with Posted Weight Restrictions**  
**NEW YORK CITY DEPARTMENT OF TRANSPORTATION**

BIN	BOROUGH	LOCATION FEATURE-1	LOCATION FEATURE-2	LOCATION FEATURE-3	FISCAL YEAR*	POSTED TONS	REMARKS
2-23145-0	BROOKLYN	BELT SHORE PKWY.	GERRITSEN INLET		2006	5	CONDITION OF PAERDEGAT BASIN BRIDGE
2-23147-9	BROOKLYN	BELT SHORE PKWY.	MILL BASIN CREEK		2006	5	CONDITION OF PAERDEGAT BASIN BRIDGE
2-23148-9	BROOKLYN	BELT SHORE PKWY	PAERDEGAT BASIN		2005	5	
2-23149-9	BROOKLYN	BELT SHORE PKWY.	ROCKAWAY PKWY.		2005	5	PASSENGER CARS ONLY
2-23206-0	MANHATTAN	FDR DRIVE (NB & SB)	23 <sup>RD</sup> TO 63 <sup>RD</sup> STREET			4	PASSENGER CARS ONLY
2-23304-0	MANHATTAN	EAST 60 <sup>TH</sup> STREET	FDR DRIVE			7	TO BET LET BY NYSDOT
2-24001-9	BROOKLYN & MANHATTAN	BROOKLYN BRIDGE	EAST RIVER	INCLUDING RAMPS	2004	3	NO COMMERCIAL TRAFFIC NO TRUCKS, NO BUSES
2-24003-9	BROOKLYN & MANHATTAN	WILLIAMSBURG BRIDGE	EAST RIVER		2005		INNER ROADWAYS, NO TRUCKS
2-24004-7	MANHATTAN & QUEENS	QUEENSBORO BRIDGE	EAST RIVER		2002	3	LOWER OUTER ROADWAYS POSTED AS H-3; UPPER ROADWAYS DESIGNED FOR H-15, NO TRUCKS
2-24026-0	BROOKLYN	CARROL STREET BRIDGE	GOWANUS CANAL	CARROL STREET		25	
2-24064-0	MANHATTAN & QUEENS	ROOSEVELT ISLAND	EAST CHANNEL OF THE EAST RIVER			36	
2-24066-0	BRONX	RIKERS ISLAND BRIDGE	RIKERS ISLAND CHANNEL			36	
2-24331-0	BROOKLYN	2 <sup>ND</sup> AVENUE BRIDGE	LIRR BAY RIDGE LINE		2002	12	
2-24339-0	BROOKLYN	52 <sup>ND</sup> AVENUE BRIDGE	LIRR BAY RIDGE LINE		2003	16	
2-24386-0	BROOKLYN	GLENMORE AVENUE	LIRR BAY RIDGE		2002	10	
2-24655-0	MANHATTAN	PARK AVENUE VIADUCT	42 <sup>ND</sup> STREET		2002	15	NO COMMERCIAL TRAFFIC
2-24753-0	QUEENS	ANDREWS AVENUE	LIRR MONTAUK DIV		2003	10	
2-24759-0	QUEENS	FOREST PARK DRIVE	LIRR		2002	8	
2-24922-0	STATEN ISLAND	ELLIS STREET BRIDGE	LAND ADJ TO SIRT		2002	5	
R-00056	STATEN ISLAND	RICHMOND TERRACE	WESTERN AVENUE			4	WEST RAMP CLOSED

20 COUNT

\* - CONSTRUCTION CONTRACT LETTING

REV. DATE February 7, 2001

## Partially Closed Bridges

### NEW YORK CITY DEPARTMENT OF TRANSPORTATION

BIN	BOROUGH	LOCATION FEATURE-1	LOCATION FEATURE-2	LOCATION FEATURE-3	FISCAL YEAR*	REMARKS
2-23087-0	QUEENS	COLUMBIA HEIGHTS	B.Q.E.	MIDDAGH ST.	2001	CLOSED TO TRAFFIC OPEN TO PEDESTRIANS (TO BE DONE BY NYS W/B.Q.E)

1 COUNT

\* - CONSTRUCTION CONTRACT LETTING

REV. DATE February 7, 2001

## Closed Bridges

### NEW YORK CITY DEPARTMENT OF TRANSPORTATION

BIN	BOROUGH	LOCATION FEATURE-1	LOCATION FEATURE-2	LOCATION FEATURE-3	FISCAL YEAR*	REMARKS
2-24540-0	MANHATTAN	PEDESTRIAN BRIDGE WEST OF 8 <sup>TH</sup> AVE.	W 155 <sup>TH</sup> STREET		2005	

1 COUNT

\* - CONSTRUCTION CONTRACT LETTING

REV. DATE February 7, 2001

## Bridge Identification Numbers

In 1972, the State of New York developed a computerized system to store inventory and inspection data on bridges that are greater than 20 feet in length. In New York City, bridges that are 20 feet in length or less, “mini-bridges,” are tracked independently by the City. Each structure is distinguished by a separate Bridge Identification Number (B.I.N.).

A six-digit B.I.N. identifies a single structure or group of connected or associated structures, while the seven-digit B.I.N. identifies each of those connected or associated bridge structures individually. Each level of a bi-level bridge, each separate bridge structure in a parallel configuration, and each ramp attached to a main bridge is considered an individual structure and assigned its own unique B.I.N. for example, the Brooklyn Bridge has one six-digit B.I.N., 2-24002, which incorporates the entire bridge. All ramps and secondary structures, as well as the main structure, are identified by their own seven-digit numbers, such as 2-24001-A, 2-24001-B, etc.

### **If the prefix (first number) of the B.I.N. is:**

**1**, the bridge is considered part of the **State** bridge system. This number might include City bridges if maintenance is shared between City and State.

**2**, the bridge is considered part of the **City** bridge system. This number might include State bridges if maintenance is shared between City and State.

**M, Q, or R**, the bridge is a “mini-bridge,” and is considered part of the **City** bridge system. They are located in Manhattan, Queens, or Staten Island, respectively.

### **If the suffix (last character) of the B.I.N. is:**

**1 through 6**, the bridge is in parallel configuration. The left-most bridge in the Direction of Orientation has a last character of 1. The next left-most bridge has a last character of 2, and so on.

**7 or 8**, the bridge is in a bi-level configuration. Seven indicates the lower level and eight indicates the upper level.

**0 or 9**, the bridge is not in parallel or bi-level configuration.

**A letter of the alphabet**, the structure is a ramp physically attached to the main bridge. If more than one ramp is attached to the same span of the main bridge, the characters are assigned alphabetically starting with the left-most ramp in the Direction of Orientation. Other ramps attached to the bridge are assigned alphabetical characters in a clockwise direction.

### New York State Biennial Bridge Inspection and Condition Rating System

During the regularly scheduled State biennial bridge inspections, each bridge element is investigated and its structural condition is numerically rated according to the system indicated below:

<u>Numerical Rating</u>	<u>Description</u>
1	Potentially Hazardous
2	Used to shade between a rating of 1 and 3
3	Serious deterioration, or not functioning as originally designed
4	Used to shade between a rating of 3 and 5
5	Minor deterioration, and is functioning as originally designed
6	Used to shade between a rating of 5 and 7
7	New condition
8	Not Applicable
9	Unknown (due to inaccessibility, e.g. footings or piles)

Based on these individual ratings for each element, a weighted average rating is computed for the entire structure.

These ratings (both individual and weighted average) are recorded on New York State Department of Transportation Inspection report Forms. Together with photographs and explanatory descriptions, the ratings provide the Division with information on the existing condition of each bridge.

A description of the condition ratings 1 through 7, with programmed responses to certain critical ratings, demonstrates the importance of these inspections:

A rating of 1 describes an extremely serious condition which is deemed potentially hazardous. This rating, which is phoned in by the inspection leader, necessitates that the Division respond immediately by 1) closing the structure either completely or partially until emergency repairs are made, or 2) limiting the vehicle weight permitted on the structure and then performing repairs on a timely basis.

A rating of 3 describes a bridge element that is not functioning as designed. Although not considered hazardous, such members require extensive rehabilitation. A determination is then made to repair such rated members either by the Division's in-house repair personnel, the critical maintenance contractor (When and Where contracts), or a major capital contract. Until such repairs are made, this condition is periodically monitored.

A rating of 5 indicates the member is functioning as designed but exhibits minor deterioration. These members are prioritized and scheduled for repair by the Bridge Maintenance, Inspection and Operations Bureau.

A rating of 7 indicates a new condition requiring no remediation.

The ratings of 2, 4, and 6 are utilized to shade between each of the above ratings.

## Standard Abbreviations

### General Abbreviations :

APP:	Approach
AVE:	Avenue
BLVD:	Boulevard
BR:	Bridge
CPK:	Central Park
DR:	Drive
EB:	Eastbound
EXPWY:	Expressway
I:	Interstate
LN:	Lane
NB:	Northbound
PED BR:	Pedestrian Bridge
PKWY:	Parkway
PL:	Place
RD:	Road
SB:	Southbound
ST:	Street
TPKE:	Turnpike
WB:	Westbound
X:	No State accepted mileage markers exist on this route

### Routes :

<u>No.</u>	<u>Borough</u>	<u>Name</u>
25	Queens	Union Turnpike
25A	Queens	Northern Boulevard
27	Brooklyn	Southern Parkway
I-87	Manhattan, Bronx	Major Deegan Expressway
I-95	Manhattan, Bronx	Cross Bronx Expressway
I-278	Brooklyn, Queens	Brooklyn-Queens Expressway
I-278	Bronx	Bruckner Expressway
I-278	Staten Island	Staten Island Expressway
I-295	Queens	Clearview Expressway
I-295	Bronx	Throgs Neck Expressway
I-440	Staten Island	Richmond Parkway
I-478	Brooklyn	Brooklyn Battery Tunnel
I-495	Queens	Long Island Expressway
I-678	Queens	Whitestone Expressway, Van Wyck
I-878	Queens	Nassau Expressway
I-895	Bronx	Sheridan Expressway

## Standard Abbreviations

### Highways :

BCIP:	Belt System -- Cross Island
BE:	Bruckner Expressway
BLP:	Belt System -- Laurelton Parkway
BPP:	Bronx Pelham Parkway
BQE:	Brooklyn-Queens Expressway
BRPC:	Bronx River Parkway (in NYC)
BSHP:	Belt System -- Shore Parkway
BSOP:	Belt System -- Southern Parkway
CBE:	Cross Bronx Expressway
FDRD:	Franklin D. Roosevelt Drive
GCP:	Grand Central Parkway
GW:	George Washington Bridge
HHP:	Henry Hudson Parkway
HRD:	Harlem River Drive
HRPC:	Hutchinson River Parkway (in NYC)
IP:	Jackie Robinson (Interborough) Parkway
LIE:	Long Island Expressway
MAP:	Marine Parkway
MDE:	Major Deegan Expressway
MP:	Mosholu Parkway
OCP:	Ocean Parkway
PR:	Prospect Expressway
RP:	Richmond Parkway
VWE:	Van Wyck Expressway
WLMBRG:	Williamsburg Bridge
WSE:	West Shore Expressway

### Information Available On Division Of Bridges Inventory Of Structures

- **Bridge Inventory Number (B.I.N.)**
  
- **Borough :**

B - The Bronx	Q - Queens	R - Staten Island
K - Brooklyn	M - Manhattan	
  
- **Feature Carried :** Name of passageway carrying vehicle or pedestrian traffic.
  
- **Feature Crossed :** Description of area crossed.
  
- **Bridge Type :**

A - Arterial	W - Waterway
O - Off-System	M - Movable
PED - Pedestrian	E - East River
  
- **Railroad Crossed (if applicable):**

A - Amtrak	L - Long Island Railroad
C - Conrail	T - NYC Transit Authority
M - Metro-North	S - Staten Island Rapid Transit
O - B & O Railroad	
  
- **Rating :** Numerical and/or verbal rating

1.000 - 3.000:	POOR	3.001 - 4.999:	FAIR
5.000 - 6.000:	GOOD	6.001 - 7.000:	VERY GOOD
  
- **Rating Source:**
  - City Inspection
  - State Inspection

**2000 Bridge Inventory Adjustments**

B.I.N.	BORO	FEATURE CARRIED	FEATURE CROSSED	EXPLANATION
<b>- Bridges added to the City's Inventory:</b>				
2269190	M	W. 70 <sup>TH</sup> STREET	AMTRAK	<b>CONSTRUCTED BY THE TRUMP/NEW WORLD ORGANIZATION CONSTRUCTED BY THE TRUMP/NEW WORLD ORGANIZATION</b>
2269210	M	W. 68 <sup>TH</sup> STREET	AMTRAK	
<b>- Bridges removed from the City's Inventory:</b>				
2066012	Q	4951 (L.I.E.)	QUEENS BOULEVARD	<b>TRANSFERRED TO NYSDOT TRANSFERRED TO NYSDOT TRANSFERRED TO NYSDOT</b>
2230219	Q	4951 (L.I.E.)	DUTCH KILLS CREEK	
223021 A	Q	VAN DAM ENTR 4951	BORDEN AVENUE, VAN DAM	
222928 A	M	RAMP TO S.B. HHP	RAILROAD YARD	<b>THESE BRIDGE RAMPS WERE PARTIALLY DEMOLISHED. THE REMAINING PORTION OF THE RAMPS ARE NOW INCLUDED WITH THE MAIN BRIDGE.</b>
222928 B	M	RAMP FROM S.B. HHP	RAILROAD YARD	
225756 A	M	RAMP TO W. 57 <sup>TH</sup> STREET	TERRAIN	
225756 B	M	RAMP FROM MILLER HWY	TERRAIN	

REV. DATE February 5, 2001

**INVENTORY SORTED BY B.I.N.**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
1065210	Q	WHITESTONE EXP NB	BCIP (2065210)		A	1	STATE	05/01/00	4.682	FAIR	2,500	\$3,600,000
1066510	B	BRUCKNER EXP.(2066510)	WESTCHESTER CREEK		WM	17	STATE	07/11/00	3.835	FAIR	39,400	\$56,736,000
1067150	B	NEREID AVE (2241880)	BRONX RIVER PKWY	M	O	10	STATE	11/11/99	4.211	FAIR	57,750	\$83,160,000
1240090	BM	MACOMBS DAM BRIDGE	HARLEM RIVER		WM	52	STATE	09/25/00	2.125	POOR	139,100	\$200,304,000
1247010	Q	91 PLACE (2247010)	LIRR PT WASH BRANCH	L	O	3	STATE	06/30/00	3.318	FAIR	4,200	\$6,048,000
1247200	Q	67 AVE PED BR 2247200	LIRR MAIN LINE	L	O-PED	3	CITY	12/13/00	4.676	FAIR	1,300	\$1,872,000
1247280	Q	51 AVE PED BR.2247280	LIRR MAIN LINE	L	O-PED	5	CITY	12/06/00	3.355	FAIR	700	\$1,008,000
1247560	Q	METROPOLITAN AVE	LIRR MONTAUK DIV	L	O	2	STATE	06/13/00	3.634	FAIR	20,900	\$30,096,000
2055801	Q	NORTHERN BLVD W.B.	FLUSHING RIVER		W	40	STATE	07/28/00	4.746	FAIR	71,900	\$103,536,000
2055802	Q	NORTHERN BLVD E.B.	FLUSHING RIVER		W	40	STATE	08/29/00	4.380	FAIR	78,894	\$113,607,360
205580A	Q	N.BLVD WB TO 678I SB	VACANT LAND		AR	16	STATE	09/14/00	5.090	GOOD	8,600	\$12,384,000
2065629	B	BRONX RVR PKWY	BOSTON RD BX ZOO		A	1	STATE	09/24/99	5.275	GOOD	6,300	\$9,072,000
2066002	Q	4951 (2066000)	WOODHAVEN BLVD		A	2	STATE	04/27/00	4.000	FAIR	25,200	\$36,288,000
2066100	K	5TH AVE	27 X PROSPECT EXPWY		A	1	STATE	01/27/00	5.250	GOOD	8,800	\$12,672,000
2066671	B	BRUCKNER EXPWY SB	BRONX RIVER		WM	3	STATE	07/27/99	5.139	GOOD	12,400	\$17,856,000
2066672	B	BRUCKNER EXPWY NB	BRONX RIVER		WM	8	STATE	07/29/99	4.612	FAIR	22,300	\$32,112,000
2066720	B	E 174TH ST	SHERIDAN EXPWY/AMTRAK	A	A	13	STATE	06/15/00	4.486	FAIR	47,430	\$68,299,200
206672A	B	174TH ST-NTH PED BRDG	895I - SHERIDAN EXPWY		A-PED	4	CITY	12/07/99	4.960	FAIR	1,800	\$2,592,000
206672B	B	174TH ST-STH PED BRDG	895I - SHERIDAN EXPWY		A-PED	4	CITY	12/07/99	5.069	GOOD	1,900	\$2,736,000
2066919	BM	WASHINGTON BRIDGE	HARLEM RIVER		W	9	STATE	12/22/98	4.881	FAIR	128,339	\$184,808,160
2075351	B	BRUCKNER EXPWY SB	AMTRAK	A	A	1	STATE	07/14/00	3.718	FAIR	11,600	\$16,704,000
2075352	B	BRUCKNER EXPWY NB	AMTRAK	A	A	1	STATE	11/20/00	4.000	FAIR	10,900	\$15,696,000
2075820	B	E TREMONT AVE	HUTCHINSON RVR PKWY		A	2	STATE	09/02/99	4.263	FAIR	10,200	\$14,688,000
2075837	B	WESTCHESTER AVE	HUTCHINSON RVR PKWY		A	2	STATE	03/23/00	4.319	FAIR	15,858	\$22,835,520
2075849	B	BRONX PELHAM PKWY	HUTCHINSON RVR PKWY		A	2	STATE	06/30/00	4.184	FAIR	17,600	\$25,344,000
2075859	B	HUTCHINSON RVR PKWY	HUTCHINSON RIVER		WM	7	STATE	10/23/98	5.594	GOOD	60,500	\$87,120,000
2076109	B	BE NB SERVICE RD	HUTCHINSON RVR PKWY		A	2	STATE	09/29/99	4.736	FAIR	7,800	\$11,232,000
2076129	B	BE SB SERVICE RD	HUTCHINSON RVR PKWY		A	2	STATE	02/09/00	5.000	GOOD	7,100	\$10,224,000
2076640	B	DEPOT PLACE	CONRAIL HUDSON DIV	C	O	11	STATE	12/10/98	5.736	GOOD	30,192	\$43,476,480
2076929	B	BRUCKNER EXPWY	AMTRAK	A	A	1	STATE	07/13/99	4.733	FAIR	3,800	\$5,472,000
2229289	M	HHP VIADUCT	W 72 ST TO W 79 ST	A	A	145	STATE	10/25/00	3.388	FAIR	236,100	\$339,984,000
2229290	M	W 79 ST	AMTRAK	A	A	1	STATE	10/17/00	4.559	FAIR	4,500	\$6,480,000
2229309	M	HHP	RIVERSIDE PARK		A	1	STATE	02/11/00	5.100	GOOD	2,400	\$3,456,000
2229311	M	HHP SB	RAMP TO 96 ST		A	1	STATE	02/16/00	4.181	FAIR	2,000	\$2,880,000
2229312	M	HHP NB	RAMP TO 96 ST		A	1	STATE	02/16/00	4.272	FAIR	2,000	\$2,880,000
2229321	M	HHP SB	RAMP TO 96 ST		A	1	STATE	07/13/00	5.200	GOOD	2,000	\$2,880,000
2229322	M	HHP NB	RAMP TO 96 ST		A	1	STATE	07/13/00	5.433	GOOD	2,000	\$2,880,000
2229339	M	HHP	ST CLAIR PLACE		A	64	STATE	03/21/00	3.887	FAIR	370,000	\$532,800,000
222933A	M	RAMP FROM S.B. HHP	W 135 ST		AR	9	STATE	07/21/00	4.802	FAIR	12,900	\$18,576,000
222933B	M	RAMP TO N.B. HHP	W 135 ST		AR	14	STATE	01/20/00	4.422	FAIR	14,400	\$20,736,000
2229349	M	HHP	W 158 ST	A	A	44	STATE	11/08/00	4.113	FAIR	140,000	\$201,600,000
222934A	M	RAMP TO N.B. HHP	AMTRAK WEST SIDE	A	AR	26	STATE	11/07/00	3.722	FAIR	10,800	\$15,552,000
2229400	M	W 181ST ST PED BRDG	HHP N.B.		A-PED	6	CITY	10/24/00	3.429	FAIR	1,500	\$2,160,000
2229440	B	HHP	KAPPOCK ST		A	1	STATE	09/13/99	4.448	FAIR	3,900	\$5,616,000
2229450	B	232ND ST	HHP		A	2	STATE	09/22/99	4.447	FAIR	4,900	\$7,056,000
2229460	B	236TH ST PED BRDG	HHP		A-PED	3	CITY	07/18/00	4.047	FAIR	2,500	\$3,600,000
2229470	B	239TH ST	HHP		A	2	STATE	07/06/99	4.289	FAIR	6,100	\$8,784,000
2229480	B	MANHATTAN COLL PKWY	HHP		A	3	STATE	06/23/99	4.184	FAIR	6,200	\$8,928,000
2229490	B	246TH ST	HHP		A	2	STATE	08/24/99	4.657	FAIR	5,600	\$8,064,000
2229500	B	252ND ST	HHP		A	2	STATE	01/14/00	4.342	FAIR	4,500	\$6,480,000
2229510	B	RIVERDALE AVE	HHP		A	2	STATE	10/29/99	4.053	FAIR	5,200	\$7,488,000
2229520	B	FIELDSTON ROAD	HHP		A	1	STATE	10/15/99	4.567	FAIR	6,600	\$9,504,000
2229530	B	HHP	BROADWAY		A	1	STATE	10/08/99	4.766	FAIR	7,500	\$10,800,000
2229540	B	VAN CRTLDT PARK	HHP		A-PED	2	CITY	10/13/00	4.565	FAIR	3,900	\$5,616,000
2229550	B	VAN CRTLDT EQUES	HHP		A-PED	2	CITY	08/16/00	4.825	FAIR	2,100	\$3,024,000
2229560	B	BRONX PELHAM PKWY	AMTRAK,METRO NORTH	MA	A	3	STATE	07/06/00	4.861	FAIR	24,591	\$35,411,040
2229579	B	BOSTON POST ROAD	HUTCHINSON RIVER		W	14	STATE	07/24/99	4.611	FAIR	95,700	\$137,808,000
2230000	K	HIGHLAND BLVD E.B.	JACKIE ROBINSON PKWY		A	1	STATE	02/09/00	4.933	FAIR	4,900	\$7,056,000
2230010	K	HIGHLAND BLVD W.B.	JACKIE ROBINSON PKWY		A	1	STATE	02/09/00	5.266	GOOD	3,500	\$5,040,000
2230020	K	HIGHLAND BLVD W.B.	JACKIE ROBINSON PKWY		A	2	STATE	02/09/00	4.947	FAIR	4,700	\$6,768,000
2230040	Q	CYPRESS HILLS ST	JACKIE ROBINSON PKWY		A	1	STATE	09/06/00	5.888	GOOD	5,000	\$7,200,000
2230050	Q	CYP HILLS CEM WEST	JACKIE ROBINSON PKWY		A	3	STATE	01/13/00	3.295	FAIR	4,400	\$6,336,000
2230070	Q	CYP HILLS CEM EAST	JACKIE ROBINSON PKWY		A	3	STATE	02/29/00	4.113	FAIR	4,400	\$6,336,000
2230099	Q	JACKIE ROBINSON PKWY	CYPRESS HILLS CEMETRY		A	1	STATE	01/05/00	5.482	GOOD	4,200	\$6,048,000
2230120	Q	MYRTLE AVE	JACKIE ROBINSON PKWY		A	1	STATE	03/01/00	5.000	GOOD	6,400	\$9,216,000
2230179	Q	JACKIE ROBINSON PKWY	METROPOLITAN AVE		A	2	STATE	01/13/00	5.035	GOOD	8,673	\$12,489,120
2230180	Q	UNION TPK	JACKIE ROBINSON PKWY		A	1	STATE	02/16/00	5.812	GOOD	5,359	\$7,716,960
2230190	Q	MARKWOOD ROAD	JACKIE ROBINSON PKWY		A	1	STATE	02/23/00	5.333	GOOD	4,400	\$6,336,000
2230209	Q	QUEENS BLVD	JACKIE ROBINSON PKWY	T	A	5	STATE	05/19/00	4.698	FAIR	90,000	\$129,600,000
2230220	K	HIGHLAND BLVD NB	VERMONT AVE		A	1	STATE	07/27/99	6.328	VGOOD	3,995	\$5,752,800

**INVENTORY SORTED BY B.I.N.**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2230250	B	MOSHOLU PARKWAY	BRONX RIVER		A	5	STATE	01/04/00	4.263	FAIR	16,300	\$23,472,000
2230260	B	MOSHOLU PARKWAY	METRO NORTH	M	A	1	STATE	03/17/00	6.484	VGOOD	8,880	\$12,787,200
2230270	B	MOSHOLU PARKWAY	WEBSTER AVE		A	1	STATE	04/13/99	5.859	GOOD	8,480	\$12,211,200
2230287	B	JEROME AVE	MOSHOLU PARKWAY	T	A	3	STATE	10/13/99	4.105	FAIR	11,800	\$16,992,000
2230290	B	MOSHOLU PARKWAY	EQUESTRIAN PATH		A	1	STATE	01/20/00	4.724	FAIR	4,300	\$6,192,000
2230300	B	MOSHOLU PARKWAY	CONRAIL (ABANDONED)	C	A	1	STATE	09/29/98	4.229	FAIR	5,200	\$7,488,000
2230310	B	MOSHOLU PARKWAY	SB RAMP TO HHP		A	2	STATE	09/14/99	5.243	GOOD	7,400	\$10,656,000
2230350	K	SUMMIT ST PED BRDG	278I (B.Q.E.)		A-PED	2	STATE	10/03/00	4.714	FAIR	1,400	\$2,016,000
2230360	K	UNION ST	278I (B.Q.E.)		A	2	STATE	03/10/00	4.486	FAIR	5,000	\$7,200,000
2230370	K	SACKETT ST	278I (B.Q.E.)		A	2	STATE	03/10/00	4.625	FAIR	5,000	\$7,200,000
2230380	K	KANE ST	278I (B.Q.E.)		A	2	STATE	03/06/00	4.458	FAIR	5,000	\$7,200,000
2230390	K	CONGRESS ST	278I (B.Q.E.)		A	2	STATE	11/13/00	4.426	FAIR	5,000	\$7,200,000
2230400	K	278I (B.Q.E.)	ATLANTIC AVE		A	1	STATE	10/04/00	5.880	GOOD	14,230	\$20,491,200
2230410	K	278I (B.Q.E.)	WASHINGTON ST		A	1	STATE	10/12/00	4.656	FAIR	2,500	\$3,600,000
2230420	K	278I (B.Q.E.)	WASHINGTON ST		A	1	STATE	10/12/00	4.906	FAIR	2,500	\$3,600,000
2230430	K	278I (B.Q.E.)	PROSPECT ST		A	1	STATE	01/06/00	5.266	GOOD	1,100	\$1,584,000
2230440	K	278I (B.Q.E.)	ADAMS ST N.B.		A	1	STATE	01/05/00	5.200	GOOD	2,700	\$3,888,000
2230450	K	278I (B.Q.E.)	ADAMS ST S.B.		A	1	STATE	01/05/00	4.933	FAIR	2,500	\$3,600,000
2230460	K	278I (B.Q.E.)	PEARL ST		A	1	STATE	01/04/00	5.333	GOOD	4,500	\$6,480,000
2230470	K	278I (B.Q.E.)	JAY ST		A	1	STATE	01/04/00	5.233	GOOD	5,100	\$7,344,000
2230480	K	278I (B.Q.E.)	PROSPECT ST		A	1	STATE	01/06/00	5.351	GOOD	8,400	\$12,096,000
2230490	K	278I (B.Q.E.)	SANDS ST		A	1	STATE	01/06/00	5.277	GOOD	12,600	\$18,144,000
2230500	K	278I (B.Q.E.)	RAMP TO BQE EB		A	1	STATE	01/06/00	5.566	GOOD	1,300	\$1,872,000
2230510	K	278I (B.Q.E.)	NASSAU ST		A	6	STATE	01/13/00	4.819	FAIR	51,200	\$73,728,000
2230520	Q	65TH PLACE	278I (B.Q.E.)		A	2	STATE	01/11/00	4.750	FAIR	11,600	\$16,704,000
2230530	Q	QUEENS BLVD	278I (B.Q.E.)		A	2	STATE	06/27/00	4.138	FAIR	23,500	\$33,840,000
2230540	Q	WOODSIDE AVE	278I (B.Q.E.)		A	1	STATE	01/03/00	5.140	GOOD	7,500	\$10,800,000
2230550	Q	69TH ST	278I (B.Q.E.)		A	2	STATE	03/02/00	5.017	GOOD	12,600	\$18,144,000
2230560	Q	70TH ST	278I (B.Q.E.)		A	2	STATE	03/03/00	5.055	GOOD	8,500	\$12,240,000
2230570	Q	41ST AVE	278I (B.Q.E.)		A	3	STATE	03/03/00	4.930	FAIR	8,800	\$12,672,000
2230587	Q	ROOSEVELT AVE	278I (B.Q.E.)		A	2	STATE	01/19/00	4.529	FAIR	6,600	\$9,504,000
2230590	Q	BROADWAY	278I (B.Q.E.)		O	2	STATE	04/20/00	3.894	FAIR	16,000	\$23,040,000
2230600	Q	STEINWAY ST	278I W.B. (B.Q.E.)		A	1	STATE	01/13/00	4.333	FAIR	4,200	\$6,048,000
2230610	Q	STEINWAY ST	278I E.B. (B.Q.E.)		A	1	STATE	01/12/00	4.027	FAIR	4,200	\$6,048,000
2230620	Q	37TH ST	278I (B.Q.E.)		A	2	STATE	03/10/00	4.486	FAIR	5,300	\$7,632,000
2230630	Q	35TH ST	278I (B.Q.E.)		A	4	STATE	06/21/00	4.875	FAIR	9,000	\$12,960,000
2230640	Q	32ND ST	278I (B.Q.E.)		A	2	STATE	02/11/99	4.847	FAIR	8,100	\$11,664,000
2230657	Q	31ST ST	278I (B.Q.E.)		A	2	STATE	06/02/00	5.083	GOOD	9,500	\$13,680,000
2230669	Q	278I (B.Q.E.)	35TH AVE		A	1	STATE	01/17/00	3.421	FAIR	6,500	\$9,360,000
2230679	Q	278I (B.Q.E.)	34TH AVE		A	3	STATE	03/30/00	4.166	FAIR	9,500	\$13,680,000
2230680	Q	278I (B.Q.E.)	NORTHERN BLVD		A	1	STATE	03/28/00	4.377	FAIR	5,900	\$8,496,000
2230690	Q	BQE EAST LEG NB	32ND AVE		A	1	STATE	01/21/00	3.703	FAIR	6,160	\$8,870,400
2230700	Q	BQE EAST LEG	TO BQE WEST LEG		A	14	STATE	03/20/00	3.486	FAIR	16,800	\$24,192,000
2230710	Q	278I S.B. (B.Q.E.)	32ND AVE		A	1	STATE	08/31/00	4.390	FAIR	4,500	\$6,480,000
2230720	Q	BQE EAST LEG	BQE NB WEST LEG		A	1	STATE	03/22/00	4.328	FAIR	2,700	\$3,888,000
2230730	Q	31ST AVE	278I (B.Q.E.)		A	1	STATE	02/03/00	3.484	FAIR	3,700	\$5,328,000
2230740	Q	BQE WEST LEG SB	31ST AVE		A	1	STATE	06/26/00	4.531	FAIR	3,700	\$5,328,000
2230750	Q	BQE EAST LEG SB	31ST AVE		A	1	STATE	07/03/00	4.156	FAIR	2,900	\$4,176,000
2230760	Q	BQE WEST LEG NB	31ST AVE		A	1	STATE	04/24/00	4.015	FAIR	2,900	\$4,176,000
2230770	Q	BQE WEST LEG	30TH AVE		A	1	STATE	03/22/99	4.203	FAIR	6,500	\$9,360,000
2230780	Q	BQE EAST LEG	30TH AVE		A	3	STATE	03/08/00	4.097	FAIR	9,400	\$13,536,000
2230790	Q	BULOVA AVE	BQE WEST LEG		A	2	STATE	03/03/00	5.761	GOOD	3,300	\$4,752,000
2230800	Q	49TH ST	BQE WEST LEG		A	2	STATE	03/10/00	5.388	GOOD	4,900	\$7,056,000
2230810	Q	ASTORIA BLVD E.B.	BQE WEST LEG		A	4	STATE	03/29/00	4.308	FAIR	8,200	\$11,808,000
2230820	Q	47TH ST	GCP		A	2	STATE	03/22/00	4.541	FAIR	5,700	\$8,208,000
2230830	Q	BQE WEST LEG	GCP		A	2	STATE	06/09/00	4.916	FAIR	7,600	\$10,944,000
2230840	Q	44TH ST	GCP		A	2	STATE	03/14/00	4.791	FAIR	5,000	\$7,200,000
2230857	K	278I (B.Q.E.)	JORALEMON ST		A	1	STATE	09/07/00	5.030	GOOD	2,100	\$3,024,000
2230858	K	278I (B.Q.E.)	JORALEMON ST / BQE WB		A	2	STATE	09/08/00	3.758	FAIR	5,900	\$8,496,000
2230869	Q	QUEENS BLVD	ACCESS RD BQE S.B.		A	1	STATE	04/10/00	4.090	FAIR	7,900	\$11,376,000
2230870	K	COLUMBIA HEIGHTS	278I (B.Q.E.)		A	1	STATE	11/27/00	4.583	FAIR	16,500	\$23,760,000
2230887	K	278I W.B. (B.Q.E.)	CADMAN PLAZA		A	2	STATE	10/18/00	4.338	FAIR	4,500	\$6,480,000
2230888	K	278I E.B. (B.Q.E.)	CADMAN PLAZA / 278I WB		A	2	STATE	11/13/00	4.842	FAIR	4,500	\$6,480,000
2230890	Q	49TH ST	GCP		A	2	STATE	06/01/00	4.777	FAIR	5,500	\$7,920,000
2231249	K	BSHP	BAY RIDGE AVE		A	1	STATE	11/27/00	3.567	FAIR	4,900	\$7,056,000
2231250	K	81ST ST PED BR	BSHP		A-PED	5	CITY	11/07/00	5.222	GOOD	3,100	\$4,464,000
2231260	K	92ND ST PED BR	BSHP		A-PED	6	CITY	05/09/00	4.161	FAIR	3,000	\$4,320,000
2231270	K	4TH AVE	BSHP		A	2	STATE	01/24/00	4.842	FAIR	6,100	\$8,784,000
2231290	K	BAY 8TH ST	BSHP		A	1	STATE	06/22/99	6.206	VGOOD	4,920	\$7,084,800
2231300	K	17TH AVE PED BRDG	BSHP		A-PED	1	CITY	12/02/99	3.846	FAIR	2,100	\$3,024,000

**INVENTORY SORTED BY B.I.N.**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2231319	K	BSHP	BAY PKWY		A	1	STATE	10/25/00	4.345	FAIR	7,200	\$10,368,000
2231329	K	BSHP	26TH AVE		A	1	STATE	10/25/00	4.466	FAIR	6,700	\$9,648,000
2231330	K	27TH AVE PED BRDG	BSHP		A-PED	1	CITY	06/07/00	4.366	FAIR	2,100	\$3,024,000
2231340	K	CROSEY AVE	BSHP		A	2	STATE	10/24/00	4.944	FAIR	13,100	\$18,864,000
2231360	K	BSHP	OCEAN PKWY		A	2	STATE	11/01/00	3.250	FAIR	11,800	\$16,992,000
2231370	K	B 8TH ST ACCESS RMP	BSHP		A	4	STATE	05/31/00	4.097	FAIR	12,800	\$18,432,000
2231380	K	CONEY ISLAND AVE	BSHP		A	4	STATE	02/17/00	3.555	FAIR	20,600	\$29,664,000
2231390	K	E 12TH ST	BSHP		A	4	STATE	02/15/00	5.013	GOOD	17,200	\$24,768,000
2231409	K	BSHP	SHEEPSHEAD BAY ROAD		A	1	STATE	01/19/00	4.967	FAIR	6,500	\$9,360,000
2231419	K	BSHP	OCEAN AVE		A	3	STATE	01/19/00	4.430	FAIR	14,000	\$20,160,000
2231429	K	BSHP	BEDFORD AVE		A	3	STATE	08/04/00	4.388	FAIR	12,000	\$17,280,000
2231439	K	BSHP	NOSTRAND AVE		A	3	STATE	08/04/00	4.041	FAIR	13,000	\$18,720,000
2231449	K	KNAPP ST	BSHP		A	1	STATE	01/21/00	4.796	FAIR	9,500	\$13,680,000
2231450	K	BSHP	GERRITSEN INLET		WA	11	STATE	08/18/00	3.462	FAIR	46,400	\$66,816,000
2231460	K	FLATBUSH AVE	BSHP		A	2	STATE	07/28/00	3.694	FAIR	13,600	\$19,584,000
2231479	K	BSHP	MILL BASIN		WM	14	STATE	11/16/00	3.239	FAIR	73,500	\$105,840,000
2231489	K	BSHP	PAERDEGAT BASIN		WA	15	STATE	11/16/00	3.407	FAIR	58,300	\$83,952,000
2231499	K	BSHP	ROCKAWAY PKWY		A	4	STATE	09/06/00	3.875	FAIR	11,500	\$16,560,000
2231509	K	BSHP	FRESH CREEK		WA	5	STATE	09/15/00	3.430	FAIR	23,000	\$33,120,000
2231519	K	PENNSYLVANIA AVE	BSHP		A	2	STATE	07/16/99	6.292	VGOOD	6,191	\$8,915,040
2231549	Q	BSHP	84TH ST		A	2	STATE	03/16/99	4.718	FAIR	12,118	\$17,449,920
2231559	Q	CROSS BAY BLVD	BSHP		A	4	STATE	03/14/00	5.250	GOOD	23,205	\$33,415,200
2231560	Q	S CONDUIT BLVD	BSOP		A	2	STATE	03/15/00	5.633	GOOD	15,776	\$22,717,440
2231570	Q	COHANCY ST	BSOP		A	2	STATE	03/15/00	4.727	FAIR	6,400	\$9,216,000
2231580	Q	AQUEDUCT RCTK RAMP	BSOP		A	4	STATE	08/28/00	4.375	FAIR	14,000	\$20,160,000
2231590	Q	130TH ST	BSOP		A	2	STATE	01/14/00	4.818	FAIR	6,800	\$9,792,000
2231610	Q	GUY R. BREWER BLVD	BSOP		A	2	STATE	02/10/00	3.977	FAIR	7,300	\$10,512,000
2231620	Q	FARMERS BLVD	BSOP		A	2	STATE	02/10/00	4.568	FAIR	6,400	\$9,216,000
2231630	Q	SPRINGFIELD BLVD	BSOP		A	2	STATE	03/15/00	4.636	FAIR	8,500	\$12,240,000
2231640	Q	225TH ST	BSOP		A	2	STATE	04/26/00	4.545	FAIR	7,000	\$10,080,000
2231650	Q	SUNRISE HWY W.B.	BLP E.B.		A	1	STATE	03/02/00	4.622	FAIR	4,100	\$5,904,000
2231660	Q	SUNRISE HWY W.B.	BLP W.B.		A	2	STATE	04/28/00	4.656	FAIR	5,350	\$7,704,000
2231670	Q	N CONDUIT AVE W.B.	BLP E.B.		A	1	STATE	01/05/00	4.916	FAIR	4,000	\$5,760,000
2231680	Q	N CONDUIT AVE WB	BLP W.B.		A	2	STATE	01/07/00	4.840	FAIR	6,500	\$9,360,000
2231690	Q	FRANCIS LEWIS BLVD	BLP E.B.		A	1	STATE	03/13/00	5.333	GOOD	6,000	\$8,640,000
2231700	Q	FRANCIS LEWIS BLVD	BLP W.B.		A	1	STATE	02/24/00	5.066	GOOD	6,000	\$8,640,000
2231710	Q	MERRICK BLVD	BLP E.B.		A	1	STATE	03/10/00	4.133	FAIR	6,000	\$8,640,000
2231720	Q	MERRICK BLVD	BLP W.B.		A	1	STATE	03/10/00	4.200	FAIR	6,000	\$8,640,000
2231730	Q	130TH AVE	BLP E.B.		A	1	STATE	01/03/00	5.000	GOOD	4,400	\$6,336,000
2231740	Q	130TH AVE	BLP W.B.		A	1	STATE	01/04/00	4.666	FAIR	4,400	\$6,336,000
2231750	Q	LINDEN BLVD	BCIP		A	2	STATE	01/28/00	4.068	FAIR	6,700	\$9,648,000
2231760	Q	BCIP	DUTCH BROADWAY-115 AVE		A	1	STATE	01/14/00	4.428	FAIR	7,300	\$10,512,000
2231770	Q	BELMONT PARK RAMP	BCIP		A	1	STATE	02/24/00	4.875	FAIR	3,200	\$4,608,000
2231780	Q	HEMPSTEAD AVE	BCIP		A	2	STATE	01/19/00	4.064	FAIR	14,200	\$20,448,000
2231800	Q	SUPERIOR ROAD	BCIP		A	2	STATE	02/28/00	4.227	FAIR	7,000	\$10,080,000
2231819	Q	JAMAICA AVE	BCIP		A	2	STATE	02/17/00	4.590	FAIR	11,500	\$16,560,000
2231829	Q	BRADDOCK AVE	BCIP		A	2	STATE	02/01/00	4.681	FAIR	10,600	\$15,264,000
2231840	Q	HILLSIDE AVE	BCIP		A	2	STATE	05/19/00	4.184	FAIR	9,672	\$13,927,680
2231850	Q	UNION TPKE	BCIP		A	2	STATE	02/17/00	4.227	FAIR	13,600	\$19,584,000
2231860	Q	W ALLEY ROAD	BCIP		A	2	STATE	06/06/00	5.636	GOOD	7,200	\$10,368,000
2231870	Q	NORTHERN BLVD	BCIP		A	2	STATE	12/08/00	6.653	VGOOD	8,900	\$12,816,000
2231880	Q	CROCHERON PK PED	BCIP		A-PED	9	CITY	03/09/00	4.642	FAIR	2,300	\$3,312,000
2231890	Q	28TH AVE PED BRDG	BCIP		A-PED	24	CITY	02/04/00	4.950	FAIR	7,600	\$10,944,000
2231900	Q	BCIP	FORT TOTTEN ENTRANCE		A	1	STATE	03/23/00	4.484	FAIR	4,900	\$7,056,000
2231910	Q	UTOPIA PKWY	BCIP		A	2	STATE	01/18/00	4.789	FAIR	7,200	\$10,368,000
2231920	Q	160TH ST	BCIP		A	2	STATE	02/02/99	6.472	VGOOD	5,500	\$7,920,000
2231930	Q	FRANCIS LEWIS BLVD	BCIP		A	3	STATE	01/20/00	4.772	FAIR	9,100	\$13,104,000
2231940	Q	CLINTONVILLE ST	BCIP		A	2	STATE	01/21/00	4.727	FAIR	7,400	\$10,656,000
2231950	Q	150TH ST	BCIP		A	2	STATE	01/21/00	4.363	FAIR	5,900	\$8,496,000
2231960	Q	149TH ST	BCIP		A	2	STATE	01/13/00	4.500	FAIR	6,100	\$8,784,000
2231970	Q	14TH AVE	BCIP		A	2	STATE	01/13/00	4.613	FAIR	8,100	\$11,664,000
2231980	Q	147TH ST	BCIP		A	2	STATE	01/12/00	4.727	FAIR	6,300	\$9,072,000
2232000	M	BATTERY PLACE	FDR DRIVE		AT	2	CITY	06/23/99	4.071	FAIR	75,000	\$108,000,000
223201A	M	FDR DR N.B. OFF RMP	FDR DR & SOUTH ST		AR	17	STATE	03/14/00	3.686	FAIR	102,225	\$147,204,000
223201B	M	SOUTH ST RMP TO FDR S.B.	SOUTH ST		AR	10	STATE	02/24/00	3.716	FAIR	44,625	\$64,260,000
223201C	M	SOUTH ST RMP TO FDR	SOUTH ST		AR	8	STATE	03/03/00	4.641	FAIR	39,150	\$56,376,000
223201D	M	RAMP TO N.B. FDR DRIVE	FDR & SOUTH ST.		AR	22	STATE	06/29/00	5.622	GOOD	15,825	\$22,788,000
2232029	M	CORLEARS PARK ROAD	FDR DRIVE		A	4	STATE	03/23/00	4.272	FAIR	4,100	\$5,904,000
2232030	M	DELANCEY ST PED BRDG	FDR DRIVE		A-PED	9	CITY	07/09/00	4.406	FAIR	2,900	\$4,176,000
2232040	M	HOUSTON ST	FDR DRIVE		A	2	STATE	10/06/00	3.000	POOR	11,010	\$15,854,400

**INVENTORY SORTED BY B.I.N.**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
223204A	M	FDR NB TO HOUSTON ST	RELIEF		AR	4	STATE	03/22/00	3.900	FAIR	7,642	\$11,004,480
223204B	M	HOUSTON ST RAMP TO FDR	RELIEF		AR	4	STATE	04/03/00	4.333	FAIR	7,642	\$11,004,480
2232050	M	E 6TH ST PED BRDG	FDR DRIVE		A-PED	22	CITY	07/16/00	4.600	FAIR	2,200	\$3,168,000
2232060	M	FDR DRIVE VIADUCT	AVE C TO E 25 ST		A	46	STATE	04/07/00	5.521	GOOD	184,259	\$265,332,960
2232070	M	25TH ST PED BRDG	FDR DRIVE		A-PED	4	CITY	08/15/99	4.418	FAIR	1,700	\$2,448,000
2232100	M	E 51ST ST PED BRDG	FDR DRIVE		A-PED	10	CITY	10/22/00	4.156	FAIR	2,800	\$4,032,000
2232110	M	E 64TH ST PED BRDG	FDR DRIVE		A-PED	13	CITY	12/15/99	5.297	GOOD	2,100	\$3,024,000
2232120	M	E 71ST ST PED BRDG	FDR DRIVE		A-PED	19	CITY	04/12/00	7.000	VGOOD	1,800	\$2,592,000
2232140	M	E 78TH ST PED BRDG	FDR DRIVE		A-PED	9	CITY	10/22/00	3.475	FAIR	1,700	\$2,448,000
2232158	M	FDR DRIVE S.B.	FDR DRIVE N.B.		AT	56	STATE	10/20/00	4.484	FAIR	54,302	\$78,194,880
2232167	M	PROMENADE OVER FDR	FDR/E79TH ST-E91ST ST		A-PED	53	STATE	11/02/00	3.143	FAIR	93,000	\$133,920,000
2232168	M	BREARLY SCHOOL	FDR DR PROMENADE		A	7	STATE	05/16/97	4.649	FAIR	3,700	\$5,328,000
2232180	M	E 103RD ST PED BRDG	FDR DRIVE		A-PED	20	CITY	10/08/00	4.692	FAIR	6,000	\$8,640,000
2232190	M	E 111TH ST PED BRDG	FDR DRIVE		A-PED	14	CITY	10/15/00	3.800	FAIR	2,600	\$3,744,000
2232200	M	E 120TH ST PED BRDG	FDR DRIVE		A-PED	23	CITY	04/12/00	4.250	FAIR	2,500	\$3,600,000
2233020	M	E 10TH ST PED BRDG	FDR DRIVE		A-PED	22	CITY	04/12/00	3.809	FAIR	1,632	\$2,350,080
2233038	M	FDR DRIVE SB	FDR NB / E 62ND ST		AT	46	STATE	06/01/00	2.509	POOR	70,113	\$100,962,720
2233040	M	E 60TH ST	FDR DRIVE		A	17	STATE	06/27/00	3.318	FAIR	24,480	\$35,251,200
2233059	M	HARLEM RIVER DRIVE	RAMP TO HRD N.B.		A	11	STATE	08/04/00	3.208	FAIR	51,000	\$73,440,000
2233080	K	E 14 ST PED BR	BSHP		A-PED	14	CITY	07/27/00	4.700	FAIR	4,700	\$6,768,000
2240019	KM	BROOKLYN BRIDGE	278I (B.Q.E.)		WE	75	STATE	11/30/00	2.931	POOR	503,788	\$725,454,720
224001A	M	PARK ROW TO BKLN	WILLIAM ST N.B.		OE	3	STATE	05/01/00	4.194	FAIR	8,685	\$12,506,400
224001B	M	TO BKLN FRM FDR	FRANKFRT & CITY		OE	31	STATE	04/26/00	4.111	FAIR	51,400	\$74,016,000
224001C	M	PEARL ST TO BKLN	LAND ADJ TO BRDG		OE	12	STATE	05/04/00	3.779	FAIR	6,489	\$9,344,160
224001D	M	TO FDR DR N.B.	PEARL STREET		OE	30	STATE	06/15/99	5.547	GOOD	49,600	\$71,424,000
224001E	M	TO PEARL ST	LAND ADJ TO BRDG		OE	3	STATE	06/18/99	5.394	GOOD	5,300	\$7,632,000
224001F	M	PEARL ST TO FDR DR	LAND ADJ TO BRDG		OE	3	STATE	06/21/99	5.113	GOOD	5,200	\$7,488,000
224001G	M	TO PARK ROW	ROSE ST		OE	11	STATE	06/24/99	4.667	FAIR	16,551	\$23,833,440
2240027	KM	MANHATTAN BRIDGE(LL)	EAST RIVER	T	WE	23	STATE	11/17/00	3.472	FAIR	616,390	\$887,601,600
2240028	KM	MANHATTAN BRIDGE(UL)	NYCTA TRACKS-BMT	T	WE	43	STATE	10/16/00	3.500	FAIR	587,424	\$845,890,560
2240039	KM	WILLIAMSBURG BRIDGE	EAST RIVER	T	WE	72	STATE	12/06/00	2.681	POOR	741,000	\$1,067,040,000
2240047	MQ	QUEENSBORO BRIDGE(LL)	EAST RIVER	L	WE	53	STATE	12/20/00	4.861	FAIR	626,900	\$902,736,000
2240048	MQ	QUEENSBORO BRIDGE(UL)	EAST RIVER-LL		WE	37	STATE	12/20/00	4.472	FAIR	322,300	\$464,112,000
224004A	M	TO QNS FRM E 59TH ST	FIRST AVE		OE	13	STATE	11/13/00	5.789	GOOD	14,800	\$21,312,000
224004B	M	TO E 60TH ST FROM QNS	FIRST AVE		OE	13	STATE	11/13/00	5.792	GOOD	14,800	\$21,312,000
224004C	M	TO E 62ND ST FROM QNS	E 60TH ST		OE	10	STATE	11/09/00	4.985	FAIR	16,720	\$24,076,800
224004D	M	TO QNS FROM E 58TH ST	E 59TH ST		OE	12	STATE	10/20/00	4.623	FAIR	11,781	\$16,964,640
224004E	Q	TO NY FR THOMSON AVE	JACKSON AVE		OE	64	STATE	12/15/00	4.830	FAIR	104,600	\$150,624,000
224004F	Q	TO NY FROM 21ST ST	21ST ST (QUEENS)		OE	63	STATE	12/15/00	4.439	FAIR	63,310	\$91,166,400
224004G	Q	TO NY FROM 11TH ST	TERRAIN (CHAMBER)		OE	36	STATE	10/06/00	4.739	FAIR	8,360	\$12,038,400
224004H	Q	TO 21ST ST FROM NY	22ND ST		OE	34	STATE	11/02/00	4.211	FAIR	48,100	\$69,264,000
224004I	Q	TO THOMSON AVE FROM NY	JACKSON AVE		OE	38	STATE	11/28/00	5.377	GOOD	59,100	\$85,104,000
224004J	M	25X	NYC GARAGE		OE	14	STATE	10/31/00	4.894	FAIR	22,058	\$31,763,520
2240059	BM	WILLIS AVENUE	HARLEM RIVER		WM	26	STATE	06/16/00	3.222	FAIR	94,700	\$136,368,000
224005A	M	FROM FDR DRIVE	HARLEM RIVER DR		OR	19	STATE	06/14/00	4.059	FAIR	29,900	\$43,056,000
224005B	B	TO BRUCKNER BLVD	RELIEF		OR	5	STATE	09/22/99	4.152	FAIR	12,100	\$17,424,000
2240069	BM	THIRD AVE BRIDGE	HARLEM RIVER		WM	32	STATE	10/05/00	3.027	FAIR	79,950	\$115,128,000
224006A	B	TO BRUCKNER BLVD	RELIEF		OR	11	STATE	04/27/00	3.338	FAIR	11,100	\$15,984,000
2240079	BM	MADISON AVE BRIDGE	HARLEM RIVER		WM	31	STATE	07/21/00	5.583	GOOD	80,000	\$115,200,000
224007A	M	TO MADISON AVENUE	RELIEF		OR	9	STATE	07/21/00	6.140	VGOOD	22,600	\$32,544,000
2240089	BM	145TH ST BRIDGE	HARLEM RIVER		WM	8	STATE	05/30/00	3.347	FAIR	56,700	\$81,648,000
2240120	BM	W 207TH/W FORDHAM RD	HARLEM RIVER		WM	5	STATE	04/28/00	5.750	GOOD	29,682	\$42,742,080
2240137	BM	BROADWAY BRIDGE	HARLEM RIVER	T	WM	3	STATE	10/08/99	3.861	FAIR	38,100	\$54,864,000
2240138	BM	NYCTA IRT	HARLEM RVR/BROADWAY	T	WM	3	STATE	10/15/99	4.882	FAIR	38,100	\$54,864,000
2240180	B	WESTCHESTER AVE	BRONX RIVER		W	1	STATE	08/24/99	5.203	GOOD	5,476	\$7,885,440
2240200	B	SHORE ROAD	HUTCHINSON RIVER		WM	7	STATE	11/24/98	3.985	FAIR	4,800	\$120,000,000
2240210	B	CITY ISLAND ROAD	EASTCHESTER BAY		W	7	STATE	07/20/99	3.416	FAIR	28,900	\$41,616,000
2240231	K	HAMILTON AVE BRIDGE	GOWANUS CANAL		WM	3	STATE	08/16/00	4.083	FAIR	7,300	\$10,512,000
2240232	K	HAMILTON AVE BRIDGE	GOWANUS CANAL		WM	3	STATE	08/17/00	4.180	FAIR	7,300	\$10,512,000
2240240	K	NINTH ST BRIDGE	GOWANUS CANAL		WM	5	STATE	11/16/99	7.000	VGOOD	4,800	\$30,000,000
2240250	K	THIRD ST	GOWANUS CANAL		WM	5	STATE	09/03/99	4.903	FAIR	4,900	\$15,000,000
2240260	K	CARROLL ST	GOWANUS CANAL		WM	2	STATE	08/02/00	4.633	FAIR	3,000	\$5,000,000
2240270	K	UNION ST	GOWANUS CANAL		WM	5	STATE	08/07/00	4.152	FAIR	4,900	\$15,000,000
2240290	K	METROPOLITAN AVE	ENGLISH KILLS		WM	5	STATE	11/11/99	4.186	FAIR	15,245	\$21,952,800
2240301	K	CROPSEY AVE	CONEY ISLAND CREEK		W	3	STATE	10/20/99	5.139	GOOD	9,400	\$13,536,000
2240302	K	CROPSEY AVE	CONEY ISLAND CREEK		W	3	STATE	10/26/00	5.084	GOOD	9,400	\$13,536,000
2240310	K	THIRD AVE	GOWANUS CANAL		W	1	STATE	09/03/99	4.273	FAIR	3,200	\$4,608,000
2240320	K	OCEAN AVE PED BRDG	SHEEPSHEAD BAY		W-PED	30	CITY	12/05/00	4.263	FAIR	4,000	\$5,760,000
2240350	R	RICHMOND AVE	RICHMOND CREEK		W	3	STATE	08/10/99	6.056	VGOOD	32,589	\$46,928,160

**INVENTORY SORTED BY B.I.N.**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2240370	KQ	GREENPOINT AVE BRIDGE	NEWTOWN CREEK	L	WM	12	STATE	11/10/99	5.555	GOOD	76,106	\$109,592,640
2240390	KQ	GRAND ST BRIDGE	NEWTOWN CREEK		WM	2	STATE	11/21/00	4.458	FAIR	5,100	\$25,000,000
2240410	Q	BORDEN AVE	DUTCH KILLS		WM	2	STATE	04/22/99	3.778	FAIR	8,400	\$12,096,000
2240440	Q	NORTHERN BLVD	ALLEY CREEK		W	2	STATE	03/27/00	4.986	FAIR	8,300	\$11,952,000
2240450	Q	HUNTERS PT AVE BRIDGE	DUTCH KILLS		WM	4	STATE	03/17/00	5.333	GOOD	11,544	\$16,623,360
2240507	Q	ROOSEVELT AVE	678I - VAN WYCK EXPWY		W	27	STATE	06/12/00	3.507	FAIR	84,424	\$121,570,560
2240540	K	STILLWELL AVE	CONEY ISLAND CRK		W	2	STATE	09/09/99	6.181	VGOOD	17,000	\$24,480,000
2240620	M	WARDS ISLAND PED BRDG	HARLEM RIVER		WM-PED	10	CITY	10/08/00	4.049	FAIR	12,600	\$18,144,000
2240639	KQ	PULASKI BRIDGE	NEWTOWN CREEK		WM	48	STATE	03/14/00	4.943	FAIR	205,770	\$296,308,800
2240640	MQ	ROOSEVELT ISLAND	E. RIVER E. CHANNEL		WM	8	STATE	03/20/00	4.347	FAIR	36,500	\$52,560,000
2240650	Q	163RD ST PED BRDG	HAWTREE BASIN		W-PED	13	CITY	11/03/00	4.667	FAIR	5,000	\$7,200,000
2240660	Q	RIKERS ISLAND BRIDGE	RIKERS ISL CHANNEL		W	56	STATE	08/04/99	5.000	GOOD	183,100	\$263,664,000
2241000	B	WESTCHESTER AVE	CONRAIL PT MORRIS	C	O	1	STATE	09/05/00	5.170	GOOD	1,740	\$2,505,600
2241010	B	E 156TH STREET	CONRAIL PT MORRIS	C	O	1	STATE	09/06/00	4.555	FAIR	2,400	\$3,456,000
2241020	B	E 161ST STREET	CONRAIL PT MORRIS	C	O	1	STATE	05/08/00	3.454	FAIR	12,800	\$18,432,000
2241030	B	E 163RD STREET	CONRAIL PT MORRIS	C	O	1	STATE	10/15/98	4.426	FAIR	3,200	\$4,608,000
2241040	B	THIRD AVE	CONRAIL PT MORRIS	C	O	1	STATE	09/08/00	4.625	FAIR	2,700	\$3,888,000
2241050	B	E 149TH ST/JACKSON AVE	CONRAIL PT MORRIS	C	O	1	STATE	09/12/00	5.250	GOOD	65,000	\$93,600,000
2241060	B	ST. MARYS & CONCORD	CONRAIL PT MORRIS	C	O	1	STATE	09/12/00	5.333	GOOD	4,500	\$6,480,000
2241070	B	WALES AVE	CONRAIL PT MORRIS	C	O	1	STATE	09/13/00	6.566	VGOOD	2,300	\$3,312,000
2241080	B	SOUTHERN BLVD	CONRAIL PT MORRIS	C	O	1	STATE	09/14/00	4.185	FAIR	3,900	\$5,616,000
2241099	B	BRUCKNER BLVD	CONRAIL PT MORRIS	C	O	1	STATE	10/27/98	3.769	FAIR	6,700	\$9,648,000
2241110	B	MELROSE AVE	CONRAIL PT MORRIS	C	O	11	STATE	08/19/99	6.430	VGOOD	37,854	\$54,509,760
2241129	B	E 149TH ST	AMTRAK	A	O	2	STATE	05/22/00	4.774	FAIR	12,575	\$18,108,000
2241139	B	LEGGETT AVE	AMTRAK	A	O	3	STATE	06/21/00	4.690	FAIR	28,300	\$40,752,000
2241159	B	LONGWOOD AVE	AMTRAK	A	O	1	STATE	05/24/00	6.041	VGOOD	10,625	\$15,300,000
2241169	B	LAFAYETTE AVE	AMTRAK	A	O	1	STATE	05/25/00	5.825	GOOD	12,000	\$17,280,000
2241170	B	TIFFANY ST	AMTRAK	A	O	1	STATE	08/26/99	6.176	VGOOD	7,267	\$10,464,480
2241180	B	BARRETTO ST	AMTRAK	A	O	1	STATE	05/26/00	6.281	VGOOD	5,313	\$7,650,720
2241190	B	HUNTS POINT AVE	AMTRAK	A	O	1	STATE	06/02/00	5.250	GOOD	13,700	\$19,728,000
2241200	B	FAILE ST	AMTRAK	A	O	1	STATE	06/02/00	6.156	VGOOD	6,208	\$8,939,520
2241210	B	BRYANT AVE	AMTRAK	A	O	1	STATE	11/21/00	3.085	FAIR	5,300	\$7,632,000
2241230	B	WESTCHESTER AVE	AMTRAK	A	O	5	STATE	06/02/00	6.250	VGOOD	15,600	\$22,464,000
2241240	B	E 172 ST-BX RIV AVE	AMTRAK	A	O-PED	1	CITY	04/29/99	1.000	POOR*	5,400	\$7,776,000
2241259	B	204TH ST PED BRDG	METRO NORTH RR HAR	M	O-PED	1	CITY	08/01/00	3.950	FAIR	4,700	\$6,768,000
2241269	B	E 177TH ST	AMTRAK	A	O	3	STATE	06/15/00	5.430	GOOD	16,606	\$23,912,640
2241270	B	EAST TREMONT AVE	AMTRAK	A	O	2	STATE	06/16/00	5.791	GOOD	22,300	\$32,112,000
2241329	B	WHITE PLAINS ROAD	AMTRAK	A	O	1	STATE	06/24/00	5.046	GOOD	6,900	\$9,936,000
2241330	B	UNIONPORT ROAD	AMTRAK	A	O	1	STATE	06/24/00	4.906	FAIR	4,400	\$6,336,000
2241369	B	WILLIAMSBRIDGE RD	AMTRAK	A	O	2	STATE	06/20/00	4.776	FAIR	10,400	\$14,976,000
2241390	B	SHORE RD CIRCLE	AMTRAK	A	O	2	STATE	11/22/00	3.000	POOR	4,800	\$6,912,000
2241409	B	GRAND CONCOURSE	METRO NORTH RR HUD	TCM	O	1	STATE	05/24/00	3.625	FAIR	16,100	\$23,184,000
2241410	B	WALTON AVE	METRO NORTH RR HUD	M	O	1	STATE	03/15/00	4.234	FAIR	3,600	\$5,184,000
2241420	B	GERARD AVE	METRO NORTH RR HUD	M	O	1	STATE	03/03/00	6.765	VGOOD	5,063	\$7,290,720
2241430	B	RIVER AVE	METRO NORTH RR HUD	M	O	1	STATE	10/14/99	6.422	VGOOD	5,040	\$7,257,600
2241460	B	W TREMONT AVE	METRO NORTH RR HUD	M	O	8	STATE	03/28/00	5.029	GOOD	12,900	\$18,576,000
2241470	B	W FORDHAM RD	METRO NORTH RR HUD	M	O	5	STATE	11/11/99	6.764	VGOOD	16,052	\$23,114,880
2241489	B	W 225TH ST	CONRAIL PUTNAM	C	O	2	STATE	06/01/00	5.462	GOOD	10,900	\$15,696,000
2241490	B	W 230TH ST	CONRAIL PUTNAM	C	O	1	STATE	04/23/99	5.844	GOOD	5,600	\$8,064,000
2241509	B	W 231ST ST	CONRAIL PUTNAM	C	O	1	STATE	10/06/00	5.764	GOOD	4,723	\$6,801,120
2241510	B	W 233RD ST	CONRAIL PUTNAM	C	O	1	STATE	04/26/99	5.392	GOOD	3,760	\$5,414,400
2241520	B	W 234TH ST	CONRAIL PUTNAM	C	O	1	STATE	06/18/99	5.490	GOOD	3,770	\$5,428,800
2241550	B	E 144TH ST	METRO NORTH RR HAR	M	O	2	STATE	10/07/99	6.819	VGOOD	8,290	\$11,937,600
2241560	B	E 149TH ST	METRO NORTH RR HAR	M	O	8	STATE	03/10/00	4.736	FAIR	27,900	\$40,176,000
2241590	B	CONCOURSE VILL AVE	METRO NORTH RR HAR	M	O	1	STATE	03/02/00	3.906	FAIR	17,800	\$25,632,000
2241600	B	E 158TH ST	METRO NORTH RR HAR	M	O	1	STATE	10/06/99	5.300	GOOD	3,400	\$4,896,000
2241610	B	E 161ST ST	METRO NORTH RR HAR	M	O	1	STATE	10/05/99	5.469	GOOD	6,600	\$9,504,000
2241620	B	E 162ND ST	METRO NORTH RR HAR	M	O	1	STATE	03/01/00	4.983	FAIR	4,700	\$6,768,000
2241630	B	E 165TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/29/00	4.500	FAIR	16,400	\$23,616,000
2241650	B	E 167TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/28/00	5.862	GOOD	3,363	\$4,842,720
2241660	B	E 168TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/25/00	4.921	FAIR	7,700	\$11,088,000
2241670	B	E 169TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/24/00	4.734	FAIR	3,300	\$4,752,000
2241680	B	E 170TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/24/00	6.450	VGOOD	3,150	\$4,536,000
2241700	B	ST PAULS PL PED BRDG	METRO NORTH RR HAR	M	O-PED	2	CITY	08/03/00	6.296	VGOOD	600	\$864,000
2241710	B	CLAREMONT PKWY	METRO NORTH RR HAR	M	O	1	STATE	02/23/00	4.421	FAIR	6,300	\$9,072,000
2241720	B	E 173RD ST	METRO NORTH RR HAR	M	O	1	STATE	02/22/00	4.650	FAIR	3,000	\$4,320,000
2241740	B	E 175TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/21/00	4.031	FAIR	3,600	\$5,184,000
2241760	B	E TREMONT AVE	METRO NORTH RR HAR	M	O	1	STATE	03/07/00	3.656	FAIR	7,300	\$10,512,000
2241770	B	E 178TH ST PED BRDG	METRO NORTH RR HAR	M	O-PED	5	CITY	08/04/00	3.980	FAIR	700	\$1,008,000
2241780	B	E 179TH ST PED BRDG	METRO NORTH RR HAR	M	O-PED	6	CITY	08/02/00	6.774	VGOOD	700	\$1,008,000

**INVENTORY SORTED BY B.I.N.**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2241790	B	E 180TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/17/00	4.109	FAIR	5,000	\$7,200,000
2241800	B	E 183TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/16/00	4.328	FAIR	3,600	\$5,184,000
2241810	B	E 188TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/14/00	4.312	FAIR	5,300	\$7,632,000
2241820	B	E 187TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/15/00	4.843	FAIR	3,800	\$5,472,000
2241839	B	E 189TH ST	METRO NORTH RR HAR	M	O	1	STATE	10/04/99	6.533	VGOOD	43,157	\$62,146,080
2241840	B	BEDFORD PARK BLVD	METRO NORTH RR HAR	M	O	1	STATE	03/07/00	4.616	FAIR	6,400	\$9,216,000
2241850	B	WOODLAWN ROAD	METRO NORTH RR HAR	M	O	1	STATE	03/08/00	4.483	FAIR	5,450	\$7,848,000
2241860	B	GUN HILL RD	METRO NORTH RR HAR	M	O	2	STATE	03/09/00	4.279	FAIR	9,000	\$12,960,000
2241870	B	E 233RD ST	METRO NORTH RR HAR	M	O	1	STATE	03/16/00	5.156	GOOD	7,664	\$11,036,160
2241890	B	E 241ST ST	BRP, METRO NORTH HAR	M	O	28	STATE	10/29/99	4.750	FAIR	49,500	\$71,280,000
2241900	B	EASTCHESTER ROAD	NYCTA-DYRE AVE LN	T	O	3	STATE	02/18/00	5.138	GOOD	13,500	\$19,440,000
2241910	B	GUN HILL ROAD	NYCTA-DYRE AVE LN	T	O	2	STATE	10/25/99	2.897	POOR	6,300	\$9,072,000
2241930	B	BEDFORD PARK BLVD	NYCTA IND YARDS	T	O	17	STATE	08/31/00	6.500	VGOOD	46,300	\$66,672,000
2241940	B	W 205TH ST	NYCTA IND YARDS	T	O	7	STATE	10/04/99	6.389	VGOOD	37,800	\$54,432,000
2241959	B	HUTCHINSON RVR PKWY	AMTRAK	A	O	1	STATE	06/26/00	6.237	VGOOD	15,444	\$22,239,360
2242010	B	BRONX PELHAM PKWY	BRONX RIVER		O	1	STATE	07/05/00	4.931	FAIR	9,200	\$13,248,000
2242029	B	SOUTHERN BLVD	BRONX PELHAM PKWY		O	2	STATE	02/04/00	4.447	FAIR	12,900	\$18,576,000
2242030	B	CROTONA AVE	BRONX PELHAM PKWY		O	2	STATE	02/07/00	5.184	GOOD	7,600	\$10,944,000
2242071	B	BRONX BLVD S.B.	BRONX RIVER		WO	1	STATE	04/13/00	4.700	FAIR	1,800	\$2,592,000
2242072	B	BRONX BLVD N.B.	BRONX RIVER		WO	1	STATE	05/17/00	4.766	FAIR	1,800	\$2,592,000
2242081	B	BRONX BLVD S.B.	BRONX RIVER		WO	1	STATE	05/16/00	4.466	FAIR	2,800	\$4,032,000
2242082	B	BRONX BLVD N.B.	BRONX RIVER		WO	1	STATE	05/16/00	4.466	FAIR	2,800	\$4,032,000
2242099	B	PARK ROAD (204TH ST)	BRONX RIVER		O	1	STATE	03/07/00	4.172	FAIR	4,700	\$6,768,000
2242100	B	BOTANICAL GARDEN ROAD	TWIN LAKES		O-PED	1	STATE	04/12/00	4.966	FAIR	2,200	\$3,168,000
2242110	B	BOSTON ROAD	BRONX RIVER		WO	1	STATE	04/07/00	4.273	FAIR	6,200	\$8,928,000
2242149	B	E TREMONT AVE	BRONX RIVER		WO	2	STATE	04/14/00	4.777	FAIR	12,900	\$18,576,000
2242200	B	YANKEE STDM PED BRDG	E 153 ST, METRO NORTH	M	O-PED	5	CITY	07/31/00	5.000	GOOD	4,200	\$6,048,000
2242210	B	S OF ALLERTON AVE	BRONX RIVER		WO	3	STATE	03/21/00	4.763	FAIR	6,200	\$8,928,000
2242220	B	SOUTHERN BLVD	BRONX RIVER		O	2	STATE	03/20/00	4.210	FAIR	4,800	\$6,912,000
2242259	B	GRAND CONCOURSE	E 161ST ST		O	1	STATE	11/27/98	3.500	FAIR	24,100	\$34,704,000
2242260	B	EAGLE AVE	E 161ST ST		O	1	STATE	03/21/00	5.468	GOOD	2,800	\$4,032,000
2242280	B	GRAND CONCOURSE	E 167TH ST		O	2	STATE	07/25/00	4.719	FAIR	42,900	\$61,776,000
2242299	B	GRAND CONCOURSE	E 138TH ST		O	1	STATE	06/30/99	5.600	GOOD	9,500	\$13,680,000
2242300	B	GRAND CONCOURSE	E 170TH ST		O	2	STATE	05/12/00	4.754	FAIR	39,300	\$56,592,000
2242319	B	GRAND CONCOURSE	E 174TH ST	T	O	1	STATE	03/24/00	4.133	FAIR	14,900	\$21,456,000
2242329	B	GRAND CONCOURSE	E 175TH ST	T	O	1	STATE	09/12/00	4.466	FAIR	11,900	\$17,136,000
2242330	B	GRAND CONCOURSE	E TREMONT AVE		O	2	STATE	11/23/99	6.400	VGOOD	11,700	\$16,848,000
2242340	B	GRAND CONCOURSE	EAST KINGSBRIDGE		O	2	STATE	09/14/00	4.714	FAIR	16,500	\$23,760,000
2242350	B	EAST FORDHAM RD	GRAND CONCOURSE		O	1	STATE	02/21/00	4.566	FAIR	10,300	\$14,832,000
2242360	B	GRAND CONCOURSE	BURNSIDE AVE		O	2	STATE	09/29/00	4.588	FAIR	8,400	\$12,096,000
2242370	B	GRAND CONCOURSE	BEDFORD PARK BLVD		O	1	STATE	05/09/00	4.823	FAIR	8,418	\$12,121,920
2242380	B	GRAND CONCOURSE	E 204TH ST		O	1	STATE	06/02/99	5.672	GOOD	9,272	\$13,351,680
2242400	B	E 180TH ST	BRONX RIVER		WO	1	STATE	07/03/00	4.809	FAIR	4,500	\$6,480,000
2242430	B	GUN HILL ROAD	BRONX BLVD		O	4	STATE	07/12/00	5.052	GOOD	9,400	\$13,536,000
2242440	B	GUN HILL ROAD	BRONX RIVER		WO	1	STATE	03/09/00	5.300	GOOD	8,700	\$12,528,000
2242459	B	E 233RD ST	BRONX RIVER		WO	1	STATE	05/18/00	4.433	FAIR	7,000	\$10,080,000
2242460	B	E 233RD ST	ENTR RD BNX RVR PKWY		O	1	STATE	01/26/00	5.600	GOOD	5,300	\$7,632,000
2243010	K	LINCOLN ROAD	BMT SUBWAY, BRIGHTON	T	O	4	STATE	05/22/00	4.161	FAIR	6,100	\$8,784,000
2243020	K	PARKSIDE AVE	BMT SUBWAY, BRIGHTON	T	O	6	STATE	03/16/00	3.684	FAIR	48,700	\$70,128,000
2243040	K	CROOKE AVE	BMT SUBWAY, BRIGHTON	T	O	4	STATE	08/26/99	4.105	FAIR	6,000	\$8,640,000
2243050	K	CATON AVE	BMT SUBWAY, BRIGHTON	T	O	4	STATE	05/18/00	3.815	FAIR	20,800	\$29,952,000
2243080	K	CHURCH AVE	BMT SUBWAY, BRIGHTON	T	O	4	STATE	08/18/99	3.758	FAIR	18,200	\$26,208,000
2243100	K	BEVERLY ROAD	BMT SUBWAY, BRIGHTON	T	O	3	STATE	05/17/00	3.263	FAIR	2,700	\$3,888,000
2243110	K	CORTELYOU ROAD	BMT SUBWAY, BRIGHTON	T	O	3	STATE	05/12/00	3.661	FAIR	2,900	\$4,176,000
2243120	K	DORCHESTER ROAD	BMT SUBWAY, BRIGHTON	T	O	1	STATE	03/08/00	6.156	VGOOD	4,825	\$6,948,000
2243130	K	DITMAS AVE	BMT SUBWAY, BRIGHTON	T	O	1	STATE	08/23/99	5.489	GOOD	4,100	\$5,904,000
2243140	K	NEWKIRK AVE	BMT SUBWAY, BRIGHTON	T	O	3	STATE	03/07/00	4.294	FAIR	4,100	\$5,904,000
2243150	K	FOSTER AVE	BMT SUBWAY, BRIGHTON	T	O	1	STATE	03/09/00	4.383	FAIR	3,000	\$4,320,000
2243170	K	STERLING PLACE	FRANKLIN SHUTTLE	T	O	1	STATE	11/04/99	6.594	VGOOD	2,300	\$3,312,000
2243180	K	ST JOHNS PLACE	FRANKLIN SHUTTLE	T	O	1	STATE	11/03/99	6.797	VGOOD	2,200	\$3,168,000
2243190	K	LINCOLN PLACE	FRANKLIN SHUTTLE	T	O	3	STATE	03/17/00	7.000	VGOOD	3,400	\$4,896,000
2243200	K	UNION ST	FRANKLIN SHUTTLE	T	O	2	STATE	03/22/00	5.047	GOOD	4,100	\$5,904,000
2243210	K	PRESIDENT ST	FRANKLIN SHUTTLE	T	O	2	STATE	03/23/00	5.161	GOOD	2,500	\$3,600,000
2243220	K	CARROLL ST PED BRDG	FRANKLIN SHUTTLE	T	O-PED	3	CITY	07/07/00	5.484	GOOD	600	\$864,000
2243230	K	CROWN ST	FRANKLIN SHUTTLE	T	O	3	STATE	11/10/99	5.264	GOOD	4,800	\$6,912,000
2243240	K	MONTGOMERY ST	FRANKLIN SHUTTLE	T	O	1	STATE	11/08/99	6.627	VGOOD	2,200	\$3,168,000
2243250	K	WASHINGTON AVE	FRANKLIN SHUTTLE	T	O	1	STATE	03/15/00	6.328	VGOOD	6,500	\$9,360,000
2243260	K	FLATBUSH AVE	FRANKLIN SHUTTLE	T	O	2	STATE	03/20/00	5.254	GOOD	11,300	\$16,272,000
2243279	K	EASTERN PKWY	FRANKLIN SHUTTLE	T	O	1	STATE	03/21/00	4.833	FAIR	7,700	\$11,088,000
2243280	K	6TH AVE	LIRR ATLANTIC AVE	L	O	9	STATE	10/06/00	4.902	FAIR	12,276	\$17,677,440

**INVENTORY SORTED BY B.I.N.**

<b>BIN</b>	<b>BORO</b>	<b>FEATURE CARRIED</b>	<b>FEATURE CROSSED</b>	<b>RAIL ROAD</b>	<b>BRIDGE TYPE</b>	<b>SPANS</b>	<b>SOURCE</b>	<b>INSPECTION DATE</b>	<b>RATING</b>	<b>VERBAL RATING</b>	<b>DECK AREA</b>	<b>REPLACEMENT COST</b>
2243290	K	CARLTON AVE	LIRR ATLANTIC AVE	L	O	7	STATE	03/02/00	4.986	FAIR	10,823	\$15,585,120
2243310	K	2ND AVE	LIRR BAY RIDGE LINE	N	O	6	STATE	11/20/00	3.805	FAIR	17,000	\$24,480,000
2243320	K	3RD AVE	LIRR BAY RIDGE LINE	N	O	4	STATE	10/25/99	5.708	GOOD	17,230	\$24,811,200
2243330	K	4TH AVE	LIRR BAY RIDGE LINE	NT	O	6	STATE	11/04/99	5.833	GOOD	19,400	\$27,936,000
2243340	K	15TH AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	11/03/00	4.607	FAIR	3,614	\$5,204,160
2243350	K	60TH ST	LIRR BAY RIDGE LINE	N	O	1	STATE	10/06/99	6.867	VGOOD	3,900	\$5,616,000
2243360	K	16TH AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	11/03/00	6.817	VGOOD	5,300	\$7,632,000
2243370	K	17TH AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	02/29/00	5.313	GOOD	3,406	\$4,904,640
2243380	K	18TH AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	02/29/00	5.421	GOOD	6,006	\$8,648,640
2243390	K	52ND ST	LIRR BAY RIDGE LINE	N	O	2	STATE	04/20/00	4.052	FAIR	2,800	\$4,032,000
2243400	K	50TH ST	LIRR BAY RIDGE LINE	N	O	2	STATE	10/07/99	4.737	FAIR	7,100	\$10,224,000
2243410	K	MCDONALD AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	04/13/00	5.421	GOOD	2,760	\$3,974,400
2243420	K	E 3RD ST	LIRR BAY RIDGE LINE	N	O	1	STATE	10/19/99	4.959	FAIR	1,500	\$2,160,000
2243439	K	OCEAN PKWY	LIRR BAY RIDGE LINE	N	O	1	STATE	10/30/00	4.833	FAIR	7,000	\$10,080,000
2243440	K	CONEY ISLAND AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	03/01/00	5.744	GOOD	3,231	\$4,652,640
2243450	K	E 14TH ST	LIRR BAY RIDGE LINE	N	O	1	STATE	03/01/00	5.595	GOOD	1,775	\$2,556,000
2243460	K	E 15TH ST - PED	LIRR BAY RIDGE LINE	N	O-PED	3	CITY	06/29/95	3.650	FAIR	900	\$1,296,000
2243480	K	OCEAN AVE	LIRR BAY RIDGE LINE	N	O	2	STATE	10/30/00	4.859	FAIR	5,000	\$7,200,000
2243490	K	BEDFORD AVE	LIRR BAY RIDGE LINE	N	O	6	STATE	03/07/00	4.777	FAIR	12,000	\$17,280,000
2243500	K	NOSTRAND AVE	LIRR BAY RIDGE LINE	N	O	2	STATE	03/03/00	5.322	GOOD	4,320	\$6,220,800
2243510	K	FLATBUSH AVE	LIRR BAY RIDGE LINE	N	O	2	STATE	10/14/99	4.544	FAIR	5,700	\$8,208,000
2243520	K	BROOKLYN AVE	LIRR BAY RIDGE LINE	N	O	3	STATE	10/13/99	6.160	VGOOD	4,500	\$6,480,000
2243530	K	AVENUE H	LIRR BAY RIDGE LINE	N	O	2	STATE	10/13/99	6.882	VGOOD	35,100	\$50,544,000
2243569	K	ATLANTIC AVE	LIRR ATLANTIC AVE	L	O	75	STATE	11/20/00	3.535	FAIR	135,100	\$194,544,000
2243570	K	86TH ST	LIRR & SEA BEACH	LT	O	6	STATE	03/24/00	6.250	VGOOD	18,200	\$26,208,000
2243580	K	5TH AVE	LIRR & SEA BEACH	LT	O	4	STATE	05/03/00	4.472	FAIR	12,500	\$18,000,000
2243590	K	6TH AVE	LIRR & SEA BEACH	LT	O	5	STATE	05/02/00	3.583	FAIR	14,200	\$20,448,000
2243600	K	7TH AVE	LIRR & SEA BEACH	LT	O	7	STATE	05/01/00	5.402	GOOD	18,913	\$27,234,720
2243610	K	8TH AVE	LIRR & SEA BEACH	LT	O	4	STATE	05/04/00	3.779	FAIR	11,400	\$16,416,000
2243620	K	FORT HAMILTON PKWY	LIRR & SEA BEACH	LT	O	3	STATE	05/23/00	5.627	GOOD	14,800	\$21,312,000
2243630	K	11TH AVE	LIRR & SEA BEACH	LT	O	5	STATE	10/20/00	6.809	VGOOD	9,700	\$13,968,000
2243640	K	13TH AVE	LIRR & SEA BEACH	LT	O	5	STATE	10/27/99	4.500	FAIR	16,000	\$23,040,000
2243650	K	14TH AVE	LIRR BAY RIDGE LINE	N	O	4	STATE	11/10/00	4.286	FAIR	10,000	\$14,400,000
2243660	K	NEW UTRECHT AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	04/12/00	4.346	FAIR	2,400	\$3,456,000
2243670	K	15TH AVE	BMT SEA BEACH	T	O	6	STATE	05/10/00	3.772	FAIR	17,300	\$24,912,000
2243680	K	16TH AVE	BMT SEA BEACH	T	O	4	STATE	04/14/00	5.372	GOOD	6,816	\$9,815,040
2243690	K	17TH AVE	BMT SEA BEACH	T	O	4	STATE	04/12/00	3.710	FAIR	8,500	\$12,240,000
2243700	K	18TH AVE	BMT SEA BEACH	T	O	4	STATE	04/12/00	3.969	FAIR	8,700	\$12,528,000
2243710	K	19TH AVE	BMT SEA BEACH	T	O	4	STATE	04/07/00	4.026	FAIR	4,800	\$6,912,000
2243720	K	20TH AVE	BMT SEA BEACH	T	O	6	STATE	04/06/00	4.538	FAIR	12,500	\$18,000,000
2243730	K	65TH ST	BMT SEA BEACH	T	O	4	STATE	03/31/00	5.947	GOOD	12,000	\$17,280,000
2243740	K	BAY PKWY	BMT SEA BEACH	T	O	4	STATE	03/30/00	4.500	FAIR	16,800	\$24,192,000
2243750	K	AVENUE O	BMT SEA BEACH	T	O	4	STATE	10/04/99	6.471	VGOOD	4,658	\$6,707,520
2243760	K	AVENUE P	BMT SEA BEACH	T	O	4	STATE	10/08/99	6.894	VGOOD	6,000	\$8,640,000
2243770	K	KINGS HIGHWAY	BMT SEA BEACH	T	O	4	STATE	03/29/00	3.368	FAIR	12,000	\$17,280,000
2243780	K	HIGHLAWN AVE	BMT SEA BEACH	T	O	6	STATE	10/07/99	6.862	VGOOD	11,300	\$16,272,000
2243790	K	AVENUE S	BMT SEA BEACH	T	O	4	STATE	10/18/99	6.538	VGOOD	4,800	\$6,912,000
2243800	K	AVENUE T	BMT SEA BEACH	T	O	4	STATE	11/02/99	6.441	VGOOD	8,500	\$12,240,000
2243810	K	AVENUE U	BMT SEA BEACH	T	O	4	STATE	03/27/00	6.725	VGOOD	8,500	\$12,240,000
2243820	K	21ST AVE	BMT SEA BEACH	T	O	4	STATE	04/04/00	3.710	FAIR	21,400	\$30,816,000
2243839	K	4TH AVE	NYCTA BMT TRACKS	T	O	1	STATE	05/05/00	3.129	FAIR	4,100	\$5,904,000
2243840	K	9TH AVE	NYCTA BMT YARD	T	O	5	STATE	10/29/99	6.778	VGOOD	12,440	\$17,913,600
2243850	K	LIBERTY AVE	LIRR BAY RIDGE LINE	N	O	4	STATE	10/07/99	4.324	FAIR	6,400	\$9,216,000
2243860	K	GLENMORE AVE	LIRR BAY RIDGE LINE	N	O	2	STATE	11/01/00	4.017	FAIR	5,700	\$8,208,000
2243870	K	PITKIN AVE	LIRR BAY RIDGE LINE	N	O	3	STATE	11/01/00	4.088	FAIR	5,600	\$8,064,000
2243890	K	SUTTER AVE	LIRR BAY RIDGE LINE	N	O	3	STATE	10/12/99	4.382	FAIR	5,400	\$7,776,000
2243900	K	BLAKE AVE	LIRR BAY RIDGE LINE	N	O	3	STATE	04/14/00	5.309	GOOD	4,900	\$7,056,000
2243910	K	LIVONIA AVE PED BRDG	LIRR BAY RIDGE LINE	N	O-PED	3	CITY	05/24/94	5.375	GOOD	2,500	\$3,600,000
2243920	K	7TH AVE	NYCTA BMT YARD	T	O	2	STATE	05/11/00	3.916	FAIR	5,200	\$7,488,000
2243940	K	9TH AVE	NYCTA IND SBVY	T	O	5	STATE	10/29/99	4.895	FAIR	11,900	\$17,136,000
2244010	K	EMDALE ARCH E DRV	NR GRAND ARMY PLZ		O	1	CITY	06/19/98	4.633	FAIR	900	\$1,296,000
2244020	K	W DR OV WK-MA.ENT	MEADOWPORT ARCH		O	1	STATE	06/30/99	5.571	GOOD	2,500	\$3,600,000
2244030	K	EAST DRIVE	BRIDLE PATH		O	1	STATE	07/07/99	5.184	GOOD	2,000	\$2,880,000
2244040	K	EAST DRIVE	EAST WOOD ARCH		O	1	CITY	04/13/99	4.367	FAIR	900	\$1,296,000
2244050	K	CENTRAL DRIVE	PED PATH & STREAM		O	3	STATE	07/02/99	5.409	GOOD	7,400	\$10,656,000
2244060	K	CLEFT RIDGE SPAN	PROSPECT PARK		O	1	CITY	04/05/99	4.500	FAIR	900	\$1,296,000
2244120	K	HILL DRIVE	PROSPECT PK LAKE		WO	3	STATE	03/15/00	3.600	FAIR	7,800	\$11,232,000
2244150	K	RIDGE BLVD	SHORE RD DRIVE		O	1	STATE	07/14/99	4.600	FAIR	7,000	\$10,080,000
2244160	K	3RD AVE	SHORE RD DRIVE		O	1	STATE	07/20/99	3.600	FAIR	7,100	\$10,224,000
2244170	K	ATLNTC AV SVC RD E.B.	EAST NEW YORK AVE		O	2	STATE	06/16/99	4.544	FAIR	5,500	\$7,920,000

**INVENTORY SORTED BY B.I.N.**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2244180	K	ATLNTC AV SVC RD W.B.	EAST NEW YORK AVE		O	2	STATE	06/14/99	4.491	FAIR	6,200	\$8,928,000
2244421	K	WLLMSBRG BRDG NTH APP	DRIGGS AVE		O	1	STATE	02/16/00	4.293	FAIR	3,170	\$4,564,800
2244422	K	WLLMSBRG BRDG STH APP	DRIGGS AVE		O	1	STATE	02/13/96	4.068	FAIR	3,170	\$4,564,800
2244440	K	SOUTH OF TILLARY ST	NAVY ST		O-PED	1	CITY	03/16/00	4.333	FAIR	6,200	\$8,928,000
2244460	K	CONDUIT BLVD NB	ATLANTIC AVE EB		O	1	STATE	02/10/00	4.666	FAIR	3,800	\$5,472,000
2244470	K	SEELEY ST	PROSPECT AVE		O	1	STATE	07/22/99	3.867	FAIR	7,700	\$11,088,000
2244480	K	5TH AVE	GREENWOOD CEMETERY		O	1	STATE	07/21/99	4.733	FAIR	3,600	\$5,184,000
2245010	M	11TH AVE VIADUCT	LIRR WEST SIDE YARD	AL	O	39	STATE	11/21/00	3.750	FAIR	157,500	\$226,800,000
224501B	M	W 33RD ST	AMTRAK 30 ST BRANCH	A	O	8	STATE	04/10/00	4.347	FAIR	16,500	\$23,760,000
224501C	M	W 33RD ST	LAND ADJ TO AMTRAK	A	O	2	STATE	06/30/99	4.486	FAIR	4,620	\$6,652,800
224501D	M	W 34TH ST	AMTRAK 30 ST BRANCH	A	O	4	STATE	07/21/99	4.319	FAIR	11,800	\$16,992,000
224501E	M	W 35TH ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	04/21/00	4.388	FAIR	6,500	\$9,360,000
224501F	M	W 36TH ST	AMTRAK 30 ST BRANCH	A	O	7	STATE	08/28/00	4.119	FAIR	16,400	\$23,616,000
2245040	M	FORT TRYON PARK	SOUTH OF CLOISTERS		O	1	CITY	10/02/98	5.060	GOOD	750	\$1,080,000
2245050	M	FORT TRYON PARK	UNDERPASS		O	1	CITY	04/06/99	4.600	FAIR	750	\$1,080,000
2245060	M	W 37TH ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	08/24/00	3.961	FAIR	7,600	\$10,944,000
2245070	M	W 38TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	05/24/00	3.730	FAIR	6,200	\$8,928,000
2245080	M	W 39TH ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	06/02/00	4.365	FAIR	6,300	\$9,072,000
2245090	M	W 43RD ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/14/00	4.764	FAIR	4,100	\$5,904,000
2245100	M	W 44TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/15/00	4.661	FAIR	4,300	\$6,192,000
2245110	M	W 45TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/16/00	4.632	FAIR	4,100	\$5,904,000
2245120	M	W 46TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/25/00	4.676	FAIR	4,100	\$5,904,000
2245130	M	W 47TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/21/00	4.720	FAIR	4,100	\$5,904,000
2245140	M	W 48TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/22/00	4.735	FAIR	4,100	\$5,904,000
2245150	M	W 49TH ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	03/24/00	4.573	FAIR	4,100	\$5,904,000
2245160	M	W 51ST ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/04/00	4.764	FAIR	4,300	\$6,192,000
2245170	M	W 52ND ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/26/00	5.073	GOOD	4,300	\$6,192,000
2245180	M	W 53RD ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/04/00	5.338	GOOD	5,100	\$7,344,000
2245190	M	W 58TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/07/00	4.705	FAIR	4,100	\$5,904,000
2245209	M	11TH AVE	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/27/00	4.529	FAIR	15,400	\$22,176,000
2245210	M	W 42ND ST	AMTRAK 30 ST BRANCH	A	O	4	STATE	11/20/00	4.429	FAIR	10,300	\$14,832,000
2245220	M	W 57TH ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	04/14/00	4.867	FAIR	9,100	\$13,104,000
2245230	M	W 148TH ST PED BRDG	AMTRAK 30 ST BRANCH	A	O-PED	3	CITY	11/16/00	4.000	FAIR	1,100	\$1,584,000
2245250	M	W 158TH ST	AMTRAK 30 ST BRANCH	A	O	7	STATE	08/19/99	6.556	VGGOOD	29,170	\$42,004,800
2245260	M	W 173RD ST PED BRDG	AMTRAK 30 ST BRANCH	A	O-PED	2	CITY	11/14/00	4.743	FAIR	1,500	\$2,160,000
2245290	M	W 155TH ST PED BRDG	AMTRAK 30 ST BRANCH	A	O-PED	3	CITY	11/15/00	4.015	FAIR	800	\$1,152,000
2245300	M	INWOOD HILL PK FTBR	AMTRAK 30 ST BRANCH	A	O-PED	6	CITY	11/13/00	4.472	FAIR	700	\$1,008,000
2245319	M	E 97TH ST	METRO NORTH MAIN LN	M	O	1	STATE	10/09/00	5.000	GOOD	3,200	\$4,608,000
2245330	M	W 41ST ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	04/21/00	4.444	FAIR	6,200	\$8,928,000
2245340	M	W 50TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/27/00	4.647	FAIR	4,100	\$5,904,000
2245350	M	W 54TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/05/00	5.412	GOOD	4,700	\$6,768,000
2245360	M	W 55TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/06/00	5.352	GOOD	4,300	\$6,192,000
2245370	M	W 56TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/07/00	5.367	GOOD	4,400	\$6,336,000
2245380	M	E 66TH ST	PED WALK N. OF ZOO		O	1	STATE	04/10/00	5.000	GOOD	1,500	\$2,160,000
2245400	M	PED BRDG W OF 8TH AV	W 155TH ST		O-PED	1	CITY	10/08/93	1.000	POOR*	400	\$576,000
2245420	M	W 65TH ST E.B.	BRIDLE PATH W END		O	1	STATE	04/10/00	5.318	GOOD	1,600	\$2,304,000
2245440	M	W 40TH ST	AMTRAK 30 ST BRANCH	A	O	4	STATE	05/24/00	4.073	FAIR	9,400	\$13,536,000
2245460	M	PARK AVE S.B.	E 45TH ST		O	1	STATE	04/13/00	4.810	FAIR	2,400	\$3,456,000
2245470	M	PARK AVE N.B	E 45TH ST		O	1	STATE	04/13/00	4.973	FAIR	2,400	\$3,456,000
2245480	M	TO GWB OPP W 171ST ST	RIVERSIDE DRIVE		O	1	STATE	07/24/00	5.571	GOOD	10,800	\$15,552,000
2246000	M	WEST DRIVE	PED BET 61ST & 62ST		O	1	STATE	04/13/00	5.000	GOOD	2,500	\$3,600,000
2246030	M	PEDESTRIAN BRIDGE	POND		O-PED	1	CITY	03/22/00	3.857	FAIR	1,400	\$2,016,000
2246040	M	EAST DR AT CNTRL PARK	PEDESTRIAN WALK		O	1	CITY	04/16/99	4.870	FAIR	1,200	\$1,728,000
2246050	M	CENTRAL DRIVE	PED OPP 63RD ST		O	1	STATE	04/14/00	5.000	GOOD	2,000	\$2,880,000
2246069	M	EAST DRIVE	PEDESTRIAN WALK		O	1	STATE	04/21/00	4.566	FAIR	2,700	\$3,888,000
2246070	M	CPK UNDER CENTR DR	OPP 65TH ST-IN E&W		O	1	CITY	06/08/99	5.733	GOOD	1,200	\$1,728,000
2246080	M	WEST DRIVE	BRIDLE PATH @ 64TH ST		O	1	STATE	04/10/00	5.166	GOOD	2,000	\$2,880,000
2246090	M	PED BRDG OPP 65 ST	TRANSVERSE RD #1		O-PED	1	CITY	11/12/00	4.655	FAIR	2,300	\$3,312,000
2246100	M	CONTRAL DRIVE	TRANSVERSE RD #1		O	1	STATE	04/20/00	4.333	FAIR	6,000	\$8,640,000
2246110	M	EAST DRIVE	TRANSVERSE RD #1		O	1	STATE	04/21/00	4.600	FAIR	6,000	\$8,640,000
2246120	M	WEST DRIVE	TRANSVERSE RD #1		O	1	STATE	04/20/00	5.000	GOOD	7,900	\$11,376,000
2246130	M	CENTRAL PARK	UNDER EAST DRIVE		O	1	CITY	07/14/98	4.233	FAIR	1,200	\$1,728,000
2246140	M	72ND ST ENT TO W DR	BRIDLE PATH		O	1	STATE	02/21/00	5.066	GOOD	3,600	\$5,184,000
2246150	M	72ND ST CROSS DR	NEAR CONCERT GRNDS		O	3	STATE	03/02/00	4.941	FAIR	7,300	\$10,512,000
2246170	M	EAST DRIVE	PED WALK @ 73RD ST		O	1	STATE	02/28/00	5.018	GOOD	1,900	\$2,736,000
2246230	M	EAST DRIVE	TRANSVERSE RD #2		O	1	STATE	04/19/00	4.600	FAIR	6,500	\$9,360,000
2246240	M	WEST DRIVE	TRANSVERSE RD #2		O	1	STATE	04/19/00	4.166	FAIR	7,200	\$10,368,000
2246250	M	EAST DRIVE	TRANSVERSE RD #3		O	1	STATE	02/01/00	4.466	FAIR	5,100	\$7,344,000
2246260	M	WEST DRIVE	TRANSVERSE RD #3		O	1	STATE	01/28/00	4.800	FAIR	5,100	\$7,344,000

**INVENTORY SORTED BY B.I.N.**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2246270	M	EAST DRIVE	TRANSVERSE RD #4		O	1	STATE	01/31/00	3.966	FAIR	7,000	\$10,080,000
2246280	M	WEST DRIVE	TRANSVERSE RD #4		O	1	STATE	01/26/00	4.166	FAIR	4,700	\$6,768,000
2246330	M	WEST DRIVE	FEEDER TO LAKE		WO	1	STATE	02/29/00	5.000	GOOD	6,700	\$9,648,000
2246350	M	CNTRL PK OVER E DRIVE	S OF CLEOPATRAS NDL		O	1	CITY	11/24/98	4.800	FAIR	750	\$1,080,000
2246360	M	WEST DRIVE	PED WALK OPP 82 ST		O	1	STATE	03/02/00	6.045	VGOOD	3,100	\$4,464,000
2246400	M	E FOOTBRIDGE	TRANSVERSE RD #2		O-PED	1	CITY	06/10/00	3.900	FAIR	3,700	\$5,328,000
2246410	M	TRANSVERSE RD. #1	PED WALK NEAR 5 AV		O	1	STATE	04/10/00	4.409	FAIR	2,000	\$2,880,000
2246430	M	WEST DRIVE	PED OPP 109TH ST		O	1	STATE	04/07/00	4.266	FAIR	1,200	\$1,728,000
2246440	M	PED IN CTR OF PK	TRANSVERSE RD NO.2		O-PED	1	CITY	06/10/00	3.724	FAIR	5,900	\$8,496,000
2246450	M	79 ST ENTR TO E DR	PED PATH OPP 77TH ST		O	1	STATE	02/23/00	5.190	GOOD	5,000	\$7,200,000
2246460	M	77 ST ENTR TO W DR	PED PATH OPP 77TH ST		O	2	STATE	03/01/00	4.789	FAIR	5,800	\$8,352,000
2246470	M	EAST DRIVE	THE LOCH		O	1	STATE	04/05/00	4.700	FAIR	1,100	\$1,584,000
2246489	M	W 181 ST	RAMP TO WASH BR		O	1	STATE	03/06/00	4.766	FAIR	8,200	\$11,808,000
2246490	M	A.C. POWELL BLVD N.B.	A.C. POWELL BLVD		O	1	STATE	04/21/00	4.061	FAIR	5,600	\$8,064,000
2246500	M	FORT TRYON PLACE	ENTR FROM RIVERSIDE DR		O	1	STATE	04/17/00	4.366	FAIR	6,600	\$9,504,000
2246510	M	CORBIN PL OVERPASS	CORBIN PLACE		O	1	STATE	03/16/00	4.933	FAIR	2,200	\$3,168,000
2246540	M	E 34TH ST	PARK AVE TUNNEL		OT	1	STATE	09/09/00	4.266	FAIR	36,200	\$52,128,000
2246550	M	PARK AVE VIADUCT	E 42ND ST		O	10	STATE	09/20/00	4.597	FAIR	19,600	\$28,224,000
2246560	M	TUDOR CITY PLACE	E 42ND ST		O	1	STATE	03/24/00	5.027	GOOD	6,600	\$9,504,000
2246570	M	UNITED NATIONS PL	FIRST AVE TUNNEL		OT	2	STATE	10/02/00	5.078	GOOD	92,200	\$132,768,000
2246600	M	W 176TH ST PED BRDG	APPROACH TO G.W.B.		O-PED	1	CITY	10/12/99	4.778	FAIR	1,200	\$1,728,000
2246620	M	PEDESTRIAN BRIDGE	E 128TH ST		O-PED	18	CITY	12/08/99	4.019	FAIR	2,300	\$3,312,000
2246660	M	RIVERSIDE DRIVE	W 125TH ST & OTHERS		O	27	STATE	09/30/99	4.458	FAIR	148,300	\$213,552,000
2246670	M	W 134 ST VIADUCT	RIVERSIDE DRIVE		O	3	STATE	07/13/99	5.000	GOOD	7,927	\$11,414,880
2246690	M	ISHAM PK VEHICULR	HARLEM RIVER INLET		O	1	STATE	04/26/00	4.366	FAIR	700	\$1,008,000
2246710	M	W 153 ST	A.C. POWELL BLVD		O	1	STATE	04/20/00	4.388	FAIR	3,082	\$4,438,080
2246720	M	RIVERSIDE DRIVE	W 158TH ST		O	77	STATE	11/19/00	3.597	FAIR	181,400	\$261,216,000
2246970	M	RIVERSIDE DRIVE	W 96TH ST		O	3	STATE	08/02/00	5.352	GOOD	10,600	\$15,264,000
2246980	M	RIVERSIDE DRIVE	W 138TH ST		O	1	STATE	07/11/00	4.633	GOOD	6,700	\$9,648,000
2246990	M	129 - 130 ST PED BRDG	RAMP OFF 3RD AVE		O-PED	5	CITY	09/06/00	4.095	FAIR	500	\$720,000
2247020	Q	94TH ST PED BRDG	LIRR N SIDE DIV	L	O-PED	5	CITY	12/12/00	4.211	FAIR	500	\$720,000
2247040	Q	UNION ST	LIRR N SIDE DIV	L	O	1	STATE	04/26/99	6.389	VGOOD	3,313	\$4,770,720
2247050	Q	BOWNE AVE	LIRR N SIDE DIV	L	O	1	STATE	06/23/00	5.862	GOOD	4,974	\$7,162,560
2247060	Q	PARSONS BLVD	LIRR N SIDE DIV	L	O	1	STATE	06/26/00	5.333	GOOD	4,200	\$6,048,000
2247070	Q	147TH ST	LIRR N SIDE DIV	L	O	1	STATE	04/27/99	5.745	GOOD	2,800	\$4,032,000
2247080	Q	149TH ST	LIRR N SIDE DIV	L	O	1	STATE	04/28/99	4.857	FAIR	4,100	\$5,904,000
2247090	Q	149TH PLACE	LIRR N SIDE DIV	L	O	2	STATE	04/29/99	5.667	GOOD	4,300	\$6,192,000
2247100	Q	150TH ST	LIRR N SIDE DIV	L	O	2	STATE	04/30/99	6.588	VGOOD	7,830	\$11,275,200
2247110	Q	MURRAY ST	LIRR N SIDE DIV	L	O	1	STATE	05/03/99	5.556	GOOD	4,000	\$5,760,000
2247120	Q	WOODSIDE AVE	LIRR MAIN LINE	L	O	3	STATE	10/04/99	4.302	FAIR	14,900	\$21,456,000
2247130	Q	CORPORAL KENNEDY ST	LIRR N SIDE DIV	L	O	2	STATE	05/04/99	6.529	VGOOD	4,340	\$6,249,600
2247140	Q	BELL BLVD	LIRR N SIDE DIV	L	O	1	STATE	05/21/99	6.186	VGOOD	4,320	\$6,220,800
2247150	Q	65TH ST	LIRR N SIDE DIV	L	O	3	STATE	10/05/99	4.667	FAIR	6,000	\$8,640,000
2247160	Q	65TH PLACE	LIRR N SHR DIV	L	O	3	STATE	10/08/99	6.500	VGOOD	8,381	\$12,068,640
2247170	Q	DOUGLSTON PKWY	LIRR N SIDE DIV	L	O	3	STATE	06/28/00	5.423	GOOD	6,300	\$9,072,000
2247180	Q	GRAND AVE	LIRR MAIN LINE	L	O	3	STATE	07/12/00	5.000	GOOD	7,415	\$10,677,600
2247190	Q	55TH AVE PED BRDG	LIRR MAIN LINE	L	O-PED	3	CITY	12/07/00	4.429	FAIR	13,000	\$18,720,000
2247220	Q	80TH ROAD	LIRR MAIN LINE	L	O	3	STATE	06/02/99	4.873	FAIR	4,100	\$5,904,000
2247230	Q	82ND AVE	LIRR MAIN LINE	L	O	3	STATE	06/03/99	5.443	GOOD	4,100	\$5,904,000
2247240	Q	LEFFERTS BLVD	LIRR MAIN LINE	L	O	3	STATE	06/09/99	6.014	VGOOD	5,460	\$7,862,400
2247260	Q	JACKSON AVE	LIRR,AMT,CON NE	L	O	1	STATE	08/02/00	6.316	VGOOD	4,517	\$6,504,480
2247270	Q	21ST STREET	CONRAIL	C	O	6	STATE	06/14/99	5.764	GOOD	17,590	\$25,329,600
2247290	Q	49TH AVE	LIRR,AMT,CON NE	L	O	5	STATE	08/04/00	4.027	FAIR	20,200	\$29,088,000
2247300	Q	THOMPSON AVE	AMTRAK YARD	L	O	14	STATE	08/18/00	5.527	GOOD	61,280	\$88,243,200
2247310	Q	QUEENS BLVD	AMTRAK & LIRR YARD	L	O	19	STATE	09/21/00	3.000	POOR	92,400	\$133,056,000
2247320	Q	HONEYWELL ST	AMTRAK & LIRR YARD	AL	O	22	STATE	09/18/00	2.500	POOR*	98,300	\$141,552,000
2247330	Q	39TH ST (NORTH)	SUNNYSIDE YARDS	AL	O	15	STATE	08/20/99	6.722	VGOOD	48,200	\$69,408,000
2247370	Q	37TH AVE	CONRAIL HELLGATE	C	O	1	STATE	10/27/99	4.818	FAIR	5,300	\$7,632,000
2247380	Q	ROOSEVELT AVE	CONRAIL HELLGATE	C	O	2	STATE	08/07/00	5.097	GOOD	5,200	\$7,488,000
2247390	Q	41ST AVE	CONRAIL HELLGATE	C	O	2	STATE	10/26/99	4.942	FAIR	4,000	\$5,760,000
2247400	Q	WOODSIDE AVE	CONRAIL	C	O	1	STATE	03/29/99	5.067	GOOD	8,200	\$11,808,000
2247410	Q	43RD AVE	CONRAIL	C	O	1	STATE	03/30/99	5.033	GOOD	4,800	\$6,912,000
2247420	Q	44TH AVE	CONRAIL	C	O	1	STATE	03/30/99	5.033	GOOD	5,100	\$7,344,000
2247430	Q	45TH AVE	CONRAIL	C	O	1	STATE	03/31/99	3.918	FAIR	2,400	\$3,456,000
2247440	Q	GRAND AVE	CONRAIL	C	O	1	STATE	04/01/99	4.397	FAIR	3,400	\$4,896,000
2247450	Q	57TH AVE	CONRAIL	C	O	1	STATE	04/05/99	6.683	VGOOD	2,400	\$3,456,000
2247460	Q	CALDWELL AVE	CONRAIL	C	O	1	STATE	08/09/00	6.638	VGOOD	2,243	\$3,229,920
2247470	Q	ELIOT AVE	CONRAIL	C	O	1	STATE	04/06/99	5.250	GOOD	3,600	\$5,184,000
2247480	Q	JUNIPER BLVD SO	CONRAIL	C	O	1	STATE	04/06/99	6.278	VGOOD	8,500	\$12,240,000
2247490	Q	69TH ST JUNPR BLVD	CONRAIL	C	O	1	STATE	08/08/00	5.709	GOOD	6,175	\$8,892,000

**INVENTORY SORTED BY B.I.N.**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2247500	Q	METROPOLITAN AVE	CONRAIL	C	O	1	STATE	04/07/99	4.767	FAIR	18,650	\$26,856,000
2247530	Q	ANDREWS AVE	LIRR MONTAUK DIV	L	O	4	STATE	06/08/00	4.032	FAIR	3,200	\$4,608,000
2247540	Q	60TH ST	LIRR MONTAUK DIV	L	O	2	STATE	05/12/99	5.277	GOOD	5,340	\$7,689,600
2247550	Q	ELIOT AVE	LIRR MONTAUK DIV	L	O	2	STATE	05/13/99	5.885	GOOD	9,200	\$13,248,000
2247570	Q	80TH ST	71ST TO 77TH AVE	L	O	5	STATE	06/20/00	5.000	GOOD	11,725	\$16,884,000
2247590	Q	FOREST PARK DRIVE	LIRR MONTAUK DIV	L	O	5	STATE	06/15/00	4.087	FAIR	6,000	\$8,640,000
2247600	Q	PARK LANE SOUTH	LIRR MONTAUK DIV	AL	O	3	STATE	06/22/00	7.000	VGOOD	5,900	\$8,496,000
2247620	Q	MYRTLE AVE	ABANDONED LIRR	L	O	3	STATE	01/28/00	5.277	GOOD	6,725	\$9,684,000
2247630	Q	PED BRG NEAR UNION TPK	ABANDONED LIRR		O-PED	8	CITY	08/29/00	5.154	GOOD	900	\$1,296,000
2247640	Q	39TH ST (SOUTH)	AMTRAK & LIRR YARD	AL	O	9	STATE	08/25/99	6.639	VGOOD	34,100	\$49,104,000
2247650	Q	60TH RD PED BRDG	LIRR MAIN LINE	L	O-PED	3	CITY	06/17/97	5.207	GOOD	2,293	\$3,301,920
2247660	Q	FOREST PARK DRIVE	ABANDONED LIRR	L	O	6	STATE	05/26/00	3.388	FAIR	10,000	\$14,400,000
2247680	Q	221ST ST	LIRR N SIDE DIV	L	O	3	STATE	05/06/99	5.882	GOOD	6,050	\$8,712,000
2248019	Q	WOODHAVEN BLVD	ATLANTIC AVE		O	3	STATE	06/29/00	4.472	FAIR	19,400	\$27,936,000
2248020	Q	WHITELAW PED BRDG	CONDUIT AVE		O-PED	7	CITY	09/06/00	4.887	FAIR	5,500	\$7,920,000
2248039	Q	CROSS BAY BLVD	CONDUIT AVE		O	2	STATE	05/31/00	3.555	FAIR	17,000	\$24,480,000
2248040	Q	LINDEN BLVD	CONDUIT AVE		O	1	STATE	03/20/00	5.266	GOOD	3,352	\$4,826,880
2248129	Q	UNION TPKE	CREEDMOOR HOSP RD		O	1	STATE	03/08/99	4.333	FAIR	3,500	\$5,040,000
2248159	Q	WOODHAVEN BLVD	QUEENS BLVD		O	2	STATE	03/24/00	4.307	FAIR	11,500	\$16,560,000
2248160	Q	ELLIOT AVE	QUEENS BLVD		O	2	STATE	07/11/00	4.771	FAIR	13,785	\$19,850,400
2248200	Q	RUST ST	FLUSHING AVE		O	1	STATE	04/20/99	5.391	GOOD	2,900	\$4,176,000
2248220	Q	FLUSHING AV SERVICE	FLUSHING AVE		O	1	STATE	03/24/99	5.125	GOOD	3,000	\$4,320,000
2248230	Q	BEACH CHANNEL DR WB	BEACH CHANNEL DR EB		O	1	STATE	03/30/99	4.200	FAIR	3,600	\$5,184,000
2248240	Q	SERVICE RD TURNAROUND	OVER FLUSHING AVE		O	1	STATE	03/25/99	5.188	GOOD	2,900	\$4,176,000
2248250	Q	102ND ST	HAWTREE BASIN		WO	7	STATE	09/23/99	6.941	VGOOD	3,200	\$4,608,000
2248260	Q	FLUSHING MEADW PARK	MEADOW LAKE & 69TH RD		WO	5	STATE	03/02/00	4.800	FAIR	4,200	\$6,048,000
2248299	Q	INTER PKWY-UNION TPK	AUSTIN ST		O	1	STATE	01/05/00	4.750	FAIR	5,900	\$8,496,000
2248300	Q	71ST AVE	COOPER AVE		O	1	STATE	03/19/99	4.169	FAIR	2,800	\$4,032,000
2248340	Q	FOREST PARK DR	MYRTLE AVE		O	3	STATE	02/16/99	3.537	FAIR	5,100	\$7,344,000
2248369	Q	ROCKAWAY BLVD	THURSTON BASIN		WO	2	STATE	04/28/00	3.684	FAIR	6,000	\$8,640,000
2249020	R	HOPE AVE	B&O RR (ABANDONED)		O	1	STATE	11/08/99	4.224	FAIR	2,500	\$3,600,000
2249040	R	TOMPKINS AVE	B&O RR (ABANDONED)		O	1	STATE	02/29/00	6.515	VGOOD	5,096	\$7,338,240
2249060	R	McCLEAN AVE	B&O RR (ABANDONED)		O	1	STATE	02/28/00	3.981	FAIR	2,500	\$3,600,000
2249070	R	JOHN ST	B&O RAILROAD	O	O-PED	3	CITY	01/04/00	6.806	VGOOD	5,800	\$8,352,000
2249090	R	MORNINGSTAR ROAD	B&O RAILROAD	O	O	4	STATE	06/24/99	5.508	GOOD	7,900	\$11,376,000
2249100	R	GRANITE AVE	B&O RAILROAD	O	O	4	STATE	02/21/00	6.372	VGOOD	7,300	\$10,512,000
2249110	R	LAKE AVE	B&O RAILROAD	O	O	3	STATE	05/27/99	6.074	VGOOD	5,900	\$8,496,000
2249120	R	SIMONSON AVE	B&O RAILROAD	O	O	3	STATE	05/18/99	6.111	VGOOD	5,819	\$8,379,360
2249130	R	VAN NAME AVE	B&O RAILROAD	O	O	3	STATE	06/22/00	5.389	GOOD	5,474	\$7,882,560
2249140	R	VAN PELT AVE	B&O RAILROAD	O	O	3	STATE	05/20/99	5.847	GOOD	5,000	\$7,200,000
2249160	R	DE HART AVE	B&O RAILROAD	O	O	4	STATE	05/21/99	6.519	VGOOD	6,700	\$9,648,000
2249170	R	UNION AVE	B&O RAILROAD	O	O	4	STATE	05/27/99	5.426	GOOD	6,500	\$9,360,000
2249180	R	HARBOR ROAD	B&O RAILROAD	O	O	4	STATE	05/28/99	6.254	VGOOD	6,615	\$9,525,600
2249200	R	SOUTH AVE	B&O RAILROAD	O	O	5	STATE	06/09/00	2.469	POOR	10,100	\$14,544,000
2249210	R	MAIN ST PED BRDG	SIRT SOUTH SHORE	S	O-PED	9	CITY	03/15/00	4.895	FAIR	400	\$576,000
2249230	R	TRACY AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	9	CITY	03/13/00	3.968	FAIR	200	\$288,000
2249240	R	ARTHUR KILL ROAD	SIRT SOUTH SHORE	S	O	1	STATE	06/02/00	4.944	FAIR	3,700	\$5,328,000
2249250	R	BETHEL AV PED BRDG	SIRT SOUTH SHORE	S	O-PED	12	CITY	06/15/00	3.739	FAIR	500	\$720,000
2249269	R	PAGE AVE	SIRT SOUTH SHORE	S	O	4	STATE	08/16/99	6.375	VGOOD	30,420	\$43,804,800
2249270	R	RICHMOND VALLEY ROAD	SIRT SOUTH SHORE	S	O	4	STATE	08/11/99	5.418	GOOD	9,300	\$13,392,000
2249280	R	COZZINS BLVD PED BRDG	SIRT SOUTH SHORE	S	O-PED	7	CITY	03/22/00	4.913	FAIR	200	\$288,000
2249290	R	SEGUINE AVE	SIRT SOUTH SHORE	S	O	1	STATE	08/13/99	5.953	GOOD	2,200	\$3,168,000
2249300	R	HUGUENOT AVE	SIRT SOUTH SHORE	S	O	2	STATE	08/19/99	4.339	FAIR	4,900	\$7,056,000
2249320	R	ALBEE AVE	SIRT SOUTH SHORE	S	O	3	STATE	08/19/99	4.689	FAIR	6,500	\$9,360,000
2249330	R	ANNADALE ROAD	SIRT SOUTH SHORE	S	O	2	STATE	08/19/99	4.471	FAIR	4,500	\$6,480,000
2249350	R	NELSON AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	1	CITY	03/14/00	5.176	GOOD	300	\$432,000
2249360	R	GIFFORDS LANE	SIRT SOUTH SHORE	S	O	1	STATE	06/19/00	5.718	GOOD	3,042	\$4,380,480
2249370	R	GREAVES AVE	SIRT SOUTH SHORE	S	O	3	STATE	06/22/00	3.789	FAIR	6,100	\$8,784,000
2249380	R	GUYON AVE	SIRT SOUTH SHORE	S	O	3	STATE	08/20/99	4.902	FAIR	6,900	\$9,936,000
2249390	R	CEDARVIEW AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	5	CITY	03/14/00	4.684	FAIR	600	\$864,000
2249400	R	BEACH AVE	SIRT SOUTH SHORE	S	O	2	STATE	08/23/99	5.879	GOOD	3,700	\$5,328,000
2249410	R	ROSS AVE	SIRT SOUTH SHORE	S	O	2	STATE	08/25/99	5.500	GOOD	3,800	\$5,472,000
2249420	R	ROSE AVE	SIRT SOUTH SHORE	S	O	2	STATE	08/24/99	5.591	GOOD	3,800	\$5,472,000
2249430	R	NEW DORP LANE	SIRT SOUTH SHORE	S	O	2	STATE	08/26/99	4.939	FAIR	7,600	\$10,944,000
2249440	R	BANCROFT AVE	SIRT SOUTH SHORE	S	O	3	STATE	08/27/99	5.049	GOOD	5,900	\$8,496,000
2249450	R	FREMONT AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	3	CITY	03/29/00	4.821	FAIR	800	\$1,152,000
2249460	R	LINCOLN AVE	SIRT SOUTH SHORE	S	O	1	STATE	08/31/99	5.466	GOOD	4,500	\$6,480,000
2249470	R	MIDLAND AVE	SIRT SOUTH SHORE	S	O	1	STATE	09/01/99	5.828	GOOD	3,000	\$4,320,000
2249480	R	FINGERBOARD ROAD	SIRT SOUTH SHORE	S	O	2	STATE	09/02/99	6.778	VGOOD	5,100	\$7,344,000

**INVENTORY SORTED BY B.I.N.**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2249490	R	CLOVE ROAD	SIRT SOUTH SHORE	S	O	3	STATE	06/20/00	6.222	VGOOD	8,200	\$11,808,000
2249510	R	TOMPKINS AVE	WILLOW AVE, SIRT	S	O	2	STATE	06/21/00	5.915	GOOD	5,378	\$7,744,320
2249520	R	HANNAH ST	SIRT SOUTH SHORE	S	O	10	STATE	10/01/99	5.254	GOOD	10,020	\$14,428,800
2249530	R	MINTHORNE ST PED BRDG	SIRT SOUTH SHORE	S	O-PED	23	CITY	10/10/00	7.000	VGOOD	1,600	\$2,304,000
2249580	R	BELFIELD AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	5	CITY	03/13/00	4.333	FAIR	400	\$576,000
2249760	R	MARTLINGS AVE	RICHMOND LAKE DAM		WO	2	STATE	07/15/99	4.900	FAIR	7,000	\$10,080,000
2249800	R	FOREST AVE	CLOVE LAKES PK STREAM		WO	1	STATE	07/13/99	4.864	FAIR	1,600	\$2,304,000
2249810	R	HYLAN BLVD	LEMON CREEK		WO	1	STATE	09/12/00	6.625	VGOOD	11,400	\$16,416,000
2249820	R	ARTHUR KILL ROAD	ARTHUR KILL STREAM		WO	1	STATE	07/13/99	4.102	FAIR	2,000	\$2,880,000
2249840	R	TOMPKINS AVE	GREENFIELD AVE		O	1	STATE	03/01/00	5.744	GOOD	2,562	\$3,689,280
2249860	R	SLATER BLVD	NEW CREEK		WO	1	STATE	06/02/99	4.224	FAIR	3,500	\$5,040,000
2249870	R	TRAVIS AVE	MAIN CREEK		WO	1	STATE	02/21/00	4.218	FAIR	1,700	\$2,448,000
2249880	R	CHELSEA ROAD	SAWMILL CREEK		WO	1	STATE	06/29/99	7.000	VGOOD	2,197	\$3,163,680
2257569	M	MILLER HIGHWAY	TERRAIN		A	63	STATE	10/15/99	4.535	FAIR	287,539	\$414,056,160
2266129	Q	WINCHESTER BLVD S.B.	BCIP		A	1	STATE	03/21/00	4.659	FAIR	4,400	\$6,336,000
2266139	Q	WINCHESTER BLVD N.B.	BCIP		A	1	STATE	03/22/00	4.795	FAIR	6,400	\$9,216,000
2266149	Q	HEMPSTEAD AVE	CROSS ISLAND PKWY		A	2	STATE	05/12/00	4.076	FAIR	9,500	\$13,680,000
2266160	Q	678I SB TO BCIP EB	ACCESS RD FROM 678I		A	1	STATE	04/05/00	4.593	FAIR	2,300	\$3,312,000
2266229	M	HHP	PED UNDERPASS @ 148 ST		A	1	STATE	04/11/00	4.714	FAIR	1,800	\$2,592,000
2266230	M	HHP	PED UNDERPASS INWD PK		A	1	STATE	02/17/00	4.909	FAIR	800	\$1,152,000
2266240	M	HHP	PED UNDERPASS INWD PK		A	1	STATE	03/14/00	5.857	GOOD	1,100	\$1,584,000
2266540	B	BRUCKNER BLVD OVRPAS	133RD - 135TH ST		A	2	STATE	06/16/99	4.548	FAIR	32,900	\$47,376,000
2266630	M	E 48TH ST RAMP	FDR DRIVE S.B.		A	14	STATE	12/14/98	7.000	VGOOD	18,728	\$26,968,320
226672A	M	W 31ST ST	AMTRAK LAYUP TRACKS	A	O	9	STATE	08/28/00	3.524	FAIR	8,800	\$12,672,000
2266770	Q	CROSS ISLAND PKWY	LAURELTON PKWY		A	1	STATE	05/05/00	5.111	GOOD	9,508	\$13,691,520
2267130	M	RIVERSIDE DRIVE	W 145TH ST		O	1	STATE	05/21/99	4.867	FAIR	5,800	\$8,352,000
2267160	Q	ROOSEVELT AVE	FLUSHING MDW PK ROAD		O	4	STATE	03/11/99	4.587	FAIR	7,280	\$10,483,200
2267199	Q	FRANCIS LEWIS BLVD	PARK ROAD		O	1	STATE	03/31/99	4.733	FAIR	7,085	\$10,202,400
2267240	M	HRD NB RAMP	HARLEM RIVER DR		A	51	STATE	11/15/00	2.851	POOR	112,860	\$162,518,400
2267250	M	HHP	AMTRAK 30TH ST LINE	A	A	55	STATE	07/11/00	3.516	FAIR	40,000	\$57,600,000
2267380	M	WEST STREET	RECTOR ST		AT	1	STATE	11/23/99	4.667	FAIR	4,320	\$6,220,800
2267717	M	79 ST PED PLAZA	79 ST BT BASIN GAR		A	10	STATE	09/21/99	4.444	FAIR	27,400	\$39,456,000
2267718	M	79 ST TRAFFIC CIRC	79 ST PED PLAZA		A	34	STATE	10/22/99	3.770	FAIR	24,130	\$34,747,200
226771A	M	79 ST RAMP TO HHP	79 ST BT BASIN GAR		AR	4	STATE	07/12/99	4.113	FAIR	3,131	\$4,508,640
226771B	M	79 ST RAMP TO GAR	79 ST BT BASIN GAR		AR	21	STATE	12/09/99	4.088	FAIR	7,114	\$10,244,160
226771C	M	GAR RAMP TO 79 ST	79 ST BT BASIN GAR		AR	21	STATE	12/13/99	4.226	FAIR	9,095	\$13,096,800
226771D	M	SB HHP RAMP TO 79 ST	79 ST BT BASIN GAR		AR	4	STATE	07/12/99	4.371	FAIR	2,601	\$3,745,440
2267860	K	BROOKLYN BR APPROACH	SANDS STREET		O	1	STATE	11/21/00	4.660	FAIR	6,490	\$9,345,600
2268350	K	BROOKLYN PROMENADE	278I N.B. (B.Q.E.)		A-PED	35	CITY	08/04/00	3.857	FAIR	46,184	\$66,504,960
2268480	M	CHAMBERS ST PED BRDG	WEST SIDE HWY		O-PED	8	CITY	06/05/00	6.623	VGOOD	3,344	\$4,815,360
2268497	K	278I W.B. (B.Q.E.)	FURMAN ST		A	45	STATE	08/04/99	4.188	FAIR	78,022	\$112,351,680
2268498	K	278I E.B. (B.Q.E.)	278I W.B. (B.Q.E.)		A	69	STATE	09/14/99	3.828	FAIR	120,734	\$173,856,960
2268507	K	278I W.B. (B.Q.E.)	YORK ST		A	6	STATE	07/07/99	4.438	FAIR	9,380	\$13,507,200
2268508	K	278I E.B. (B.Q.E.)	278I W.B. (B.Q.E.)		A	11	STATE	04/26/00	3.857	FAIR	17,956	\$25,856,640
2268517	K	278I W.B. (B.Q.E.)	FURMAN ST		A	7	STATE	08/13/99	4.294	FAIR	10,988	\$15,822,720
2268518	K	278I E.B. (B.Q.E.)	278I W.B. (B.Q.E.)		A	5	STATE	08/19/99	4.381	FAIR	8,375	\$12,060,000
2268650	M	FDR NB 42ND TO 49ST	EAST RIVER		A	119	STATE	09/14/99	4.491	FAIR	30,767	\$44,304,480
2268760	M	PS-5 PEDESTRIAN BR.	TENTH AVENUE		O-PED	5	CITY	05/23/00	6.592	VGOOD	1,500	\$2,160,000
2268770	Q	SPRINGFIELD BLVD	EQUES. PATH (ABAND.)		O	1	STATE	07/12/99	4.333	FAIR	1,470	\$2,116,800
2268920	R	AMBOY ROAD	LEMON CREEK		WO	1	STATE	02/07/00	7.000	VGOOD*	1,444	\$2,079,360
2268930	M	MORRIS ST PED BRDG	BKLN-BATTERY TUNN PLZ		A-PED	3	CITY	07/11/00	4.535	FAIR	1,200	\$1,728,000
2269030	B	MATTHEWSON ROAD	McCRACKEN AVE		O	15	STATE	09/22/98	4.000	FAIR	14,880	\$21,427,200
2269190	M	W.70TH STREET	AMTRAK		O	3	STATE		7.000	VGOOD*	17,433	\$25,103,520
2269210	M	W.68TH STREET	AMTRAK		O	3	STATE		7.000	VGOOD*	5,349	\$7,702,560
2269260	K	W. 8TH STREET	SURF AVE.		O-PED	55	CITY	06/12/00	4.111	FAIR	14,742	\$21,228,480
2300130	Q	HOOK CREEK	HOOK CREEK BRIDGE		W	3	STATE	09/24/99	6.552	VGOOD	18,302	\$26,354,880
7703720	Q	216TH ST PED BRDG	LIRR PORT WASH BRANCH	L	O-PED	5	CITY	12/07/00	4.102	FAIR	400	\$576,000
7705510	Q	167TH ST PED BRDG	LIRR PORT WASH BRANCH	L	O-PED	3	CITY	12/05/00	4.438	FAIR	600	\$864,000
M00001	M	PEDESTRIAN TUNNEL	BROADWAY TO		O-PED	1	CITY	07/12/00	4.200	FAIR	2,000	\$2,880,000
M00003	M	HHP ON/OFF RMP-79 WB	PEDESTRIAN PATH		A	1	CITY	11/16/00	4.767	FAIR	900	\$1,296,000
M00004	M	HHP ON/OFF RMP-79 EB	PEDESTRIAN PATH		A	1	CITY	07/20/00	4.933	FAIR	900	\$1,296,000
Q00002	Q	BCIP	PATH OPPOSITE 88TH RD		A	1	CITY	07/16/98	5.467	GOOD	1,200	\$1,728,000
<b>759 BRIDGES</b>						<b>4630</b>	<b>SPANS</b>					<b>\$20,923,432,320</b>

**INVENTORY SORTED BY FEATURE CARRIED**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2248250	Q	102ND ST	HAWTREE BASIN		WO	7	STATE	09/23/99	6.941	VGOOD	3,200	\$4,608,000
2243630	K	11TH AVE	LIRR & SEA BEACH	LT	O	5	STATE	10/20/00	6.809	VGOOD	9,700	\$13,968,000
2245209	M	11TH AVE	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/27/00	4.529	FAIR	15,400	\$22,176,000
2245010	M	11TH AVE VIADUCT	LIRR WEST SIDE YARD	AL	O	39	STATE	11/21/00	3.750	FAIR	157,500	\$226,800,000
2246990	M	129 - 130 ST PED BRDG	RAMP OFF 3RD AVE		O-PED	5	CITY	09/06/00	4.095	FAIR	500	\$720,000
2231730	Q	130TH AVE	BLP E.B.		A	1	STATE	01/03/00	5.000	GOOD	4,400	\$6,336,000
2231740	Q	130TH AVE	BLP W.B.		A	1	STATE	01/04/00	4.666	FAIR	4,400	\$6,336,000
2231590	Q	130TH ST	BSOP		A	2	STATE	01/14/00	4.818	FAIR	6,800	\$9,792,000
2243640	K	13TH AVE	LIRR & SEA BEACH	LT	O	5	STATE	10/27/99	4.500	FAIR	16,000	\$23,040,000
2240089	BM	145TH ST BRIDGE	HARLEM RIVER		WM	8	STATE	05/30/00	3.347	FAIR	56,700	\$81,648,000
2231980	Q	147TH ST	BCIP		A	2	STATE	01/12/00	4.727	FAIR	6,300	\$9,072,000
2247070	Q	147TH ST	LIRR N SIDE DIV	L	O	1	STATE	04/27/99	5.745	GOOD	2,800	\$4,032,000
2247090	Q	149TH PLACE	LIRR N SIDE DIV	L	O	2	STATE	04/29/99	5.667	GOOD	4,300	\$6,192,000
2231960	Q	149TH ST	BCIP		A	2	STATE	01/13/00	4.500	FAIR	6,100	\$8,784,000
2247080	Q	149TH ST	LIRR N SIDE DIV	L	O	1	STATE	04/28/99	4.857	FAIR	4,100	\$5,904,000
2231970	Q	14TH AVE	BCIP		A	2	STATE	01/13/00	4.613	FAIR	8,100	\$11,664,000
2243650	K	14TH AVE	LIRR BAY RIDGE LINE	N	O	4	STATE	11/10/00	4.286	FAIR	10,000	\$14,400,000
2231950	Q	150TH ST	BCIP		A	2	STATE	01/21/00	4.363	FAIR	5,900	\$8,496,000
2247100	Q	150TH ST	LIRR N SIDE DIV	L	O	2	STATE	04/30/99	6.588	VGOOD	7,830	\$11,275,200
2243340	K	15TH AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	11/03/00	4.607	FAIR	3,614	\$5,204,160
2243670	K	15TH AVE	BMT SEA BEACH	T	O	6	STATE	05/10/00	3.772	FAIR	17,300	\$24,912,000
2231920	Q	160TH ST	BCIP		A	2	STATE	02/02/99	6.472	VGOOD	5,500	\$7,920,000
2240650	Q	163RD ST PED BRDG	HAWTREE BASIN		W-PED	13	CITY	11/03/00	4.667	FAIR	5,000	\$7,200,000
7705510	Q	167TH ST PED BRDG	LIRR PORT WASH BRANCH	L	O-PED	3	CITY	12/05/00	4.438	FAIR	600	\$864,000
2243360	K	16TH AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	11/03/00	6.817	VGOOD	5,300	\$7,632,000
2243680	K	16TH AVE	BMT SEA BEACH	T	O	4	STATE	04/14/00	5.372	GOOD	6,816	\$9,815,040
206672A	B	174TH ST-NTH PED BRDG	895I - SHERIDAN EXPWY		A-PED	4	CITY	12/07/99	4.960	FAIR	1,800	\$2,592,000
206672B	B	174TH ST-STH PED BRDG	895I - SHERIDAN EXPWY		A-PED	4	CITY	12/07/99	5.069	GOOD	1,900	\$2,736,000
2243370	K	17TH AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	02/29/00	5.313	GOOD	3,406	\$4,904,640
2243690	K	17TH AVE	BMT SEA BEACH	T	O	4	STATE	04/12/00	3.710	FAIR	8,500	\$12,240,000
2231300	K	17TH AVE PED BRDG	BSHP		A-PED	1	CITY	12/02/99	3.846	FAIR	2,100	\$3,024,000
2243380	K	18TH AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	02/29/00	5.421	GOOD	6,006	\$8,648,640
2243700	K	18TH AVE	BMT SEA BEACH	T	O	4	STATE	04/12/00	3.969	FAIR	8,700	\$12,528,000
2243710	K	19TH AVE	BMT SEA BEACH	T	O	4	STATE	04/07/00	4.026	FAIR	4,800	\$6,912,000
2241259	B	204TH ST PED BRDG	METRO NORTH RR HAR	M	O-PED	1	CITY	08/01/00	3.950	FAIR	4,700	\$6,768,000
2243720	K	20TH AVE	BMT SEA BEACH	T	O	6	STATE	04/06/00	4.538	FAIR	12,500	\$18,000,000
7703720	Q	216TH ST PED BRDG	LIRR PORT WASH BRANCH	L	O-PED	5	CITY	12/07/00	4.102	FAIR	400	\$576,000
2243820	K	21ST AVE	BMT SEA BEACH	T	O	4	STATE	04/04/00	3.710	FAIR	21,400	\$30,816,000
2247270	Q	21ST STREET	CONRAIL	C	O	6	STATE	06/14/99	5.764	GOOD	17,590	\$25,329,600
2247680	Q	221ST ST	LIRR N SIDE DIV	L	O	3	STATE	05/06/99	5.882	GOOD	6,050	\$8,712,000
2231640	Q	225TH ST	BSOP		A	2	STATE	04/26/00	4.545	FAIR	7,000	\$10,080,000
2229450	B	232ND ST	HHP		A	2	STATE	09/22/99	4.447	FAIR	4,900	\$7,056,000
2229460	B	236TH ST PED BRDG	HHP		A-PED	3	CITY	07/18/00	4.047	FAIR	2,500	\$3,600,000
2229470	B	239TH ST	HHP		A	2	STATE	07/06/99	4.289	FAIR	6,100	\$8,784,000
2229490	B	246TH ST	HHP		A	2	STATE	08/24/99	4.657	FAIR	5,600	\$8,064,000
2229500	B	252ND ST	HHP		A	2	STATE	01/14/00	4.342	FAIR	4,500	\$6,480,000
2232070	M	25TH ST PED BRDG	FDR DRIVE		A-PED	4	CITY	08/15/99	4.418	FAIR	1,700	\$2,448,000
224004J	M	25X	NYC GARAGE		OE	14	STATE	10/31/00	4.894	FAIR	22,058	\$31,763,520
2230400	K	278I (B.Q.E.)	ATLANTIC AVE		A	1	STATE	10/04/00	5.880	GOOD	14,230	\$20,491,200
2230410	K	278I (B.Q.E.)	WASHINGTON ST		A	1	STATE	10/12/00	4.656	FAIR	2,500	\$3,600,000
2230420	K	278I (B.Q.E.)	WASHINGTON ST		A	1	STATE	10/12/00	4.906	FAIR	2,500	\$3,600,000
2230430	K	278I (B.Q.E.)	PROSPECT ST		A	1	STATE	01/06/00	5.266	GOOD	1,100	\$1,584,000
2230440	K	278I (B.Q.E.)	ADAMS ST N.B.		A	1	STATE	01/05/00	5.200	GOOD	2,700	\$3,888,000
2230450	K	278I (B.Q.E.)	ADAMS ST S.B.		A	1	STATE	01/05/00	4.933	FAIR	2,500	\$3,600,000
2230460	K	278I (B.Q.E.)	PEARL ST		A	1	STATE	01/04/00	5.333	GOOD	4,500	\$6,480,000
2230470	K	278I (B.Q.E.)	JAY ST		A	1	STATE	01/04/00	5.233	GOOD	5,100	\$7,344,000
2230480	K	278I (B.Q.E.)	PROSPECT ST		A	1	STATE	01/06/00	5.351	GOOD	8,400	\$12,096,000
2230490	K	278I (B.Q.E.)	SANDS ST		A	1	STATE	01/06/00	5.277	GOOD	12,600	\$18,144,000
2230500	K	278I (B.Q.E.)	RAMP TO BQE EB		A	1	STATE	01/06/00	5.566	GOOD	1,300	\$1,872,000
2230510	K	278I (B.Q.E.)	NASSAU ST		A	6	STATE	01/13/00	4.819	FAIR	51,200	\$73,728,000
2230669	Q	278I (B.Q.E.)	35TH AVE		A	1	STATE	01/17/00	3.421	FAIR	6,500	\$9,360,000
2230679	Q	278I (B.Q.E.)	34TH AVE		A	3	STATE	03/30/00	4.166	FAIR	9,500	\$13,680,000
2230680	Q	278I (B.Q.E.)	NORTHERN BLVD		A	1	STATE	03/28/00	4.377	FAIR	5,900	\$8,496,000
2230857	K	278I (B.Q.E.)	JORALEMON ST		A	1	STATE	09/07/00	5.030	GOOD	2,100	\$3,024,000
2230858	K	278I (B.Q.E.)	JORALEMON ST / BQE WB		A	2	STATE	09/08/00	3.758	FAIR	5,900	\$8,496,000
2230888	K	278I E.B. (B.Q.E.)	CADMAN PLAZA / 278I WB		A	2	STATE	11/13/00	4.842	FAIR	4,500	\$6,480,000
2268498	K	278I E.B. (B.Q.E.)	278I W.B. (B.Q.E.)		A	69	STATE	09/14/99	3.828	FAIR	120,734	\$173,856,960
2268508	K	278I E.B. (B.Q.E.)	278I W.B. (B.Q.E.)		A	11	STATE	04/26/00	3.857	FAIR	17,956	\$25,856,640
2268518	K	278I E.B. (B.Q.E.)	278I W.B. (B.Q.E.)		A	5	STATE	08/19/99	4.381	FAIR	8,375	\$12,060,000
2230710	Q	278I S.B. (B.Q.E.)	32ND AVE		A	1	STATE	08/31/00	4.390	FAIR	4,500	\$6,480,000

**INVENTORY SORTED BY FEATURE CARRIED**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2230887	K	2781 W.B. (B.Q.E.)	CADMAN PLAZA		A	2	STATE	10/18/00	4.338	FAIR	4,500	\$6,480,000
2268497	K	2781 W.B. (B.Q.E.)	FURMAN ST		A	45	STATE	08/04/99	4.188	FAIR	78,022	\$112,351,680
2268507	K	2781 W.B. (B.Q.E.)	YORK ST		A	6	STATE	07/07/99	4.438	FAIR	9,380	\$13,507,200
2268517	K	2781 W.B. (B.Q.E.)	FURMAN ST		A	7	STATE	08/13/99	4.294	FAIR	10,988	\$15,822,720
2231330	K	27TH AVE PED BRDG	BSHP		A-PED	1	CITY	06/07/00	4.366	FAIR	2,100	\$3,024,000
2231890	Q	28TH AVE PED BRDG	BCIP		A-PED	24	CITY	02/04/00	4.950	FAIR	7,600	\$10,944,000
2243310	K	2ND AVE	LIRR BAY RIDGE LINE	N	O	6	STATE	11/20/00	3.805	FAIR	17,000	\$24,480,000
2230730	Q	31ST AVE	2781 (B.Q.E.)		A	1	STATE	02/03/00	3.484	FAIR	3,700	\$5,328,000
2230657	Q	31ST ST	2781 (B.Q.E.)		A	2	STATE	06/02/00	5.083	GOOD	9,500	\$13,680,000
2230640	Q	32ND ST	2781 (B.Q.E.)		A	2	STATE	02/11/99	4.847	FAIR	8,100	\$11,664,000
2230630	Q	35TH ST	2781 (B.Q.E.)		A	4	STATE	06/21/00	4.875	FAIR	9,000	\$12,960,000
2247370	Q	37TH AVE	CONRAIL HELLGATE	C	O	1	STATE	10/27/99	4.818	FAIR	5,300	\$7,632,000
2230620	Q	37TH ST	2781 (B.Q.E.)		A	2	STATE	03/10/00	4.486	FAIR	5,300	\$7,632,000
2247330	Q	39TH ST (NORTH)	SUNNYSIDE YARDS	AL	O	15	STATE	08/20/99	6.722	VGOOD	48,200	\$69,408,000
2247640	Q	39TH ST (SOUTH)	AMTRAK & LIRR YARD	AL	O	9	STATE	08/25/99	6.639	VGOOD	34,100	\$49,104,000
2243320	K	3RD AVE	LIRR BAY RIDGE LINE	N	O	4	STATE	10/25/99	5.708	GOOD	17,230	\$24,811,200
2244160	K	3RD AVE	SHORE RD DRIVE		O	1	STATE	07/20/99	3.600	FAIR	7,100	\$10,224,000
2230570	Q	41ST AVE	2781 (B.Q.E.)		A	3	STATE	03/03/00	4.930	FAIR	8,800	\$12,672,000
2247390	Q	41ST AVE	CONRAIL HELLGATE	C	O	2	STATE	10/26/99	4.942	FAIR	4,000	\$5,760,000
2247410	Q	43RD AVE	CONRAIL	C	O	1	STATE	03/30/99	5.033	GOOD	4,800	\$6,912,000
2247420	Q	44TH AVE	CONRAIL	C	O	1	STATE	03/30/99	5.033	GOOD	5,100	\$7,344,000
2230840	Q	44TH ST	GCP		A	2	STATE	03/14/00	4.791	FAIR	5,000	\$7,200,000
2247430	Q	45TH AVE	CONRAIL	C	O	1	STATE	03/31/99	3.918	FAIR	2,400	\$3,456,000
2230820	Q	47TH ST	GCP		A	2	STATE	03/22/00	4.541	FAIR	5,700	\$8,208,000
2066002	Q	4951 (2066000)	WOODHAVEN BLVD		A	2	STATE	04/27/00	4.000	FAIR	25,200	\$36,288,000
2247290	Q	49TH AVE	LIRR,AMT,CON NE	L	O	5	STATE	08/04/00	4.027	FAIR	20,200	\$29,088,000
2230800	Q	49TH ST	BQE WEST LEG		A	2	STATE	03/10/00	5.388	GOOD	4,900	\$7,056,000
2230890	Q	49TH ST	GCP		A	2	STATE	06/01/00	4.777	FAIR	5,500	\$7,920,000
2231270	K	4TH AVE	BSHP		A	2	STATE	01/24/00	4.842	FAIR	6,100	\$8,784,000
2243330	K	4TH AVE	LIRR BAY RIDGE LINE	NT	O	6	STATE	11/04/99	5.833	GOOD	19,400	\$27,936,000
2243839	K	4TH AVE	NYCTA BMT TRACKS	T	O	1	STATE	05/05/00	3.129	FAIR	4,100	\$5,904,000
2243400	K	50TH ST	LIRR BAY RIDGE LINE	N	O	2	STATE	10/07/99	4.737	FAIR	7,100	\$10,224,000
1247280	Q	51 AVE PED BR.2247280	LIRR MAIN LINE	L	O-PED	5	CITY	12/06/00	3.355	FAIR	700	\$1,008,000
2243390	K	52ND ST	LIRR BAY RIDGE LINE	N	O	2	STATE	04/20/00	4.052	FAIR	2,800	\$4,032,000
2247190	Q	55TH AVE PED BRDG	LIRR MAIN LINE	L	O-PED	3	CITY	12/07/00	4.429	FAIR	13,000	\$18,720,000
2247450	Q	57TH AVE	CONRAIL	C	O	1	STATE	04/05/99	6.683	VGOOD	2,400	\$3,456,000
2066100	K	5TH AVE	27 X PROSPECT EXPWY		A	1	STATE	01/27/00	5.250	GOOD	8,800	\$12,672,000
2243580	K	5TH AVE	LIRR & SEA BEACH	LT	O	4	STATE	05/03/00	4.472	FAIR	12,500	\$18,000,000
2244480	K	5TH AVE	GREENWOOD CEMETERY		O	1	STATE	07/21/99	4.733	FAIR	3,600	\$5,184,000
2247650	Q	60TH RD PED BRDG	LIRR MAIN LINE	L	O-PED	3	CITY	06/17/97	5.207	GOOD	2,293	\$3,301,920
2243350	K	60TH ST	LIRR BAY RIDGE LINE	N	O	1	STATE	10/06/99	6.867	VGOOD	3,900	\$5,616,000
2247540	Q	60TH ST	LIRR MONTAUK DIV	L	O	2	STATE	05/12/99	5.277	GOOD	5,340	\$7,689,600
2230520	Q	65TH PLACE	2781 (B.Q.E.)		A	2	STATE	01/11/00	4.750	FAIR	11,600	\$16,704,000
2247160	Q	65TH PLACE	LIRR N SHR DIV	L	O	3	STATE	10/08/99	6.500	VGOOD	8,381	\$12,068,640
2243730	K	65TH ST	BMT SEA BEACH	T	O	4	STATE	03/31/00	5.947	GOOD	12,000	\$17,280,000
2247150	Q	65TH ST	LIRR N SIDE DIV	L	O	3	STATE	10/05/99	4.667	FAIR	6,000	\$8,640,000
1247200	Q	67 AVE PED BR 2247200	LIRR MAIN LINE	L	O-PED	3	CITY	12/13/00	4.676	FAIR	1,300	\$1,872,000
2266160	Q	6781 SB TO BCIP EB	ACCESS RD FROM 6781		A	1	STATE	04/05/00	4.593	FAIR	2,300	\$3,312,000
2230550	Q	69TH ST	2781 (B.Q.E.)		A	2	STATE	03/02/00	5.017	GOOD	12,600	\$18,144,000
2247490	Q	69TH ST JUNPR BLVD	CONRAIL	C	O	1	STATE	08/08/00	5.709	GOOD	6,175	\$8,892,000
2243280	K	6TH AVE	LIRR ATLANTIC AVE	L	O	9	STATE	10/06/00	4.902	FAIR	12,276	\$17,677,440
2243590	K	6TH AVE	LIRR & SEA BEACH	LT	O	5	STATE	05/02/00	3.583	FAIR	14,200	\$20,448,000
2230560	Q	70TH ST	2781 (B.Q.E.)		A	2	STATE	03/03/00	5.055	GOOD	8,500	\$12,240,000
2248300	Q	71ST AVE	COOPER AVE		O	1	STATE	03/19/99	4.169	FAIR	2,800	\$4,032,000
2246150	M	72ND ST CROSS DR	NEAR CONCERT GRNDS		O	3	STATE	03/02/00	4.941	FAIR	7,300	\$10,512,000
2246140	M	72ND ST ENT TO W DR	BRIDLE PATH		O	1	STATE	02/21/00	5.066	GOOD	3,600	\$5,184,000
2246460	M	77 ST ENTR TO W DR	PED PATH OPP 77TH ST		O	2	STATE	03/01/00	4.789	FAIR	5,800	\$8,352,000
2246450	M	79 ST ENTR TO E DR	PED PATH OPP 77TH ST		O	1	STATE	02/23/00	5.190	GOOD	5,000	\$7,200,000
2267717	M	79 ST PED PLAZA	79 ST BT BASIN GAR		A	10	STATE	09/21/99	4.444	FAIR	27,400	\$39,456,000
226771B	M	79 ST RAMP TO GAR	79 ST BT BASIN GAR		AR	21	STATE	12/09/99	4.088	FAIR	7,114	\$10,244,160
226771A	M	79 ST RAMP TO HHP	79 ST BT BASIN GAR		AR	4	STATE	07/12/99	4.113	FAIR	3,131	\$4,508,640
2267718	M	79 ST TRAFFIC CIRC	79 ST PED PLAZA		A	34	STATE	10/22/99	3.770	FAIR	24,130	\$34,747,200
2243600	K	7TH AVE	LIRR & SEA BEACH	LT	O	7	STATE	05/01/00	5.402	GOOD	18,913	\$27,234,720
2243920	K	7TH AVE	NYCTA BMT YARD	T	O	2	STATE	05/11/00	3.916	FAIR	5,200	\$7,488,000
2247220	Q	80TH ROAD	LIRR MAIN LINE	L	O	3	STATE	06/02/99	4.873	FAIR	4,100	\$5,904,000
2247570	Q	80TH ST	71ST TO 77TH AVE	L	O	5	STATE	06/20/00	5.000	GOOD	11,725	\$16,884,000
2231250	K	81ST ST PED BR	BSHP		A-PED	5	CITY	11/07/00	5.222	GOOD	3,100	\$4,464,000
2247230	Q	82ND AVE	LIRR MAIN LINE	L	O	3	STATE	06/03/99	5.443	GOOD	4,100	\$5,904,000
2243570	K	86TH ST	LIRR & SEA BEACH	LT	O	6	STATE	03/24/00	6.250	VGOOD	18,200	\$26,208,000
2243610	K	8TH AVE	LIRR & SEA BEACH	LT	O	4	STATE	05/04/00	3.779	FAIR	11,400	\$16,416,000

**INVENTORY SORTED BY FEATURE CARRIED**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
1247010	Q	91 PLACE (2247010)	LIRR PT WASH BRANCH	L	O	3	STATE	06/30/00	3.318	FAIR	4,200	\$6,048,000
2231260	K	92ND ST PED BR	BSHP		A-PED	6	CITY	05/09/00	4.161	FAIR	3,000	\$4,320,000
2247020	Q	94TH ST PED BRDG	LIRR N SIDE DIV	L	O-PED	5	CITY	12/12/00	4.211	FAIR	500	\$720,000
2243840	K	9TH AVE	NYCTA BMT YARD	T	O	5	STATE	10/29/99	6.778	VGOOD	12,440	\$17,913,600
2243940	K	9TH AVE	NYCTA IND SBWY	T	O	5	STATE	10/29/99	4.895	FAIR	11,900	\$17,136,000
2246490	M	A.C. POWELL BLVD N.B.	A.C. POWELL BLVD		O	1	STATE	04/21/00	4.061	FAIR	5,600	\$8,064,000
2249320	R	ALBEE AVE	SIRT SOUTH SHORE	S	O	3	STATE	08/19/99	4.689	FAIR	6,500	\$9,360,000
2268920	R	AMBOY ROAD	LEMON CREEK		WO	1	STATE	02/07/00	7.000	VGOOD*	1,444	\$2,079,360
2247530	Q	ANDREWS AVE	LIRR MONTAUK DIV	L	O	4	STATE	06/08/00	4.032	FAIR	3,200	\$4,608,000
2249330	R	ANNADALE ROAD	SIRT SOUTH SHORE	S	O	2	STATE	08/19/99	4.471	FAIR	4,500	\$6,480,000
2231580	Q	AQUEDUCT RCTK RAMP	BSOP		A	4	STATE	08/28/00	4.375	FAIR	14,000	\$20,160,000
2249240	R	ARTHUR KILL ROAD	SIRT SOUTH SHORE	S	O	1	STATE	06/02/00	4.944	FAIR	3,700	\$5,328,000
2249820	R	ARTHUR KILL ROAD	ARTHUR KILL STREAM		WO	1	STATE	07/13/99	4.102	FAIR	2,000	\$2,880,000
2230810	Q	ASTORIA BLVD E.B.	BQE WEST LEG		A	4	STATE	03/29/00	4.308	FAIR	8,200	\$11,808,000
2243569	K	ATLANTIC AVE	LIRR ATLANTIC AVE	L	O	75	STATE	11/20/00	3.535	FAIR	135,100	\$194,544,000
2244170	K	ATLNTC AV SVC RD E.B.	EAST NEW YORK AVE		O	2	STATE	06/16/99	4.544	FAIR	5,500	\$7,920,000
2244180	K	ATLNTC AV SVC RD W.B.	EAST NEW YORK AVE		O	2	STATE	06/14/99	4.491	FAIR	6,200	\$8,928,000
2243530	K	AVENUE H	LIRR BAY RIDGE LINE	N	O	2	STATE	10/13/99	6.882	VGOOD	35,100	\$50,544,000
2243750	K	AVENUE O	BMT SEA BEACH	T	O	4	STATE	10/04/99	6.471	VGOOD	4,658	\$6,707,520
2243760	K	AVENUE P	BMT SEA BEACH	T	O	4	STATE	10/08/99	6.894	VGOOD	6,000	\$8,640,000
2243790	K	AVENUE S	BMT SEA BEACH	T	O	4	STATE	10/18/99	6.538	VGOOD	4,800	\$6,912,000
2243800	K	AVENUE T	BMT SEA BEACH	T	O	4	STATE	11/02/99	6.441	VGOOD	8,500	\$12,240,000
2243810	K	AVENUE U	BMT SEA BEACH	T	O	4	STATE	03/27/00	6.725	VGOOD	8,500	\$12,240,000
2231370	K	B 8TH ST ACCESS RMP	BSHP		A	4	STATE	05/31/00	4.097	FAIR	12,800	\$18,432,000
2249440	R	BANCROFT AVE	SIRT SOUTH SHORE	S	O	3	STATE	08/27/99	5.049	GOOD	5,900	\$8,496,000
2241180	B	BARRETTO ST	AMTRAK	A	O	1	STATE	05/26/00	6.281	VGOOD	5,313	\$7,650,720
2232000	M	BATTERY PLACE	FDR DRIVE		AT	2	CITY	06/23/99	4.071	FAIR	75,000	\$108,000,000
2231290	K	BAY 8TH ST	BSHP		A	1	STATE	06/22/99	6.206	VGOOD	4,920	\$7,084,800
2243740	K	BAY PKWY	BMT SEA BEACH	T	O	4	STATE	03/30/00	4.500	FAIR	16,800	\$24,192,000
2231760	Q	BCIP	DUTCH BROADWAY-115 AVE		A	1	STATE	01/14/00	4.428	FAIR	7,300	\$10,512,000
2231900	Q	BCIP	FORT TOTTEN ENTRANCE		A	1	STATE	03/23/00	4.484	FAIR	4,900	\$7,056,000
Q00002	Q	BCIP	PATH OPPOSITE 88TH RD		A	1	CITY	07/16/98	5.467	GOOD	1,200	\$1,728,000
2076109	B	BE NB SERVICE RD	HUTCHINSON RVR PKWY		A	2	STATE	09/29/99	4.736	FAIR	7,800	\$11,232,000
2076129	B	BE SB SERVICE RD	HUTCHINSON RVR PKWY		A	2	STATE	02/09/00	5.000	GOOD	7,100	\$10,224,000
2249400	R	BEACH AVE	SIRT SOUTH SHORE	S	O	2	STATE	08/23/99	5.879	GOOD	3,700	\$5,328,000
2248230	Q	BEACH CHANNEL DR WB	BEACH CHANNEL DR EB		O	1	STATE	03/30/99	4.200	FAIR	3,600	\$5,184,000
2243490	K	BEDFORD AVE	LIRR BAY RIDGE LINE	N	O	6	STATE	03/07/00	4.777	FAIR	12,000	\$17,280,000
2241840	B	BEDFORD PARK BLVD	METRO NORTH RR HAR	M	O	1	STATE	03/07/00	4.616	FAIR	6,400	\$9,216,000
2241930	B	BEDFORD PARK BLVD	NYCTA IND YARDS	T	O	17	STATE	08/31/00	6.500	VGOOD	46,300	\$66,672,000
2249580	R	BELFIELD AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	5	CITY	03/13/00	4.333	FAIR	400	\$576,000
2247140	Q	BELL BLVD	LIRR N SIDE DIV	L	O	1	STATE	05/21/99	6.186	VGOOD	4,320	\$6,220,800
2231770	Q	BELMONT PARK RAMP	BCIP		A	1	STATE	02/24/00	4.875	FAIR	3,200	\$4,608,000
2249250	R	BETHEL AV PED BRDG	SIRT SOUTH SHORE	S	O-PED	12	CITY	06/15/00	3.739	FAIR	500	\$720,000
2243100	K	BEVERLY ROAD	BMT SUBWAY, BRIGHTON	T	O	3	STATE	05/17/00	3.263	FAIR	2,700	\$3,888,000
2243900	K	BLAKE AVE	LIRR BAY RIDGE LINE	N	O	3	STATE	04/14/00	5.309	GOOD	4,900	\$7,056,000
2240410	Q	BORDEN AVE	DUTCH KILLS		WM	2	STATE	04/22/99	3.778	FAIR	8,400	\$12,096,000
2229579	B	BOSTON POST ROAD	HUTCHINSON RIVER		W	14	STATE	07/24/99	4.611	FAIR	95,700	\$137,808,000
2242110	B	BOSTON ROAD	BRONX RIVER		WO	1	STATE	04/07/00	4.273	FAIR	6,200	\$8,928,000
2242100	B	BOTANICAL GARDEN ROAD	TWIN LAKES		O-PED	1	STATE	04/12/00	4.966	FAIR	2,200	\$3,168,000
2247050	Q	BOWNE AVE	LIRR N SIDE DIV	L	O	1	STATE	06/23/00	5.862	GOOD	4,974	\$7,162,560
2230700	Q	BQE EAST LEG	TO BQE WEST LEG		A	14	STATE	03/20/00	3.486	FAIR	16,800	\$24,192,000
2230720	Q	BQE EAST LEG	BQE NB WEST LEG		A	1	STATE	03/22/00	4.328	FAIR	2,700	\$3,888,000
2230780	Q	BQE EAST LEG	30TH AVE		A	3	STATE	03/08/00	4.097	FAIR	9,400	\$13,536,000
2230690	Q	BQE EAST LEG NB	32ND AVE		A	1	STATE	01/21/00	3.703	FAIR	6,160	\$8,870,400
2230750	Q	BQE EAST LEG SB	31ST AVE		A	1	STATE	07/03/00	4.156	FAIR	2,900	\$4,176,000
2230770	Q	BQE WEST LEG	30TH AVE		A	1	STATE	03/22/99	4.203	FAIR	6,500	\$9,360,000
2230830	Q	BQE WEST LEG	GCP		A	2	STATE	06/09/00	4.916	FAIR	7,600	\$10,944,000
2230760	Q	BQE WEST LEG NB	31ST AVE		A	1	STATE	04/24/00	4.015	FAIR	2,900	\$4,176,000
2230740	Q	BQE WEST LEG SB	31ST AVE		A	1	STATE	06/26/00	4.531	FAIR	3,700	\$5,328,000
2231829	Q	BRADDOCK AVE	BCIP		A	2	STATE	02/01/00	4.681	FAIR	10,600	\$15,264,000
2232168	M	BREARLY SCHOOL	FDR DR PROMENADE		A	7	STATE	05/16/97	4.649	FAIR	3,700	\$5,328,000
2230590	Q	BROADWAY	278I (B.Q.E.)		O	2	STATE	04/20/00	3.894	FAIR	16,000	\$23,040,000
2240137	BM	BROADWAY BRIDGE	HARLEM RIVER	T	WM	3	STATE	10/08/99	3.861	FAIR	38,100	\$54,864,000
2242072	B	BRONX BLVD N.B.	BRONX RIVER		WO	1	STATE	05/17/00	4.766	FAIR	1,800	\$2,592,000
2242082	B	BRONX BLVD N.B.	BRONX RIVER		WO	1	STATE	05/16/00	4.466	FAIR	2,800	\$4,032,000
2242071	B	BRONX BLVD S.B.	BRONX RIVER		WO	1	STATE	04/13/00	4.700	FAIR	1,800	\$2,592,000
2242081	B	BRONX BLVD S.B.	BRONX RIVER		WO	1	STATE	05/16/00	4.466	FAIR	2,800	\$4,032,000
2075849	B	BRONX PELHAM PKWY	HUTCHINSON RVR PKWY		A	2	STATE	06/30/00	4.184	FAIR	17,600	\$25,344,000
2229560	B	BRONX PELHAM PKWY	AMTRAK,METRO NORTH	MA	A	3	STATE	07/06/00	4.861	FAIR	24,591	\$35,411,040

**INVENTORY SORTED BY FEATURE CARRIED**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2242010	B	BRONX PELHAM PKWY	BRONX RIVER		O	1	STATE	07/05/00	4.931	FAIR	9,200	\$13,248,000
2065629	B	BRONX RVR PKWY	BOSTON RD BX ZOO		A	1	STATE	09/24/99	5.275	GOOD	6,300	\$9,072,000
2243520	K	BROOKLYN AVE	LIRR BAY RIDGE LINE	N	O	3	STATE	10/13/99	6.160	VGOOD	4,500	\$6,480,000
2267860	K	BROOKLYN BR APPROACH	SANDS STREET		O	1	STATE	11/21/00	4.660	FAIR	6,490	\$9,345,600
2240019	KM	BROOKLYN BRIDGE	278I (B.Q.E.)		WE	75	STATE	11/30/00	2.931	POOR	503,788	\$725,454,720
2268350	K	BROOKLYN PROMENADE	278I N.B. (B.Q.E.)		A-PED	35	CITY	08/04/00	3.857	FAIR	46,184	\$66,504,960
2241099	B	BRUCKNER BLVD	CONRAIL PT MORRIS	C	O	1	STATE	10/27/98	3.769	FAIR	6,700	\$9,648,000
2266540	B	BRUCKNER BLVD OVRPAS	133RD - 135TH ST		A	2	STATE	06/16/99	4.548	FAIR	32,900	\$47,376,000
1066510	B	BRUCKNER EXP.(2066510)	WESTCHESTER CREEK		WM	17	STATE	07/11/00	3.835	FAIR	39,400	\$56,736,000
2076929	B	BRUCKNER EXPWY	AMTRAK	A	A	1	STATE	07/13/99	4.733	FAIR	3,800	\$5,472,000
2066672	B	BRUCKNER EXPWY NB	BRONX RIVER		WM	8	STATE	07/29/99	4.612	FAIR	22,300	\$32,112,000
2075352	B	BRUCKNER EXPWY NB	AMTRAK	A	A	1	STATE	11/20/00	4.000	FAIR	10,900	\$15,696,000
2066671	B	BRUCKNER EXPWY SB	BRONX RIVER		WM	3	STATE	07/27/99	5.139	GOOD	12,400	\$17,856,000
2075351	B	BRUCKNER EXPWY SB	AMTRAK	A	A	1	STATE	07/14/00	3.718	FAIR	11,600	\$16,704,000
2241210	B	BRYANT AVE	AMTRAK	A	O	1	STATE	11/21/00	3.085	FAIR	5,300	\$7,632,000
2231249	K	BSHP	BAY RIDGE AVE		A	1	STATE	11/27/00	3.567	FAIR	4,900	\$7,056,000
2231319	K	BSHP	BAY PKWY		A	1	STATE	10/25/00	4.345	FAIR	7,200	\$10,368,000
2231329	K	BSHP	26TH AVE		A	1	STATE	10/25/00	4.466	FAIR	6,700	\$9,648,000
2231360	K	BSHP	OCEAN PKWY		A	2	STATE	11/01/00	3.250	FAIR	11,800	\$16,992,000
2231409	K	BSHP	SHEEPSHEAD BAY ROAD		A	1	STATE	01/19/00	4.967	FAIR	6,500	\$9,360,000
2231419	K	BSHP	OCEAN AVE		A	3	STATE	01/19/00	4.430	FAIR	14,000	\$20,160,000
2231429	K	BSHP	BEDFORD AVE		A	3	STATE	08/04/00	4.388	FAIR	12,000	\$17,280,000
2231439	K	BSHP	NOSTRAND AVE		A	3	STATE	08/04/00	4.041	FAIR	13,000	\$18,720,000
2231450	K	BSHP	GERRITSEN INLET		WA	11	STATE	08/18/00	3.462	FAIR	46,400	\$66,816,000
2231479	K	BSHP	MILL BASIN		WM	14	STATE	11/16/00	3.239	FAIR	73,500	\$105,840,000
2231489	K	BSHP	PAERDEGAT BASIN		WA	15	STATE	11/16/00	3.407	FAIR	58,300	\$83,952,000
2231499	K	BSHP	ROCKAWAY PKWY		A	4	STATE	09/06/00	3.875	FAIR	11,500	\$16,560,000
2231509	K	BSHP	FRESH CREEK		WA	5	STATE	09/15/00	3.430	FAIR	23,000	\$33,120,000
2231549	Q	BSHP	84TH ST		A	2	STATE	03/16/99	4.718	FAIR	12,118	\$17,449,920
2230790	Q	BULOVA AVE	BQE WEST LEG		A	2	STATE	03/03/00	5.761	GOOD	3,300	\$4,752,000
2247460	Q	CALDWELL AVE	CONRAIL	C	O	1	STATE	08/09/00	6.638	VGOOD	2,243	\$3,229,920
2243290	K	CARLTON AVE	LIRR ATLANTIC AVE	L	O	7	STATE	03/02/00	4.986	FAIR	10,823	\$15,585,120
2240260	K	CARROLL ST	GOWANUS CANAL		WM	2	STATE	08/02/00	4.633	FAIR	3,000	\$5,000,000
2243220	K	CARROLL ST PED BRDG	FRANKLIN SHUTTLE	T	O-PED	3	CITY	07/07/00	5.484	GOOD	600	\$864,000
2243050	K	CATON AVE	BMT SUBWAY, BRIGHTON	T	O	4	STATE	05/18/00	3.815	FAIR	20,800	\$29,952,000
2249390	R	CEDARVIEW AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	5	CITY	03/14/00	4.684	FAIR	600	\$864,000
2244050	K	CENTRAL DRIVE	PED PATH & STREAM		O	3	STATE	07/02/99	5.409	GOOD	7,400	\$10,656,000
2246050	M	CENTRAL DRIVE	PED OPP 63RD ST		O	1	STATE	04/14/00	5.000	GOOD	2,000	\$2,880,000
2246130	M	CENTRAL PARK	UNDER EAST DRIVE		O	1	CITY	07/14/98	4.233	FAIR	1,200	\$1,728,000
2268480	M	CHAMBERS ST PED BRDG	WEST SIDE HWY		O-PED	8	CITY	06/05/00	6.623	VGOOD	3,344	\$4,815,360
2249880	R	CHELSEA ROAD	SAWMILL CREEK		WO	1	STATE	06/29/99	7.000	VGOOD	2,197	\$3,163,680
2243080	K	CHURCH AVE	BMT SUBWAY, BRIGHTON	T	O	4	STATE	08/18/99	3.758	FAIR	18,200	\$26,208,000
2240210	B	CITY ISLAND ROAD	EASTCHESTER BAY		W	7	STATE	07/20/99	3.416	FAIR	28,900	\$41,616,000
2241710	B	CLAREMONT PKWY	METRO NORTH RR HAR	M	O	1	STATE	02/23/00	4.421	FAIR	6,300	\$9,072,000
2244060	K	CLEFT RIDGE SPAN	PROSPECT PARK		O	1	CITY	04/05/99	4.500	FAIR	900	\$1,296,000
2231940	Q	CLINTONVILLE ST	BCIP		A	2	STATE	01/21/00	4.727	FAIR	7,400	\$10,656,000
2249490	R	CLOVE ROAD	SIRT SOUTH SHORE	S	O	3	STATE	06/20/00	6.222	VGOOD	8,200	\$11,808,000
2246350	M	CNTRL PK OVER E DRIVE	S OF CLEOPATRAS NDL		O	1	CITY	11/24/98	4.800	FAIR	750	\$1,080,000
2231570	Q	COHANCY ST	BSOP		A	2	STATE	03/15/00	4.727	FAIR	6,400	\$9,216,000
2230870	K	COLUMBIA HEIGHTS	278I (B.Q.E.)		A	1	STATE	11/27/00	4.583	FAIR	16,500	\$23,760,000
2241590	B	CONCOURSE VILL AVE	METRO NORTH RR HAR	M	O	1	STATE	03/02/00	3.906	FAIR	17,800	\$25,632,000
2244460	K	CONDUIT BLVD NB	ATLANTIC AVE EB		O	1	STATE	02/10/00	4.666	FAIR	3,800	\$5,472,000
2231380	K	CONEY ISLAND AVE	BSHP		A	4	STATE	02/17/00	3.555	FAIR	20,600	\$29,664,000
2243440	K	CONEY ISLAND AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	03/01/00	5.744	GOOD	3,231	\$4,652,640
2230390	K	CONGRESS ST	278I (B.Q.E.)		A	2	STATE	11/13/00	4.426	FAIR	5,000	\$7,200,000
2246100	M	CONTRAL DRIVE	TRANSVERSE RD #1		O	1	STATE	04/20/00	4.333	FAIR	6,000	\$8,640,000
2246510	M	CORBIN PL OVERPASS	CORBIN PLACE		O	1	STATE	03/16/00	4.933	FAIR	2,200	\$3,168,000
2232029	M	CORLEARS PARK ROAD	FDR DRIVE		A	4	STATE	03/23/00	4.272	FAIR	4,100	\$5,904,000
2247130	Q	CORPORAL KENNEDY ST	LIRR N SIDE DIV	L	O	2	STATE	05/04/99	6.529	VGOOD	4,340	\$6,249,600
2243110	K	CORTELYOU ROAD	BMT SUBWAY, BRIGHTON	T	O	3	STATE	05/12/00	3.661	FAIR	2,900	\$4,176,000
2249280	R	COZZINS BLVD PED BRDG	SIRT SOUTH SHORE	S	O-PED	7	CITY	03/22/00	4.913	FAIR	200	\$288,000
2246070	M	CPK UNDER CENTR DR	OPP 65TH ST-IN E&W		O	1	CITY	06/08/99	5.733	GOOD	1,200	\$1,728,000
2231880	Q	CROCHERON PK PED	BCIP		A-PED	9	CITY	03/09/00	4.642	FAIR	2,300	\$3,312,000
2243040	K	CROOKE AVE	BMT SUBWAY, BRIGHTON	T	O	4	STATE	08/26/99	4.105	FAIR	6,000	\$8,640,000
2231340	K	CROPSEY AVE	BSHP		A	2	STATE	10/24/00	4.944	FAIR	13,100	\$18,864,000
2240301	K	CROPSEY AVE	CONEY ISLAND CREEK		W	3	STATE	10/20/99	5.139	GOOD	9,400	\$13,536,000
2240302	K	CROPSEY AVE	CONEY ISLAND CREEK		W	3	STATE	10/26/00	5.084	GOOD	9,400	\$13,536,000
2231559	Q	CROSS BAY BLVD	BSHP		A	4	STATE	03/14/00	5.250	GOOD	23,205	\$33,415,200
2248039	Q	CROSS BAY BLVD	CONDUIT AVE		O	2	STATE	05/31/00	3.555	FAIR	17,000	\$24,480,000

**INVENTORY SORTED BY FEATURE CARRIED**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2266770	Q	CROSS ISLAND PKWY	LAURELTON PKWY		A	1	STATE	05/05/00	5.111	GOOD	9,508	\$13,691,520
2242030	B	CROTONA AVE	BRONX PELHAM PKWY		O	2	STATE	02/07/00	5.184	GOOD	7,600	\$10,944,000
2243230	K	CROWN ST	FRANKLIN SHUTTLE	T	O	3	STATE	11/10/99	5.264	GOOD	4,800	\$6,912,000
2230070	Q	CYP HILLS CEM EAST	JACKIE ROBINSON PKWY		A	3	STATE	02/29/00	4.113	FAIR	4,400	\$6,336,000
2230050	Q	CYP HILLS CEM WEST	JACKIE ROBINSON PKWY		A	3	STATE	01/13/00	3.295	FAIR	4,400	\$6,336,000
2230040	Q	CYPRESS HILLS ST	JACKIE ROBINSON PKWY		A	1	STATE	09/06/00	5.888	GOOD	5,000	\$7,200,000
2249160	R	DE HART AVE	B&O RAILROAD	O	O	4	STATE	05/21/99	6.519	VGOOD	6,700	\$9,648,000
2232030	M	DELANCEY ST PED BRDG	FDR DRIVE		A-PED	9	CITY	07/09/00	4.406	FAIR	2,900	\$4,176,000
2076640	B	DEPOT PLACE	CONRAIL HUDSON DIV	C	O	11	STATE	12/10/98	5.736	GOOD	30,192	\$43,476,480
2243130	K	DITMAS AVE	BMT SUBWAY, BRIGHTON	T	O	1	STATE	08/23/99	5.489	GOOD	4,100	\$5,904,000
2243120	K	DORCHESTER ROAD	BMT SUBWAY, BRIGHTON	T	O	1	STATE	03/08/00	6.156	VGOOD	4,825	\$6,948,000
2247170	Q	DOUGLSTON PKWY	LIRR N SIDE DIV	L	O	3	STATE	06/28/00	5.423	GOOD	6,300	\$9,072,000
2232180	M	E 103RD ST PED BRDG	FDR DRIVE		A-PED	20	CITY	10/08/00	4.692	FAIR	6,000	\$8,640,000
2233020	M	E 10TH ST PED BRDG	FDR DRIVE		A-PED	22	CITY	04/12/00	3.809	FAIR	1,632	\$2,350,080
2232190	M	E 111TH ST PED BRDG	FDR DRIVE		A-PED	14	CITY	10/15/00	3.800	FAIR	2,600	\$3,744,000
2232200	M	E 120TH ST PED BRDG	FDR DRIVE		A-PED	23	CITY	04/12/00	4.250	FAIR	2,500	\$3,600,000
2231390	K	E 12TH ST	BSHP		A	4	STATE	02/15/00	5.013	GOOD	17,200	\$24,768,000
2233080	K	E 14 ST PED BR	BSHP		A-PED	14	CITY	07/27/00	4.700	FAIR	4,700	\$6,768,000
2241550	B	E 144TH ST	METRO NORTH RR HAR	M	O	2	STATE	10/07/99	6.819	VGOOD	8,290	\$11,937,600
2241129	B	E 149TH ST	AMTRAK	A	O	2	STATE	05/22/00	4.774	FAIR	12,575	\$18,108,000
2241560	B	E 149TH ST	METRO NORTH RR HAR	M	O	8	STATE	03/10/00	4.736	FAIR	27,900	\$40,176,000
2241050	B	E 149TH ST/JACKSON AVE	CONRAIL PT MORRIS	C	O	1	STATE	09/12/00	5.250	GOOD	65,000	\$93,600,000
2243450	K	E 14TH ST	LIRR BAY RIDGE LINE	N	O	1	STATE	03/01/00	5.595	GOOD	1,775	\$2,556,000
2241010	B	E 156TH STREET	CONRAIL PT MORRIS	C	O	1	STATE	09/06/00	4.555	FAIR	2,400	\$3,456,000
2241600	B	E 158TH ST	METRO NORTH RR HAR	M	O	1	STATE	10/06/99	5.300	GOOD	3,400	\$4,896,000
2243460	K	E 15TH ST - PED	LIRR BAY RIDGE LINE	N	O-PED	3	CITY	06/29/95	3.650	FAIR	900	\$1,296,000
2241610	B	E 161ST ST	METRO NORTH RR HAR	M	O	1	STATE	10/05/99	5.469	GOOD	6,600	\$9,504,000
2241020	B	E 161ST STREET	CONRAIL PT MORRIS	C	O	1	STATE	05/08/00	3.454	FAIR	12,800	\$18,432,000
2241620	B	E 162ND ST	METRO NORTH RR HAR	M	O	1	STATE	03/01/00	4.983	FAIR	4,700	\$6,768,000
2241030	B	E 163RD STREET	CONRAIL PT MORRIS	C	O	1	STATE	10/15/98	4.426	FAIR	3,200	\$4,608,000
2241630	B	E 165TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/29/00	4.500	FAIR	16,400	\$23,616,000
2241650	B	E 167TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/28/00	5.862	GOOD	3,363	\$4,842,720
2241660	B	E 168TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/25/00	4.921	FAIR	7,700	\$11,088,000
2241670	B	E 169TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/24/00	4.734	FAIR	3,300	\$4,752,000
2241680	B	E 170TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/24/00	6.450	VGOOD	3,150	\$4,536,000
2241240	B	E 172 ST-BX RIV AVE	AMTRAK	A	O-PED	1	CITY	04/29/99	1.000	POOR*	5,400	\$7,776,000
2241720	B	E 173RD ST	METRO NORTH RR HAR	M	O	1	STATE	02/22/00	4.650	FAIR	3,000	\$4,320,000
2066720	B	E 174TH ST	SHERIDAN EXPWY/AMTRAK	A	A	13	STATE	06/15/00	4.486	FAIR	47,430	\$68,299,200
2241740	B	E 175TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/21/00	4.031	FAIR	3,600	\$5,184,000
2241269	B	E 177TH ST	AMTRAK	A	O	3	STATE	06/15/00	5.430	GOOD	16,606	\$23,912,640
2241770	B	E 178TH ST PED BRDG	METRO NORTH RR HAR	M	O-PED	5	CITY	08/04/00	3.980	FAIR	700	\$1,008,000
2241780	B	E 179TH ST PED BRDG	METRO NORTH RR HAR	M	O-PED	6	CITY	08/02/00	6.774	VGOOD	700	\$1,008,000
2241790	B	E 180TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/17/00	4.109	FAIR	5,000	\$7,200,000
2242400	B	E 180TH ST	BRONX RIVER		WO	1	STATE	07/03/00	4.809	FAIR	4,500	\$6,480,000
2241800	B	E 183TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/16/00	4.328	FAIR	3,600	\$5,184,000
2241820	B	E 187TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/15/00	4.843	FAIR	3,800	\$5,472,000
2241810	B	E 188TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/14/00	4.312	FAIR	5,300	\$7,632,000
2241839	B	E 189TH ST	METRO NORTH RR HAR	M	O	1	STATE	10/04/99	6.533	VGOOD	43,157	\$62,146,080
2241870	B	E 233RD ST	METRO NORTH RR HAR	M	O	1	STATE	03/16/00	5.156	GOOD	7,664	\$11,036,160
2242459	B	E 233RD ST	BRONX RIVER		WO	1	STATE	05/18/00	4.433	FAIR	7,000	\$10,080,000
2242460	B	E 233RD ST	ENTR RD BNX RVR PKWY		O	1	STATE	01/26/00	5.600	GOOD	5,300	\$7,632,000
2241890	B	E 241ST ST	BRP, METRO NORTH HAR	M	O	28	STATE	10/29/99	4.750	FAIR	49,500	\$71,280,000
2246540	M	E 34TH ST	PARK AVE TUNNEL		OT	1	STATE	09/09/00	4.266	FAIR	36,200	\$52,128,000
2243420	K	E 3RD ST	LIRR BAY RIDGE LINE	N	O	1	STATE	10/19/99	4.959	FAIR	1,500	\$2,160,000
2266630	M	E 48TH ST RAMP	FDR DRIVE S.B.		A	14	STATE	12/14/98	7.000	VGOOD	18,728	\$26,968,320
2232100	M	E 51ST ST PED BRDG	FDR DRIVE		A-PED	10	CITY	10/22/00	4.156	FAIR	2,800	\$4,032,000
2233040	M	E 60TH ST	FDR DRIVE		A	17	STATE	06/27/00	3.318	FAIR	24,480	\$35,251,200
2232110	M	E 64TH ST PED BRDG	FDR DRIVE		A-PED	13	CITY	12/15/99	5.297	GOOD	2,100	\$3,024,000
2245380	M	E 66TH ST	PED WALK N. OF ZOO		O	1	STATE	04/10/00	5.000	GOOD	1,500	\$2,160,000
2232050	M	E 6TH ST PED BRDG	FDR DRIVE		A-PED	22	CITY	07/16/00	4.600	FAIR	2,200	\$3,168,000
2232120	M	E 71ST ST PED BRDG	FDR DRIVE		A-PED	19	CITY	04/12/00	7.000	VGOOD	1,800	\$2,592,000
2232140	M	E 78TH ST PED BRDG	FDR DRIVE		A-PED	9	CITY	10/22/00	3.475	FAIR	1,700	\$2,448,000
2245319	M	E 97TH ST	METRO NORTH MAIN LN	M	O	1	STATE	10/09/00	5.000	GOOD	3,200	\$4,608,000
2246400	M	E FOOTBRIDGE	TRANSVERSE RD #2		O-PED	1	CITY	06/10/00	3.900	FAIR	3,700	\$5,328,000
2075820	B	E TREMONT AVE	HUTCHINSON RVR PKWY		A	2	STATE	09/02/99	4.263	FAIR	10,200	\$14,688,000
2241760	B	E TREMONT AVE	METRO NORTH RR HAR	M	O	1	STATE	03/07/00	3.656	FAIR	7,300	\$10,512,000
2242149	B	E TREMONT AVE	BRONX RIVER		WO	2	STATE	04/14/00	4.777	FAIR	12,900	\$18,576,000
2242260	B	EAGLE AVE	E 161ST ST		O	1	STATE	03/21/00	5.468	GOOD	2,800	\$4,032,000
2246040	M	EAST DR AT CNTRL PARK	PEDESTRIAN WALK		O	1	CITY	04/16/99	4.870	FAIR	1,200	\$1,728,000
2244030	K	EAST DRIVE	BRIDLE PATH		O	1	STATE	07/07/99	5.184	GOOD	2,000	\$2,880,000

**INVENTORY SORTED BY FEATURE CARRIED**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2244040	K	EAST DRIVE	EAST WOOD ARCH		O	1	CITY	04/13/99	4.367	FAIR	900	\$1,296,000
2246069	M	EAST DRIVE	PEDESTRIAN WALK		O	1	STATE	04/21/00	4.566	FAIR	2,700	\$3,888,000
2246110	M	EAST DRIVE	TRANSVERSE RD #1		O	1	STATE	04/21/00	4.600	FAIR	6,000	\$8,640,000
2246170	M	EAST DRIVE	PED WALK @ 73RD ST		O	1	STATE	02/28/00	5.018	GOOD	1,900	\$2,736,000
2246230	M	EAST DRIVE	TRANSVERSE RD #2		O	1	STATE	04/19/00	4.600	FAIR	6,500	\$9,360,000
2246250	M	EAST DRIVE	TRANSVERSE RD #3		O	1	STATE	02/01/00	4.466	FAIR	5,100	\$7,344,000
2246270	M	EAST DRIVE	TRANSVERSE RD #4		O	1	STATE	01/31/00	3.966	FAIR	7,000	\$10,080,000
2246470	M	EAST DRIVE	THE LOCH		O	1	STATE	04/05/00	4.700	FAIR	1,100	\$1,584,000
2242350	B	EAST FORDHAM RD	GRAND CONCOURSE		O	1	STATE	02/21/00	4.566	FAIR	10,300	\$14,832,000
2241270	B	EAST TREMONT AVE	AMTRAK	A	O	2	STATE	06/16/00	5.791	GOOD	22,300	\$32,112,000
2241900	B	EASTCHESTER ROAD	NYCTA-DYRE AVE LN	T	O	3	STATE	02/18/00	5.138	GOOD	13,500	\$19,440,000
2243279	K	EASTERN PKWY	FRANKLIN SHUTTLE	T	O	1	STATE	03/21/00	4.833	FAIR	7,700	\$11,088,000
2247470	Q	ELIOT AVE	CONRAIL	C	O	1	STATE	04/06/99	5.250	GOOD	3,600	\$5,184,000
2247550	Q	ELIOT AVE	LIRR MONTAUK DIV	L	O	2	STATE	05/13/99	5.885	GOOD	9,200	\$13,248,000
2248160	Q	ELLIOT AVE	QUEENS BLVD		O	2	STATE	07/11/00	4.771	FAIR	13,785	\$19,850,400
2244010	K	EMDALE ARCH E DRV	NR GRAND ARMY PLZ		O	1	CITY	06/19/98	4.633	FAIR	900	\$1,296,000
2241200	B	FAILE ST	AMTRAK	A	O	1	STATE	06/02/00	6.156	VGOOD	6,208	\$8,939,520
2231620	Q	FARMERS BLVD	BSOP		A	2	STATE	02/10/00	4.568	FAIR	6,400	\$9,216,000
223201A	M	FDR DR N.B. OFF RMP	FDR DR & SOUTH ST		AR	17	STATE	03/14/00	3.686	FAIR	102,225	\$147,204,000
2232158	M	FDR DRIVE S.B.	FDR DRIVE N.B.		AT	56	STATE	10/20/00	4.484	FAIR	54,302	\$78,194,880
2233038	M	FDR DRIVE SB	FDR NB / E 62ND ST		AT	46	STATE	06/01/00	2.509	POOR	70,113	\$100,962,720
2232060	M	FDR DRIVE VIADUCT	AVE C TO E 25 ST		A	46	STATE	04/07/00	5.521	GOOD	184,259	\$265,332,960
2268650	M	FDR NB 42ND TO 49ST	EAST RIVER		A	119	STATE	09/14/99	4.491	FAIR	30,767	\$44,304,480
223204A	M	FDR NB TO HOUSTON ST	RELIEF		AR	4	STATE	03/22/00	3.900	FAIR	7,642	\$11,004,480
2229520	B	FIELDSTON ROAD	HHP		A	1	STATE	10/15/99	4.567	FAIR	6,600	\$9,504,000
2249480	R	FINGERBOARD ROAD	SIRT SOUTH SHORE	S	O	2	STATE	09/02/99	6.778	VGOOD	5,100	\$7,344,000
2231460	K	FLATBUSH AVE	BSHP		A	2	STATE	07/28/00	3.694	FAIR	13,600	\$19,584,000
2243260	K	FLATBUSH AVE	FRANKLIN SHUTTLE	T	O	2	STATE	03/20/00	5.254	GOOD	11,300	\$16,272,000
2243510	K	FLATBUSH AVE	LIRR BAY RIDGE LINE	N	O	2	STATE	10/14/99	4.544	FAIR	5,700	\$8,208,000
2248220	Q	FLUSHING AV SERVICE	FLUSHING AVE		O	1	STATE	03/24/99	5.125	GOOD	3,000	\$4,320,000
2248260	Q	FLUSHING MEADW PARK	MEADOW LAKE & 69TH RD		WO	5	STATE	03/02/00	4.800	FAIR	4,200	\$6,048,000
2249800	R	FOREST AVE	CLOVE LAKES PK STREAM		WO	1	STATE	07/13/99	4.864	FAIR	1,600	\$2,304,000
2248340	Q	FOREST PARK DR	MYRTLE AVE		O	3	STATE	02/16/99	3.537	FAIR	5,100	\$7,344,000
2247590	Q	FOREST PARK DRIVE	LIRR MONTAUK DIV	L	O	5	STATE	06/15/00	4.087	FAIR	6,000	\$8,640,000
2247660	Q	FOREST PARK DRIVE	ABANDONED LIRR	L	O	6	STATE	05/26/00	3.388	FAIR	10,000	\$14,400,000
2243620	K	FORT HAMILTON PKWY	LIRR & SEA BEACH	LT	O	3	STATE	05/23/00	5.627	GOOD	14,800	\$21,312,000
2245040	M	FORT TRYON PARK	SOUTH OF CLOISTERS		O	1	CITY	10/02/98	5.060	GOOD	750	\$1,080,000
2245050	M	FORT TRYON PARK	UNDERPASS		O	1	CITY	04/06/99	4.600	FAIR	750	\$1,080,000
2246500	M	FORT TRYON PLACE	ENTR FROM RIVERSIDE DR		O	1	STATE	04/17/00	4.366	FAIR	6,600	\$9,504,000
2243150	K	FOSTER AVE	BMT SUBWAY, BRIGHTON	T	O	1	STATE	03/09/00	4.383	FAIR	3,000	\$4,320,000
2231690	Q	FRANCIS LEWIS BLVD	BLP E.B.		A	1	STATE	03/13/00	5.333	GOOD	6,000	\$8,640,000
2231700	Q	FRANCIS LEWIS BLVD	BLP W.B.		A	1	STATE	02/24/00	5.066	GOOD	6,000	\$8,640,000
2231930	Q	FRANCIS LEWIS BLVD	BCIP		A	3	STATE	01/20/00	4.772	FAIR	9,100	\$13,104,000
2267199	Q	FRANCIS LEWIS BLVD	PARK ROAD		O	1	STATE	03/31/99	4.733	FAIR	7,085	\$10,202,400
2249450	R	FREMONT AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	3	CITY	03/29/00	4.821	FAIR	800	\$1,152,000
224005A	M	FROM FDR DRIVE	HARLEM RIVER DR		OR	19	STATE	06/14/00	4.059	FAIR	29,900	\$43,056,000
226771C	M	GAR RAMP TO 79 ST	79 ST BT BASIN GAR		AR	21	STATE	12/13/99	4.226	FAIR	9,095	\$13,096,800
2241420	B	GERARD AVE	METRO NORTH RR HUD	M	O	1	STATE	03/03/00	6.765	VGOOD	5,063	\$7,290,720
2249360	R	GIFFORDS LANE	SIRT SOUTH SHORE	S	O	1	STATE	06/19/00	5.718	GOOD	3,042	\$4,380,480
2243860	K	GLENMORE AVE	LIRR BAY RIDGE LINE	N	O	2	STATE	11/01/00	4.017	FAIR	5,700	\$8,208,000
2247180	Q	GRAND AVE	LIRR MAIN LINE	L	O	3	STATE	07/12/00	5.000	GOOD	7,415	\$10,677,600
2247440	Q	GRAND AVE	CONRAIL	C	O	1	STATE	04/01/99	4.397	FAIR	3,400	\$4,896,000
2241409	B	GRAND CONCOURSE	METRO NORTH RR HUD	TCM	O	1	STATE	05/24/00	3.625	FAIR	16,100	\$23,184,000
2242259	B	GRAND CONCOURSE	E 161ST ST		O	1	STATE	11/27/98	3.500	FAIR	24,100	\$34,704,000
2242280	B	GRAND CONCOURSE	E 167TH ST		O	2	STATE	07/25/00	4.719	FAIR	42,900	\$61,776,000
2242299	B	GRAND CONCOURSE	E 138TH ST		O	1	STATE	06/30/99	5.600	GOOD	9,500	\$13,680,000
2242300	B	GRAND CONCOURSE	E 170TH ST		O	2	STATE	05/12/00	4.754	FAIR	39,300	\$56,592,000
2242319	B	GRAND CONCOURSE	E 174TH ST	T	O	1	STATE	03/24/00	4.133	FAIR	14,900	\$21,456,000
2242329	B	GRAND CONCOURSE	E 175TH ST	T	O	1	STATE	09/12/00	4.466	FAIR	11,900	\$17,136,000
2242330	B	GRAND CONCOURSE	E TREMONT AVE		O	2	STATE	11/23/99	6.400	VGOOD	11,700	\$16,848,000
2242340	B	GRAND CONCOURSE	EAST KINGSBRIDGE		O	2	STATE	09/14/00	4.714	FAIR	16,500	\$23,760,000
2242360	B	GRAND CONCOURSE	BURNSIDE AVE		O	2	STATE	09/29/00	4.588	FAIR	8,400	\$12,096,000
2242370	B	GRAND CONCOURSE	BEDFORD PARK BLVD		O	1	STATE	05/09/00	4.823	FAIR	8,418	\$12,121,920
2242380	B	GRAND CONCOURSE	E 204TH ST		O	1	STATE	06/02/99	5.672	GOOD	9,272	\$13,351,680
2240390	KQ	GRAND ST BRIDGE	NEWTOWN CREEK		WM	2	STATE	11/21/00	4.458	FAIR	5,100	\$25,000,000
2249100	R	GRANITE AVE	B&O RAILROAD	O	O	4	STATE	02/21/00	6.372	VGOOD	7,300	\$10,512,000
2249370	R	GREAVES AVE	SIRT SOUTH SHORE	S	O	3	STATE	06/22/00	3.789	FAIR	6,100	\$8,784,000
2240370	KQ	GREENPOINT AVE BRIDGE	NEWTOWN CREEK	L	WM	12	STATE	11/10/99	5.555	GOOD	76,106	\$109,592,640
2241860	B	GUN HILL RD	METRO NORTH RR HAR	M	O	2	STATE	03/09/00	4.279	FAIR	9,000	\$12,960,000
2241910	B	GUN HILL ROAD	NYCTA-DYRE AVE LN	T	O	2	STATE	10/25/99	2.897	POOR	6,300	\$9,072,000

**INVENTORY SORTED BY FEATURE CARRIED**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2242430	B	GUN HILL ROAD	BRONX BLVD		O	4	STATE	07/12/00	5.052	GOOD	9,400	\$13,536,000
2242440	B	GUN HILL ROAD	BRONX RIVER		WO	1	STATE	03/09/00	5.300	GOOD	8,700	\$12,528,000
2231610	Q	GUY R. BREWER BLVD	BSOP		A	2	STATE	02/10/00	3.977	FAIR	7,300	\$10,512,000
2249380	R	GUYON AVE	SIRT SOUTH SHORE	S	O	3	STATE	08/20/99	4.902	FAIR	6,900	\$9,936,000
2240231	K	HAMILTON AVE BRIDGE	GOWANUS CANAL		WM	3	STATE	08/16/00	4.083	FAIR	7,300	\$10,512,000
2240232	K	HAMILTON AVE BRIDGE	GOWANUS CANAL		WM	3	STATE	08/17/00	4.180	FAIR	7,300	\$10,512,000
2249520	R	HANNAH ST	SIRT SOUTH SHORE	S	O	10	STATE	10/01/99	5.254	GOOD	10,020	\$14,428,800
2249180	R	HARBOR ROAD	B&O RAILROAD	O	O	4	STATE	05/28/99	6.254	VGOOD	6,615	\$9,525,600
2233059	M	HARLEM RIVER DRIVE	RAMP TO HRD N.B.		A	11	STATE	08/04/00	3.208	FAIR	51,000	\$73,440,000
2231780	Q	HEMPSTEAD AVE	BCIP		A	2	STATE	01/19/00	4.064	FAIR	14,200	\$20,448,000
2266149	Q	HEMPSTEAD AVE	CROSS ISLAND PKWY		A	2	STATE	05/12/00	4.076	FAIR	9,500	\$13,680,000
2229309	M	HHP	RIVERSIDE PARK		A	1	STATE	02/11/00	5.100	GOOD	2,400	\$3,456,000
2229339	M	HHP	ST CLAIR PLACE		A	64	STATE	03/21/00	3.887	FAIR	370,000	\$532,800,000
2229349	M	HHP	W 158 ST	A	A	44	STATE	11/08/00	4.113	FAIR	140,000	\$201,600,000
2229440	B	HHP	KAPPOCK ST		A	1	STATE	09/13/99	4.448	FAIR	3,900	\$5,616,000
2229530	B	HHP	BROADWAY		A	1	STATE	10/08/99	4.766	FAIR	7,500	\$10,800,000
2266229	M	HHP	PED UNDERPASS @ 148 ST		A	1	STATE	04/11/00	4.714	FAIR	1,800	\$2,592,000
2266230	M	HHP	PED UNDERPASS INWD PK		A	1	STATE	02/17/00	4.909	FAIR	800	\$1,152,000
2266240	M	HHP	PED UNDERPASS INWD PK		A	1	STATE	03/14/00	5.857	GOOD	1,100	\$1,584,000
2267250	M	HHP	AMTRAK 30TH ST LINE	A	A	55	STATE	07/11/00	3.516	FAIR	40,000	\$57,600,000
2229312	M	HHP NB	RAMP TO 96 ST		A	1	STATE	02/16/00	4.272	FAIR	2,000	\$2,880,000
2229322	M	HHP NB	RAMP TO 96 ST		A	1	STATE	07/13/00	5.433	GOOD	2,000	\$2,880,000
M00004	M	HHP ON/OFF RMP-79 EB	PEDESTRIAN PATH		A	1	CITY	07/20/00	4.933	FAIR	900	\$1,296,000
M00003	M	HHP ON/OFF RMP-79 WB	PEDESTRIAN PATH		A	1	CITY	11/16/00	4.767	FAIR	900	\$1,296,000
2229311	M	HHP SB	RAMP TO 96 ST		A	1	STATE	02/16/00	4.181	FAIR	2,000	\$2,880,000
2229321	M	HHP SB	RAMP TO 96 ST		A	1	STATE	07/13/00	5.200	GOOD	2,000	\$2,880,000
2229289	M	HHP VIADUCT	W 72 ST TO W 79 ST	A	A	145	STATE	10/25/00	3.388	FAIR	236,100	\$339,984,000
2230000	K	HIGHLAND BLVD E.B.	JACKIE ROBINSON PKWY		A	1	STATE	02/09/00	4.933	FAIR	4,900	\$7,056,000
2230220	K	HIGHLAND BLVD NB	VERMONT AVE		A	1	STATE	07/27/99	6.328	VGOOD	3,995	\$5,752,800
2230010	K	HIGHLAND BLVD W.B.	JACKIE ROBINSON PKWY		A	1	STATE	02/09/00	5.266	GOOD	3,500	\$5,040,000
2230020	K	HIGHLAND BLVD W.B.	JACKIE ROBINSON PKWY		A	2	STATE	02/09/00	4.947	FAIR	4,700	\$6,768,000
2243780	K	HIGHLAWN AVE	BMT SEA BEACH	T	O	6	STATE	10/07/99	6.862	VGOOD	11,300	\$16,272,000
2244120	K	HILL DRIVE	PROSPECT PK LAKE		WO	3	STATE	03/15/00	3.600	FAIR	7,800	\$11,232,000
2231840	Q	HILLSIDE AVE	BCIP		A	2	STATE	05/19/00	4.184	FAIR	9,672	\$13,927,680
2247320	Q	HONEYWELL ST	AMTRAK & LIRR YARD	AL	O	22	STATE	09/18/00	2.500	POOR*	98,300	\$141,552,000
2300130	Q	HOOK CREEK	HOOK CREEK BRIDGE		W	3	STATE	09/24/99	6.552	VGOOD	18,302	\$26,354,880
2249020	R	HOPE AVE	B&O RR (ABANDONED)		O	1	STATE	11/08/99	4.224	FAIR	2,500	\$3,600,000
2232040	M	HOUSTON ST	FDR DRIVE		A	2	STATE	10/06/00	3.000	POOR	11,010	\$15,854,400
223204B	M	HOUSTON ST RAMP TO FDR	RELIEF		AR	4	STATE	04/03/00	4.333	FAIR	7,642	\$11,004,480
2267240	M	HRD NB RAMP	HARLEM RIVER DR		A	51	STATE	11/15/00	2.851	POOR	112,860	\$162,518,400
2249300	R	HUGUENOT AVE	SIRT SOUTH SHORE	S	O	2	STATE	08/19/99	4.339	FAIR	4,900	\$7,056,000
2240450	Q	HUNTERS PT AVE BRIDGE	DUTCH KILLS		WM	4	STATE	03/17/00	5.333	GOOD	11,544	\$16,623,360
2241190	B	HUNTS POINT AVE	AMTRAK	A	O	1	STATE	06/02/00	5.250	GOOD	13,700	\$19,728,000
2075859	B	HUTCHINSON RVR PKWY	HUTCHINSON RIVER		WM	7	STATE	10/23/98	5.594	GOOD	60,500	\$87,120,000
2241959	B	HUTCHINSON RVR PKWY	AMTRAK	A	O	1	STATE	06/26/00	6.237	VGOOD	15,444	\$22,239,360
2249810	R	HYLAN BLVD	LEMON CREEK		WO	1	STATE	09/12/00	6.625	VGOOD	11,400	\$16,416,000
2248299	Q	INTER PKWY-UNION TPK	AUSTIN ST		O	1	STATE	01/05/00	4.750	FAIR	5,900	\$8,496,000
2245300	M	INWOOD HILL PK FTBR	AMTRAK 30 ST BRANCH	A	O-PED	6	CITY	11/13/00	4.472	FAIR	700	\$1,008,000
2246690	M	ISHAM PK VEHICULR	HARLEM RIVER INLET		O	1	STATE	04/26/00	4.366	FAIR	700	\$1,008,000
2230099	Q	JACKIE ROBINSON PKWY	CYPRESS HILLS CEMETRY		A	1	STATE	01/05/00	5.482	GOOD	4,200	\$6,048,000
2230179	Q	JACKIE ROBINSON PKWY	METROPOLITAN AVE		A	2	STATE	01/13/00	5.035	GOOD	8,673	\$12,489,120
2247260	Q	JACKSON AVE	LIRR,AMT,CON NE	L	O	1	STATE	08/02/00	6.316	VGOOD	4,517	\$6,504,480
2231819	Q	JAMAICA AVE	BCIP		A	2	STATE	02/17/00	4.590	FAIR	11,500	\$16,560,000
2230287	B	JEROME AVE	MOSHOLU PARKWAY	T	A	3	STATE	10/13/99	4.105	FAIR	11,800	\$16,992,000
2249070	R	JOHN ST	B&O RAILROAD	O	O-PED	3	CITY	01/04/00	6.806	VGOOD	5,800	\$8,352,000
2247480	Q	JUNIPER BLVD SO	CONRAIL	C	O	1	STATE	04/06/99	6.278	VGOOD	8,500	\$12,240,000
2230380	K	KANE ST	278I (B.Q.E.)		A	2	STATE	03/06/00	4.458	FAIR	5,000	\$7,200,000
2243770	K	KINGS HIGHWAY	BMT SEA BEACH	T	O	4	STATE	03/29/00	3.368	FAIR	12,000	\$17,280,000
2231449	K	KNAPP ST	BSHP		A	1	STATE	01/21/00	4.796	FAIR	9,500	\$13,680,000
2241169	B	LAFAYETTE AVE	AMTRAK	A	O	1	STATE	05/25/00	5.825	GOOD	12,000	\$17,280,000
2249110	R	LAKE AVE	B&O RAILROAD	O	O	3	STATE	05/27/99	6.074	VGOOD	5,900	\$8,496,000
2247240	Q	LEFFERTS BLVD	LIRR MAIN LINE	L	O	3	STATE	06/09/99	6.014	VGOOD	5,460	\$7,862,400
2241139	B	LEGGETT AVE	AMTRAK	A	O	3	STATE	06/21/00	4.690	FAIR	28,300	\$40,752,000
2243850	K	LIBERTY AVE	LIRR BAY RIDGE LINE	N	O	4	STATE	10/07/99	4.324	FAIR	6,400	\$9,216,000
2249460	R	LINCOLN AVE	SIRT SOUTH SHORE	S	O	1	STATE	08/31/99	5.466	GOOD	4,500	\$6,480,000
2243190	K	LINCOLN PLACE	FRANKLIN SHUTTLE	T	O	3	STATE	03/17/00	7.000	VGOOD	3,400	\$4,896,000
2243010	K	LINCOLN ROAD	BMT SUBWAY, BRIGHTON	T	O	4	STATE	05/22/00	4.161	FAIR	6,100	\$8,784,000
2231750	Q	LINDEN BLVD	BCIP		A	2	STATE	01/28/00	4.068	FAIR	6,700	\$9,648,000
2248040	Q	LINDEN BLVD	CONDUIT AVE		O	1	STATE	03/20/00	5.266	GOOD	3,352	\$4,826,880
2243910	K	LIVONIA AVE PED BRDG	LIRR BAY RIDGE LINE	N	O-PED	3	CITY	05/24/94	5.375	GOOD	2,500	\$3,600,000

**INVENTORY SORTED BY FEATURE CARRIED**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2241159	B	LONGWOOD AVE	AMTRAK	A	O	1	STATE	05/24/00	6.041	VGOOD	10,625	\$15,300,000
1240090	BM	MACOMBS DAM BRIDGE	HARLEM RIVER		WM	52	STATE	09/25/00	2.125	POOR	139,100	\$200,304,000
2240079	BM	MADISON AVE BRIDGE	HARLEM RIVER		WM	31	STATE	07/21/00	5.583	GOOD	80,000	\$115,200,000
2249210	R	MAIN ST PED BRDG	SIRT SOUTH SHORE	S	O-PED	9	CITY	03/15/00	4.895	FAIR	400	\$576,000
2240027	KM	MANHATTAN BRIDGE(LL)	EAST RIVER	T	WE	23	STATE	11/17/00	3.472	FAIR	616,390	\$887,601,600
2240028	KM	MANHATTAN BRIDGE(UL)	NYCTA TRACKS-BMT	T	WE	43	STATE	10/16/00	3.500	FAIR	587,424	\$845,890,560
2229480	B	MANHATTAN COLL PKWY	HHP		A	3	STATE	06/23/99	4.184	FAIR	6,200	\$8,928,000
2230190	Q	MARKWOOD ROAD	JACKIE ROBINSON PKWY		A	1	STATE	02/23/00	5.333	GOOD	4,400	\$6,336,000
2249760	R	MARTLINGS AVE	RICHMOND LAKE DAM		WO	2	STATE	07/15/99	4.900	FAIR	7,000	\$10,080,000
2269030	B	MATTHEWSON ROAD	McCRACKEN AVE		O	15	STATE	09/22/98	4.000	FAIR	14,880	\$21,427,200
2249060	R	McCLEAN AVE	B&O RR (ABANDONED)		O	1	STATE	02/28/00	3.981	FAIR	2,500	\$3,600,000
2243410	K	MCDONALD AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	04/13/00	5.421	GOOD	2,760	\$3,974,400
2241110	B	MELROSE AVE	CONRAIL PT MORRIS	C	O	11	STATE	08/19/99	6.430	VGOOD	37,854	\$54,509,760
2231710	Q	MERRICK BLVD	BLP E.B.		A	1	STATE	03/10/00	4.133	FAIR	6,000	\$8,640,000
2231720	Q	MERRICK BLVD	BLP W.B.		A	1	STATE	03/10/00	4.200	FAIR	6,000	\$8,640,000
1247560	Q	METROPOLITAN AVE	LIRR MONTAUK DIV	L	O	2	STATE	06/13/00	3.634	FAIR	20,900	\$30,096,000
2240290	K	METROPOLITAN AVE	ENGLISH KILLS		WM	5	STATE	11/11/99	4.186	FAIR	15,245	\$21,952,800
2247500	Q	METROPOLITAN AVE	CONRAIL	C	O	1	STATE	04/07/99	4.767	FAIR	18,650	\$26,856,000
2249470	R	MIDLAND AVE	SIRT SOUTH SHORE	S	O	1	STATE	09/01/99	5.828	GOOD	3,000	\$4,320,000
2257569	M	MILLER HIGHWAY	TERRAIN		A	63	STATE	10/15/99	4.535	FAIR	287,539	\$414,056,160
2249530	R	MINTHORNE ST PED BRDG	SIRT SOUTH SHORE	S	O-PED	23	CITY	10/10/00	7.000	VGOOD	1,600	\$2,304,000
2243240	K	MONTGOMERY ST	FRANKLIN SHUTTLE	T	O	1	STATE	11/08/99	6.627	VGOOD	2,200	\$3,168,000
2249090	R	MORNINGSTAR ROAD	B&O RAILROAD	O	O	4	STATE	06/24/99	5.508	GOOD	7,900	\$11,376,000
2268930	M	MORRIS ST PED BRDG	BKLN-BATTERY TUNN PLZ		A-PED	3	CITY	07/11/00	4.535	FAIR	1,200	\$1,728,000
2230250	B	MOSHOLU PARKWAY	BRONX RIVER		A	5	STATE	01/04/00	4.263	FAIR	16,300	\$23,472,000
2230260	B	MOSHOLU PARKWAY	METRO NORTH	M	A	1	STATE	03/17/00	6.484	VGOOD	8,880	\$12,787,200
2230270	B	MOSHOLU PARKWAY	WEBSTER AVE		A	1	STATE	04/13/99	5.859	GOOD	8,480	\$12,211,200
2230290	B	MOSHOLU PARKWAY	EQUESTRIAN PATH		A	1	STATE	01/20/00	4.724	FAIR	4,300	\$6,192,000
2230300	B	MOSHOLU PARKWAY	CONRAIL (ABANDONED)	C	A	1	STATE	09/29/98	4.229	FAIR	5,200	\$7,488,000
2230310	B	MOSHOLU PARKWAY	SB RAMP TO HHP		A	2	STATE	09/14/99	5.243	GOOD	7,400	\$10,656,000
2247110	Q	MURRAY ST	LIRR N SIDE DIV	L	O	1	STATE	05/03/99	5.556	GOOD	4,000	\$5,760,000
2230120	Q	MYRTLE AVE	JACKIE ROBINSON PKWY		A	1	STATE	03/01/00	5.000	GOOD	6,400	\$9,216,000
2247620	Q	MYRTLE AVE	ABANDONED LIRR	L	O	3	STATE	01/28/00	5.277	GOOD	6,725	\$9,684,000
2231670	Q	N CONDUIT AVE W.B.	BLP E.B.		A	1	STATE	01/05/00	4.916	FAIR	4,000	\$5,760,000
2231680	Q	N CONDUIT AVE WB	BLP W.B.		A	2	STATE	01/07/00	4.840	FAIR	6,500	\$9,360,000
205580A	Q	N.BLVD WB TO 6781 SB	VACANT LAND		AR	16	STATE	09/14/00	5.090	GOOD	8,600	\$12,384,000
2249350	R	NELSON AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	1	CITY	03/14/00	5.176	GOOD	300	\$432,000
1067150	B	NEREID AVE (2241880)	BRONX RIVER PKWY	M	O	10	STATE	11/11/99	4.211	FAIR	57,750	\$83,160,000
2249430	R	NEW DORP LANE	SIRT SOUTH SHORE	S	O	2	STATE	08/26/99	4.939	FAIR	7,600	\$10,944,000
2243660	K	NEW UTRECHT AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	04/12/00	4.346	FAIR	2,400	\$3,456,000
2243140	K	NEWKIRK AVE	BMT SUBWAY, BRIGHTON	T	O	3	STATE	03/07/00	4.294	FAIR	4,100	\$5,904,000
2240240	K	NINTH ST BRIDGE	GOWANUS CANAL		WM	5	STATE	11/16/99	7.000	VGOOD	4,800	\$30,000,000
2231870	Q	NORTHERN BLVD	BCIP		A	2	STATE	12/08/00	6.653	VGOOD	8,900	\$12,816,000
2240440	Q	NORTHERN BLVD	ALLEY CREEK		W	2	STATE	03/27/00	4.986	FAIR	8,300	\$11,952,000
2055802	Q	NORTHERN BLVD E.B.	FLUSHING RIVER		W	40	STATE	08/29/00	4.380	FAIR	78,894	\$113,607,360
2055801	Q	NORTHERN BLVD W.B.	FLUSHING RIVER		W	40	STATE	07/28/00	4.746	FAIR	71,900	\$103,536,000
2243500	K	NOSTRAND AVE	LIRR BAY RIDGE LINE	N	O	2	STATE	03/03/00	5.322	GOOD	4,320	\$6,220,800
2240138	BM	NYCTA IRT	HARLEM RVR/BROADWAY	T	WM	3	STATE	10/15/99	4.882	FAIR	38,100	\$54,864,000
2243480	K	OCEAN AVE	LIRR BAY RIDGE LINE	N	O	2	STATE	10/30/00	4.859	FAIR	5,000	\$7,200,000
2240320	K	OCEAN AVE PED BRDG	SHEEPSHEAD BAY		W-PED	30	CITY	12/05/00	4.263	FAIR	4,000	\$5,760,000
2243439	K	OCEAN PKWY	LIRR BAY RIDGE LINE	N	O	1	STATE	10/30/00	4.833	FAIR	7,000	\$10,080,000
2249269	R	PAGE AVE	SIRT SOUTH SHORE	S	O	4	STATE	08/16/99	6.375	VGOOD	30,420	\$43,804,800
2245470	M	PARK AVE N.B	E 45TH ST		O	1	STATE	04/13/00	4.973	FAIR	2,400	\$3,456,000
2245460	M	PARK AVE S.B.	E 45TH ST		O	1	STATE	04/13/00	4.810	FAIR	2,400	\$3,456,000
2246550	M	PARK AVE VIADUCT	E 42ND ST		O	10	STATE	09/20/00	4.597	FAIR	19,600	\$28,224,000
2247600	Q	PARK LANE SOUTH	LIRR MONTAUK DIV	AL	O	3	STATE	06/22/00	7.000	VGOOD	5,900	\$8,496,000
2242099	B	PARK ROAD (204TH ST)	BRONX RIVER		O	1	STATE	03/07/00	4.172	FAIR	4,700	\$6,768,000
224001A	M	PARK ROW TO BKLN	WILLIAM ST N.B.		OE	3	STATE	05/01/00	4.194	FAIR	8,685	\$12,506,400
2243020	K	PARKSIDE AVE	BMT SUBWAY, BRIGHTON	T	O	6	STATE	03/16/00	3.684	FAIR	48,700	\$70,128,000
2247060	Q	PARSONS BLVD	LIRR N SIDE DIV	L	O	1	STATE	06/26/00	5.333	GOOD	4,200	\$6,048,000
224001C	M	PEARL ST TO BKLN	LAND ADJ TO BRDG		OE	12	STATE	05/04/00	3.779	FAIR	6,489	\$9,344,160
224001F	M	PEARL ST TO FDR DR	LAND ADJ TO BRDG		OE	3	STATE	06/21/99	5.113	GOOD	5,200	\$7,488,000
2246090	M	PED BRDG OPP 65 ST	TRANSVERSE RD #1		O-PED	1	CITY	11/12/00	4.655	FAIR	2,300	\$3,312,000
2245400	M	PED BRDG W OF 8TH AV	W 155TH ST		O-PED	1	CITY	10/08/93	1.000	POOR*	400	\$576,000
2247630	Q	PED BRG NEAR UNION TPK	ABANDONED LIRR		O-PED	8	CITY	08/29/00	5.154	GOOD	900	\$1,296,000
2246440	M	PED IN CTR OF PK	TRANSVERSE RD NO.2		O-PED	1	CITY	06/10/00	3.724	FAIR	5,900	\$8,496,000
2246030	M	PEDESTRIAN BRIDGE	POND		O-PED	1	CITY	03/22/00	3.857	FAIR	1,400	\$2,016,000
2246620	M	PEDESTRIAN BRIDGE	E 128TH ST		O-PED	18	CITY	12/08/99	4.019	FAIR	2,300	\$3,312,000
M00001	M	PEDESTRIAN TUNNEL	BROADWAY TO		O-PED	1	CITY	07/12/00	4.200	FAIR	2,000	\$2,880,000

**INVENTORY SORTED BY FEATURE CARRIED**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2231519	K	PENNSYLVANIA AVE	BSHP		A	2	STATE	07/16/99	6.292	VGOOD	6,191	\$8,915,040
2243870	K	PITKIN AVE	LIRR BAY RIDGE LINE	N	O	3	STATE	11/01/00	4.088	FAIR	5,600	\$8,064,000
2243210	K	PRESIDENT ST	FRANKLIN SHUTTLE	T	O	2	STATE	03/23/00	5.161	GOOD	2,500	\$3,600,000
2232167	M	PROMENADE OVER FDR	FDR/E79TH ST-E91ST ST		A-PED	53	STATE	11/02/00	3.143	FAIR	93,000	\$133,920,000
2268760	M	PS-5 PEDESTRIAN BR.	TENTH AVENUE		O-PED	5	CITY	05/23/00	6.592	VGOOD	1,500	\$2,160,000
2240639	KQ	PULASKI BRIDGE	NEWTOWN CREEK		WM	48	STATE	03/14/00	4.943	FAIR	205,770	\$296,308,800
2230209	Q	QUEENS BLVD	JACKIE ROBINSON PKWY	T	A	5	STATE	05/19/00	4.698	FAIR	90,000	\$129,600,000
2230530	Q	QUEENS BLVD	278I (B.Q.E.)		A	2	STATE	06/27/00	4.138	FAIR	23,500	\$33,840,000
2230869	Q	QUEENS BLVD	ACCESS RD BQE S.B.		A	1	STATE	04/10/00	4.090	FAIR	7,900	\$11,376,000
2247310	Q	QUEENS BLVD	AMTRAK & LIRR YARD	L	O	19	STATE	09/21/00	3.000	POOR	92,400	\$133,056,000
2240047	MQ	QUEENSBORO BRIDGE(LL)	EAST RIVER	L	WE	53	STATE	12/20/00	4.861	FAIR	626,900	\$902,736,000
2240048	MQ	QUEENSBORO BRIDGE(UL)	EAST RIVER-LL		WE	37	STATE	12/20/00	4.472	FAIR	322,300	\$464,112,000
222933A	M	RAMP FROM S.B. HHP	W 135 ST		AR	9	STATE	07/21/00	4.802	FAIR	12,900	\$18,576,000
223201D	M	RAMP TO N.B. FDR DRIVE	FDR & SOUTH ST.		AR	22	STATE	06/29/00	5.622	GOOD	15,825	\$22,788,000
222933B	M	RAMP TO N.B. HHP	W 135 ST		AR	14	STATE	01/20/00	4.422	FAIR	14,400	\$20,736,000
222934A	M	RAMP TO N.B. HHP	AMTRAK WEST SIDE	A	AR	26	STATE	11/07/00	3.722	FAIR	10,800	\$15,552,000
2249270	R	RICHMOND VALLEY ROAD	SIRT SOUTH SHORE	S	O	4	STATE	08/11/99	5.418	GOOD	9,300	\$13,392,000
2240350	R	RICHMOND AVE	RICHMOND CREEK		W	3	STATE	08/10/99	6.056	VGOOD	32,589	\$46,928,160
2244150	K	RIDGE BLVD	SHORE RD DRIVE		O	1	STATE	07/14/99	4.600	FAIR	7,000	\$10,080,000
2240660	Q	RIKERS ISLAND BRIDGE	RIKERS ISL CHANNEL		W	56	STATE	08/04/99	5.000	GOOD	183,100	\$263,664,000
2241430	B	RIVER AVE	METRO NORTH RR HUD	M	O	1	STATE	10/14/99	6.422	VGOOD	5,040	\$7,257,600
2229510	B	RIVERDALE AVE	HHP		A	2	STATE	10/29/99	4.053	FAIR	5,200	\$7,488,000
2246660	M	RIVERSIDE DRIVE	W 125TH ST & OTHERS		O	27	STATE	09/30/99	4.458	FAIR	148,300	\$213,552,000
2246720	M	RIVERSIDE DRIVE	W 158TH ST		O	77	STATE	11/19/00	3.597	FAIR	181,400	\$261,216,000
2246970	M	RIVERSIDE DRIVE	W 96TH ST		O	3	STATE	08/02/00	5.352	GOOD	10,600	\$15,264,000
2246980	M	RIVERSIDE DRIVE	W 138TH ST		O	1	STATE	07/11/00	4.633	FAIR	6,700	\$9,648,000
2267130	M	RIVERSIDE DRIVE	W 145TH ST		O	1	STATE	05/21/99	4.867	FAIR	5,800	\$8,352,000
2248369	Q	ROCKAWAY BLVD	THURSTON BASIN		WO	2	STATE	04/28/00	3.684	FAIR	6,000	\$8,640,000
2230587	Q	ROOSEVELT AVE	278I (B.Q.E.)		A	2	STATE	01/19/00	4.529	FAIR	6,600	\$9,504,000
2240507	Q	ROOSEVELT AVE	678I - VAN WYCK EXPWY		W	27	STATE	06/12/00	3.507	FAIR	84,424	\$121,570,560
2247380	Q	ROOSEVELT AVE	CONRAIL HELLGATE	C	O	2	STATE	08/07/00	5.097	GOOD	5,200	\$7,488,000
2267160	Q	ROOSEVELT AVE	FLUSHING MDW PK ROAD		O	4	STATE	03/11/99	4.587	FAIR	7,280	\$10,483,200
2240640	MQ	ROOSEVELT ISLAND	E. RIVER E. CHANNEL		WM	8	STATE	03/20/00	4.347	FAIR	36,500	\$52,560,000
2249420	R	ROSE AVE	SIRT SOUTH SHORE	S	O	2	STATE	08/24/99	5.591	GOOD	3,800	\$5,472,000
2249410	R	ROSS AVE	SIRT SOUTH SHORE	S	O	2	STATE	08/25/99	5.500	GOOD	3,800	\$5,472,000
2248200	Q	RUST ST	FLUSHING AVE		O	1	STATE	04/20/99	5.391	GOOD	2,900	\$4,176,000
2231560	Q	S CONDUIT BLVD	BSOP		A	2	STATE	03/15/00	5.633	GOOD	15,776	\$22,717,440
2242210	B	S OF ALLERTON AVE	BRONX RIVER		WO	3	STATE	03/21/00	4.763	FAIR	6,200	\$8,928,000
2230370	K	SACKETT ST	278I (B.Q.E.)		A	2	STATE	03/10/00	4.625	FAIR	5,000	\$7,200,000
226771D	M	SB HHP RAMP TO 79 ST	79 ST BT BASIN GAR		AR	4	STATE	07/12/99	4.371	FAIR	2,601	\$3,745,440
2244470	K	SEELEY ST	PROSPECT AVE		O	1	STATE	07/22/99	3.867	FAIR	7,700	\$11,088,000
2249290	R	SEGUINE AVE	SIRT SOUTH SHORE	S	O	1	STATE	08/13/99	5.953	GOOD	2,200	\$3,168,000
2248240	Q	SERVICE RD TURNAROUND	OVER FLUSHING AVE		O	1	STATE	03/25/99	5.188	GOOD	2,900	\$4,176,000
2241390	B	SHORE RD CIRCLE	AMTRAK	A	O	2	STATE	11/22/00	3.000	POOR	4,800	\$6,912,000
2240200	B	SHORE ROAD	HUTCHINSON RIVER		WM	7	STATE	11/24/98	3.985	FAIR	4,800	\$120,000,000
2249120	R	SIMONSON AVE	B&O RAILROAD	O	O	3	STATE	05/18/99	6.111	VGOOD	5,819	\$8,379,360
2249860	R	SLATER BLVD	NEW CREEK		WO	1	STATE	06/02/99	4.224	FAIR	3,500	\$5,040,000
2249200	R	SOUTH AVE	B&O RAILROAD	O	O	5	STATE	06/09/00	2.469	POOR	10,100	\$14,544,000
2244440	K	SOUTH OF TILLARY ST	NAVY ST		O-PED	1	CITY	03/16/00	4.333	FAIR	6,200	\$8,928,000
2241080	B	SOUTHERN BLVD	CONRAIL PT MORRIS	C	O	1	STATE	09/14/00	4.185	FAIR	3,900	\$5,616,000
2242029	B	SOUTHERN BLVD	BRONX PELHAM PKWY		O	2	STATE	02/04/00	4.447	FAIR	12,900	\$18,576,000
2242220	B	SOUTHERN BLVD	BRONX RIVER		O	2	STATE	03/20/00	4.210	FAIR	4,800	\$6,912,000
2231630	Q	SPRINGFIELD BLVD	BSOP		A	2	STATE	03/15/00	4.636	FAIR	8,500	\$12,240,000
2268770	Q	SPRINGFIELD BLVD	EQUES. PATH (ABAND.)		O	1	STATE	07/12/99	4.333	FAIR	1,470	\$2,116,800
2243180	K	ST JOHNS PLACE	FRANKLIN SHUTTLE	T	O	1	STATE	11/03/99	6.797	VGOOD	2,200	\$3,168,000
2241700	B	ST PAULS PL PED BRDG	METRO NORTH RR HAR	M	O-PED	2	CITY	08/03/00	6.296	VGOOD	600	\$864,000
2241060	B	ST. MARYS & CONCORD	CONRAIL PT MORRIS	C	O	1	STATE	09/12/00	5.333	GOOD	4,500	\$6,480,000
2230600	Q	STEINWAY ST	278I W.B. (B.Q.E.)		A	1	STATE	01/13/00	4.333	FAIR	4,200	\$6,048,000
2230610	Q	STEINWAY ST	278I E.B. (B.Q.E.)		A	1	STATE	01/12/00	4.027	FAIR	4,200	\$6,048,000
2243170	K	STERLING PLACE	FRANKLIN SHUTTLE	T	O	1	STATE	11/04/99	6.594	VGOOD	2,300	\$3,312,000
223201C	M	STH ST RMP TO FDR	SOUTH ST		AR	8	STATE	03/03/00	4.641	FAIR	39,150	\$56,376,000
223201B	M	STH ST RMP TO FDR S.B.	SOUTH ST		AR	10	STATE	02/24/00	3.716	FAIR	44,625	\$64,260,000
2240540	K	STILLWELL AVE	CONEY ISLAND CRK		W	2	STATE	09/09/99	6.181	VGOOD	17,000	\$24,480,000
2230350	K	SUMMIT ST PED BRDG	278I (B.Q.E.)		A-PED	2	STATE	10/03/00	4.714	FAIR	1,400	\$2,016,000
2231650	Q	SUNRISE HWY W.B.	BLP E.B.		A	1	STATE	03/02/00	4.622	FAIR	4,100	\$5,904,000
2231660	Q	SUNRISE HWY W.B.	BLP W.B.		A	2	STATE	04/28/00	4.656	FAIR	5,350	\$7,704,000
2231800	Q	SUPERIOR ROAD	BCIP		A	2	STATE	02/28/00	4.227	FAIR	7,000	\$10,080,000
2243890	K	SUTTER AVE	LIRR BAY RIDGE LINE	N	O	3	STATE	10/12/99	4.382	FAIR	5,400	\$7,776,000
2240310	K	THIRD AVE	GOWANUS CANAL		W	1	STATE	09/03/99	4.273	FAIR	3,200	\$4,608,000

**INVENTORY SORTED BY FEATURE CARRIED**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2241040	B	THIRD AVE	CONRAIL PT MORRIS	C	O	1	STATE	09/08/00	4.625	FAIR	2,700	\$3,888,000
2240069	BM	THIRD AVE BRIDGE	HARLEM RIVER		WM	32	STATE	10/05/00	3.027	FAIR	79,950	\$115,128,000
2240250	K	THIRD ST	GOWANUS CANAL		WM	5	STATE	09/03/99	4.903	FAIR	4,900	\$15,000,000
2247300	Q	THOMPSON AVE	AMTRAK YARD	L	O	14	STATE	08/18/00	5.527	GOOD	61,280	\$88,243,200
2241170	B	TIFFANY ST	AMTRAK	A	O	1	STATE	08/26/99	6.176	VGOOD	7,267	\$10,464,480
224004H	Q	TO 21ST ST FROM NY	22ND ST		OE	34	STATE	11/02/00	4.211	FAIR	48,100	\$69,264,000
224001B	M	TO BKLN FRM FDR	FRANKFRT & CITY		OE	31	STATE	04/26/00	4.111	FAIR	51,400	\$74,016,000
224005B	B	TO BRUCKNER BLVD	RELIEF		OR	5	STATE	09/22/99	4.152	FAIR	12,100	\$17,424,000
224006A	B	TO BRUCKNER BLVD	RELIEF		OR	11	STATE	04/27/00	3.338	FAIR	11,100	\$15,984,000
224004B	M	TO E 60TH ST FROM QNS	FIRST AVE		OE	13	STATE	11/13/00	5.792	GOOD	14,800	\$21,312,000
224004C	M	TO E 62ND ST FROM QNS	E 60TH ST		OE	10	STATE	11/09/00	4.985	FAIR	16,720	\$24,076,800
224001D	M	TO FDR DR N.B.	PEARL STREET		OE	30	STATE	06/15/99	5.547	GOOD	49,600	\$71,424,000
2245480	M	TO GWB OPP W 171ST ST	RIVERSIDE DRIVE		O	1	STATE	07/24/00	5.571	GOOD	10,800	\$15,552,000
224007A	M	TO MADISON AVENUE	RELIEF		OR	9	STATE	07/21/00	6.140	VGOOD	22,600	\$32,544,000
224004E	Q	TO NY FR THOMSON AVE	JACKSON AVE		OE	64	STATE	12/15/00	4.830	FAIR	104,600	\$150,624,000
224004G	Q	TO NY FROM 11TH ST	TERRAIN (CHAMBER)		OE	36	STATE	10/06/00	4.739	FAIR	8,360	\$12,038,400
224004F	Q	TO NY FROM 21ST ST	21ST ST (QUEENS)		OE	63	STATE	12/15/00	4.439	FAIR	63,310	\$91,166,400
224001G	M	TO PARK ROW	ROSE ST		OE	11	STATE	06/24/99	4.667	FAIR	16,551	\$23,833,440
224001E	M	TO PEARL ST	LAND ADJ TO BRDG		OE	3	STATE	06/18/99	5.394	GOOD	5,300	\$7,632,000
224004A	M	TO QNS FRM E 59TH ST	FIRST AVE		OE	13	STATE	11/13/00	5.789	GOOD	14,800	\$21,312,000
224004D	M	TO QNS FROM E 58TH ST	E 59TH ST		OE	12	STATE	10/20/00	4.623	FAIR	11,781	\$16,964,640
224004I	Q	TO THOMSON AVE FROM NY	JACKSON AVE		OE	38	STATE	11/28/00	5.377	GOOD	59,100	\$85,104,000
2249040	R	TOMPkins AVE	B&O RR (ABANDONED)		O	1	STATE	02/29/00	6.515	VGOOD	5,096	\$7,338,240
2249510	R	TOMPkins AVE	WILLOW AVE, SIRT	S	O	2	STATE	06/21/00	5.915	GOOD	5,378	\$7,744,320
2249840	R	TOMPkins AVE	GREENFIELD AVE		O	1	STATE	03/01/00	5.744	GOOD	2,562	\$3,689,280
2249230	R	TRACY AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	9	CITY	03/13/00	3.968	FAIR	200	\$288,000
2246410	M	TRANSVERSE RD. #1	PED WALK NEAR 5 AV		O	1	STATE	04/10/00	4.409	FAIR	2,000	\$2,880,000
2249870	R	TRAVIS AVE	MAIN CREEK		WO	1	STATE	02/21/00	4.218	FAIR	1,700	\$2,448,000
2246560	M	TUDOR CITY PLACE	E 42ND ST		O	1	STATE	03/24/00	5.027	GOOD	6,600	\$9,504,000
2249170	R	UNION AVE	B&O RAILROAD	O	O	4	STATE	05/27/99	5.426	GOOD	6,500	\$9,360,000
2230360	K	UNION ST	278I (B.Q.E.)		A	2	STATE	03/10/00	4.486	FAIR	5,000	\$7,200,000
2240270	K	UNION ST	GOWANUS CANAL		WM	5	STATE	08/07/00	4.152	FAIR	4,900	\$15,000,000
2243200	K	UNION ST	FRANKLIN SHUTTLE	T	O	2	STATE	03/22/00	5.047	GOOD	4,100	\$5,904,000
2247040	Q	UNION ST	LIRR N SIDE DIV	L	O	1	STATE	04/26/99	6.389	VGOOD	3,313	\$4,770,720
2230180	Q	UNION TPKE	JACKIE ROBINSON PKWY		A	1	STATE	02/16/00	5.812	GOOD	5,359	\$7,716,960
2231850	Q	UNION TPKE	BCIP		A	2	STATE	02/17/00	4.227	FAIR	13,600	\$19,584,000
2248129	Q	UNION TPKE	CREEDMOOR HOSP RD		O	1	STATE	03/08/99	4.333	FAIR	3,500	\$5,040,000
2241330	B	UNIONPORT ROAD	AMTRAK	A	O	1	STATE	06/24/00	4.906	FAIR	4,400	\$6,336,000
2246570	M	UNITED NATIONS PL	FIRST AVE TUNNEL		OT	2	STATE	10/02/00	5.078	GOOD	92,200	\$132,768,000
2231910	Q	UTOPIA PKWY	BCIP		A	2	STATE	01/18/00	4.789	FAIR	7,200	\$10,368,000
2229550	B	VAN CRTLDT EQUES	HHP		A-PED	2	CITY	08/16/00	4.825	FAIR	2,100	\$3,024,000
2229540	B	VAN CRTLDT PARK	HHP		A-PED	2	CITY	10/13/00	4.565	FAIR	3,900	\$5,616,000
2249130	R	VAN NAME AVE	B&O RAILROAD	O	O	3	STATE	06/22/00	5.389	GOOD	5,474	\$7,882,560
2249140	R	VAN PELT AVE	B&O RAILROAD	O	O	3	STATE	05/20/99	5.847	GOOD	5,000	\$7,200,000
2246670	M	W 134 ST VIADUCT	RIVERSIDE DRIVE		O	3	STATE	07/13/99	5.000	GOOD	7,927	\$11,414,880
2245230	M	W 148TH ST PED BRDG	AMTRAK 30 ST BRANCH	A	O-PED	3	CITY	11/16/00	4.000	FAIR	1,100	\$1,584,000
2246710	M	W 153 ST	A.C. POWELL BLVD		O	1	STATE	04/20/00	4.388	FAIR	3,082	\$4,438,080
2245290	M	W 155TH ST PED BRDG	AMTRAK 30 ST BRANCH	A	O-PED	3	CITY	11/15/00	4.015	FAIR	800	\$1,152,000
2245250	M	W 158TH ST	AMTRAK 30 ST BRANCH	A	O	7	STATE	08/19/99	6.556	VGOOD	29,170	\$42,004,800
2245260	M	W 173RD ST PED BRDG	AMTRAK 30 ST BRANCH	A	O-PED	2	CITY	11/14/00	4.743	FAIR	1,500	\$2,160,000
2246600	M	W 176TH ST PED BRDG	APPROACH TO G.W.B.		O-PED	1	CITY	10/12/99	4.778	FAIR	1,200	\$1,728,000
2246489	M	W 181 ST	RAMP TO WASH BR		O	1	STATE	03/06/00	4.766	FAIR	8,200	\$11,808,000
2229400	M	W 181ST ST PED BRDG	HHP N.B.		A-PED	6	CITY	10/24/00	3.429	FAIR	1,500	\$2,160,000
2241940	B	W 205TH ST	NYCTA IND YARDS	T	O	7	STATE	10/04/99	6.389	VGOOD	37,800	\$54,432,000
2240120	BM	W 207TH/W FORDHAM RD	HARLEM RIVER		WM	5	STATE	04/28/00	5.750	GOOD	29,682	\$42,742,080
2241489	B	W 225TH ST	CONRAIL PUTNAM	C	O	2	STATE	06/01/00	5.462	GOOD	10,900	\$15,696,000
2241490	B	W 230TH ST	CONRAIL PUTNAM	C	O	1	STATE	04/23/99	5.844	GOOD	5,600	\$8,064,000
2241509	B	W 231ST ST	CONRAIL PUTNAM	C	O	1	STATE	10/06/00	5.764	GOOD	4,723	\$6,801,120
2241510	B	W 233RD ST	CONRAIL PUTNAM	C	O	1	STATE	04/26/99	5.392	GOOD	3,760	\$5,414,400
2241520	B	W 234TH ST	CONRAIL PUTNAM	C	O	1	STATE	06/18/99	5.490	GOOD	3,770	\$5,428,800
226672A	M	W 31ST ST	AMTRAK LAYUP TRACKS	A	O	9	STATE	08/28/00	3.524	FAIR	8,800	\$12,672,000
224501B	M	W 33RD ST	AMTRAK 30 ST BRANCH	A	O	8	STATE	04/10/00	4.347	FAIR	16,500	\$23,760,000
224501C	M	W 33RD ST	LAND ADJ TO AMTRAK	A	O	2	STATE	06/30/99	4.486	FAIR	4,620	\$6,652,800
224501D	M	W 34TH ST	AMTRAK 30 ST BRANCH	A	O	4	STATE	07/21/99	4.319	FAIR	11,800	\$16,992,000
224501E	M	W 35TH ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	04/21/00	4.388	FAIR	6,500	\$9,360,000
224501F	M	W 36TH ST	AMTRAK 30 ST BRANCH	A	O	7	STATE	08/28/00	4.119	FAIR	16,400	\$23,616,000
2245060	M	W 37TH ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	08/24/00	3.961	FAIR	7,600	\$10,944,000
2245070	M	W 38TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	05/24/00	3.730	FAIR	6,200	\$8,928,000
2245080	M	W 39TH ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	06/02/00	4.365	FAIR	6,300	\$9,072,000
2245440	M	W 40TH ST	AMTRAK 30 ST BRANCH	A	O	4	STATE	05/24/00	4.073	FAIR	9,400	\$13,536,000

**INVENTORY SORTED BY FEATURE CARRIED**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2245330	M	W 41ST ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	04/21/00	4.444	FAIR	6,200	\$8,928,000
2245210	M	W 42ND ST	AMTRAK 30 ST BRANCH	A	O	4	STATE	11/20/00	4.429	FAIR	10,300	\$14,832,000
2245090	M	W 43RD ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/14/00	4.764	FAIR	4,100	\$5,904,000
2245100	M	W 44TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/15/00	4.661	FAIR	4,300	\$6,192,000
2245110	M	W 45TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/16/00	4.632	FAIR	4,100	\$5,904,000
2245120	M	W 46TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/25/00	4.676	FAIR	4,100	\$5,904,000
2245130	M	W 47TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/21/00	4.720	FAIR	4,100	\$5,904,000
2245140	M	W 48TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/22/00	4.735	FAIR	4,100	\$5,904,000
2245150	M	W 49TH ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	03/24/00	4.573	FAIR	4,100	\$5,904,000
2245340	M	W 50TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/27/00	4.647	FAIR	4,100	\$5,904,000
2245160	M	W 51ST ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/04/00	4.764	FAIR	4,300	\$6,192,000
2245170	M	W 52ND ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/26/00	5.073	GOOD	4,300	\$6,192,000
2245180	M	W 53RD ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/04/00	5.338	GOOD	5,100	\$7,344,000
2245350	M	W 54TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/05/00	5.412	GOOD	4,700	\$6,768,000
2245360	M	W 55TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/06/00	5.352	GOOD	4,300	\$6,192,000
2245370	M	W 56TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/07/00	5.367	GOOD	4,400	\$6,336,000
2245220	M	W 57TH ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	04/14/00	4.867	FAIR	9,100	\$13,104,000
2245190	M	W 58TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/07/00	4.705	FAIR	4,100	\$5,904,000
2245420	M	W 65TH ST E.B.	BRIDLE PATH W END			1	STATE	04/10/00	5.318	GOOD	1,600	\$2,304,000
2229290	M	W 79 ST	AMTRAK	A	A	1	STATE	10/17/00	4.559	FAIR	4,500	\$6,480,000
2231860	Q	W ALLEY ROAD	BCIP		A	2	STATE	06/06/00	5.636	GOOD	7,200	\$10,368,000
2244020	K	W DR OV WK-MA.ENT	MEADOWPORT ARCH		O	1	STATE	06/30/99	5.571	GOOD	2,500	\$3,600,000
2241470	B	W FORDHAM RD	METRO NORTH RR HUD	M	O	5	STATE	11/11/99	6.764	VGGOOD	16,052	\$23,114,880
2241460	B	W TREMONT AVE	METRO NORTH RR HUD	M	O	8	STATE	03/28/00	5.029	GOOD	12,900	\$18,576,000
2269260	K	W. 8TH STREET	SURF AVE.		O-PED	55	CITY	06/12/00	4.111	FAIR	14,742	\$21,228,480
2269210	M	W.68TH STREET	AMTRAK		O	3	STATE		7.000	VGGOOD*	5,349	\$7,702,560
2269190	M	W.70TH STREET	AMTRAK		O	3	STATE		7.000	VGGOOD*	17,433	\$25,103,520
2241070	B	WALEY AVE	CONRAIL PT MORRIS	C	O	1	STATE	09/13/00	6.566	VGGOOD	2,300	\$3,312,000
2241410	B	WALTON AVE	METRO NORTH RR HUD	M	O	1	STATE	03/15/00	4.234	FAIR	3,600	\$5,184,000
2240620	M	WARDS ISLAND PED BRDG	HARLEM RIVER		WM-PED	10	CITY	10/08/00	4.049	FAIR	12,600	\$18,144,000
2243250	K	WASHINGTON AVE	FRANKLIN SHUTTLE	T	O	1	STATE	03/15/00	6.328	VGGOOD	6,500	\$9,360,000
2066919	BM	WASHINGTON BRIDGE	HARLEM RIVER		W	9	STATE	12/22/98	4.881	FAIR	128,339	\$184,808,160
2246000	M	WEST DRIVE	PED BET 61ST & 62ST		O	1	STATE	04/13/00	5.000	GOOD	2,500	\$3,600,000
2246080	M	WEST DRIVE	BRIDLE PATH @ 64TH ST		O	1	STATE	04/10/00	5.166	GOOD	2,000	\$2,880,000
2246120	M	WEST DRIVE	TRANSVERSE RD #1		O	1	STATE	04/20/00	5.000	GOOD	7,900	\$11,376,000
2246240	M	WEST DRIVE	TRANSVERSE RD #2		O	1	STATE	04/19/00	4.166	FAIR	7,200	\$10,368,000
2246260	M	WEST DRIVE	TRANSVERSE RD #3		O	1	STATE	01/28/00	4.800	FAIR	5,100	\$7,344,000
2246280	M	WEST DRIVE	TRANSVERSE RD #4		O	1	STATE	01/26/00	4.166	FAIR	4,700	\$6,768,000
2246330	M	WEST DRIVE	FEEDER TO LAKE		WO	1	STATE	02/29/00	5.000	GOOD	6,700	\$9,648,000
2246360	M	WEST DRIVE	PED WALK OPP 82 ST		O	1	STATE	03/02/00	6.045	VGGOOD	3,100	\$4,464,000
2246430	M	WEST DRIVE	PED OPP 109TH ST		O	1	STATE	04/07/00	4.266	FAIR	1,200	\$1,728,000
2267380	M	WEST STREET	RECTOR ST		AT	1	STATE	11/23/99	4.667	FAIR	4,320	\$6,220,800
2075837	B	WESTCHESTER AVE	HUTCHINSON RVR PKWY		A	2	STATE	03/23/00	4.319	FAIR	15,858	\$22,835,520
2240180	B	WESTCHESTER AVE	BRONX RIVER		W	1	STATE	08/24/99	5.203	GOOD	5,476	\$7,885,440
2241000	B	WESTCHESTER AVE	CONRAIL PT MORRIS	C	O	1	STATE	09/05/00	5.170	GOOD	1,740	\$2,505,600
2241230	B	WESTCHESTER AVE	AMTRAK	A	O	5	STATE	06/02/00	6.250	VGGOOD	15,600	\$22,464,000
2241329	B	WHITE PLAINS ROAD	AMTRAK	A	O	1	STATE	06/24/00	5.046	GOOD	6,900	\$9,936,000
2248020	Q	WHITELAW PED BRDG	CONDUIT AVE		O-PED	7	CITY	09/06/00	4.887	FAIR	5,500	\$7,920,000
1065210	Q	WHITESTONE EXP NB	BCIP (2065210)		A	1	STATE	05/01/00	4.682	FAIR	2,500	\$3,600,000
2241369	B	WILLIAMSBRIDGE RD	AMTRAK	A	O	2	STATE	06/20/00	4.776	FAIR	10,400	\$14,976,000
2240039	KM	WILLIAMSBRIDGE BRIDGE	EAST RIVER	T	WE	72	STATE	12/06/00	2.681	POOR	741,000	\$1,067,040,000
2240059	BM	WILLIS AVENUE	HARLEM RIVER		WM	26	STATE	06/16/00	3.222	FAIR	94,700	\$136,368,000
2266139	Q	WINCHESTER BLVD N.B.	BCIP		A	1	STATE	03/22/00	4.795	FAIR	6,400	\$9,216,000
2266129	Q	WINCHESTER BLVD S.B.	BCIP		A	1	STATE	03/21/00	4.659	FAIR	4,400	\$6,336,000
2244421	K	WLLMSBRG BRDG NTH APP	DRIGGS AVE		O	1	STATE	02/16/00	4.293	FAIR	3,170	\$4,564,800
2244422	K	WLLMSBRG BRDG STH APP	DRIGGS AVE		O	1	STATE	02/13/96	4.068	FAIR	3,170	\$4,564,800
2248019	Q	WOODHAVEN BLVD	ATLANTIC AVE		O	3	STATE	06/29/00	4.472	FAIR	19,400	\$27,936,000
2248159	Q	WOODHAVEN BLVD	QUEENS BLVD		O	2	STATE	03/24/00	4.307	FAIR	11,500	\$16,560,000
2241850	B	WOODLAWN ROAD	METRO NORTH RR HAR	M	O	1	STATE	03/08/00	4.483	FAIR	5,450	\$7,848,000
2230540	Q	WOODSIDE AVE	278I (B.Q.E.)		A	1	STATE	01/03/00	5.140	GOOD	7,500	\$10,800,000
2247120	Q	WOODSIDE AVE	LIRR MAIN LINE	L	O	3	STATE	10/04/99	4.302	FAIR	14,900	\$21,456,000
2247400	Q	WOODSIDE AVE	CONRAIL	C	O	1	STATE	03/29/99	5.067	GOOD	8,200	\$11,808,000
2242200	B	YANKEE STDM PED BRDG	E 153 ST, METRO NORTH	M	O-PED	5	CITY	07/31/00	5.000	GOOD	4,200	\$6,048,000
<b>759 BRIDGES</b>						<b>4630</b>	<b>SPANS</b>					<b>\$20,923,432,320</b>

**INVENTORY SORTED BY BOROUGH**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
206672A	B	174TH ST-NTH PED BRDG	895I - SHERIDAN EXPWY		A-PED	4	CITY	12/07/99	4.960	FAIR	1,800	\$2,592,000
206672B	B	174TH ST-STH PED BRDG	895I - SHERIDAN EXPWY		A-PED	4	CITY	12/07/99	5.069	GOOD	1,900	\$2,736,000
2241259	B	204TH ST PED BRDG	METRO NORTH RR HAR	M	O-PED	1	CITY	08/01/00	3.950	FAIR	4,700	\$6,768,000
2229450	B	232ND ST	HHP		A	2	STATE	09/22/99	4.447	FAIR	4,900	\$7,056,000
2229460	B	236TH ST PED BRDG	HHP		A-PED	3	CITY	07/18/00	4.047	FAIR	2,500	\$3,600,000
2229470	B	239TH ST	HHP		A	2	STATE	07/06/99	4.289	FAIR	6,100	\$8,784,000
2229490	B	246TH ST	HHP		A	2	STATE	08/24/99	4.657	FAIR	5,600	\$8,064,000
2229500	B	252ND ST	HHP		A	2	STATE	01/14/00	4.342	FAIR	4,500	\$6,480,000
2241180	B	BARRETTO ST	AMTRAK	A	O	1	STATE	05/26/00	6.281	VGOOD	5,313	\$7,650,720
2076109	B	BE NB SERVICE RD	HUTCHINSON RVR PKWY		A	2	STATE	09/29/99	4.736	FAIR	7,800	\$11,232,000
2076129	B	BE SB SERVICE RD	HUTCHINSON RVR PKWY		A	2	STATE	02/09/00	5.000	GOOD	7,100	\$10,224,000
2241840	B	BEDFORD PARK BLVD	METRO NORTH RR HAR	M	O	1	STATE	03/07/00	4.616	FAIR	6,400	\$9,216,000
2241930	B	BEDFORD PARK BLVD	NYCTA IND YARDS	T	O	17	STATE	08/31/00	6.500	VGOOD	46,300	\$66,672,000
2229579	B	BOSTON POST ROAD	HUTCHINSON RIVER		W	14	STATE	07/24/99	4.611	FAIR	95,700	\$137,808,000
2242110	B	BOSTON ROAD	BRONX RIVER		WO	1	STATE	04/07/00	4.273	FAIR	6,200	\$8,928,000
2242100	B	BOTANICAL GARDEN ROAD	TWIN LAKES		O-PED	1	STATE	04/12/00	4.966	FAIR	2,200	\$3,168,000
2242072	B	BRONX BLVD N.B.	BRONX RIVER		WO	1	STATE	05/17/00	4.766	FAIR	1,800	\$2,592,000
2242082	B	BRONX BLVD N.B.	BRONX RIVER		WO	1	STATE	05/16/00	4.466	FAIR	2,800	\$4,032,000
2242071	B	BRONX BLVD S.B.	BRONX RIVER		WO	1	STATE	04/13/00	4.700	FAIR	1,800	\$2,592,000
2242081	B	BRONX BLVD S.B.	BRONX RIVER		WO	1	STATE	05/16/00	4.466	FAIR	2,800	\$4,032,000
2075849	B	BRONX PELHAM PKWY	HUTCHINSON RVR PKWY		A	2	STATE	06/30/00	4.184	FAIR	17,600	\$25,344,000
2229560	B	BRONX PELHAM PKWY	AMTRAK,METRO NORTH	MA	A	3	STATE	07/06/00	4.861	FAIR	24,591	\$35,411,040
2242010	B	BRONX PELHAM PKWY	BRONX RIVER		O	1	STATE	07/05/00	4.931	FAIR	9,200	\$13,248,000
2065629	B	BRONX RVR PKWY	BOSTON RD BX ZOO		A	1	STATE	09/24/99	5.275	GOOD	6,300	\$9,072,000
2241099	B	BRUCKNER BLVD	CONRAIL PT MORRIS	C	O	1	STATE	10/27/98	3.769	FAIR	6,700	\$9,648,000
2266540	B	BRUCKNER BLVD OVRPAS	133RD - 135TH ST		A	2	STATE	06/16/99	4.548	FAIR	32,900	\$47,376,000
1066510	B	BRUCKNER EXP.(2066510)	WESTCHESTER CREEK		WM	17	STATE	07/11/00	3.835	FAIR	39,400	\$56,736,000
2076929	B	BRUCKNER EXPWY	AMTRAK	A	A	1	STATE	07/13/99	4.733	FAIR	3,800	\$5,472,000
2066672	B	BRUCKNER EXPWY NB	BRONX RIVER		WM	8	STATE	07/29/99	4.612	FAIR	22,300	\$32,112,000
2075352	B	BRUCKNER EXPWY NB	AMTRAK	A	A	1	STATE	11/20/00	4.000	FAIR	10,900	\$15,696,000
2066671	B	BRUCKNER EXPWY SB	BRONX RIVER		WM	3	STATE	07/27/99	5.139	GOOD	12,400	\$17,856,000
2075351	B	BRUCKNER EXPWY SB	AMTRAK	A	A	1	STATE	07/14/00	3.718	FAIR	11,600	\$16,704,000
2241210	B	BRYANT AVE	AMTRAK	A	O	1	STATE	11/21/00	3.085	FAIR	5,300	\$7,632,000
2240210	B	CITY ISLAND ROAD	EASTCHESTER BAY		W	7	STATE	07/20/99	3.416	FAIR	28,900	\$41,616,000
2241710	B	CLAREMONT PKWY	METRO NORTH RR HAR	M	O	1	STATE	02/23/00	4.421	FAIR	6,300	\$9,072,000
2241590	B	CONCOURSE VILL AVE	METRO NORTH RR HAR	M	O	1	STATE	03/02/00	3.906	FAIR	17,800	\$25,632,000
2242030	B	CROTONA AVE	BRONX PELHAM PKWY		O	2	STATE	02/07/00	5.184	GOOD	7,600	\$10,944,000
2076640	B	DEPOT PLACE	CONRAIL HUDSON DIV	C	O	11	STATE	12/10/98	5.736	GOOD	30,192	\$43,476,480
2241550	B	E 144TH ST	METRO NORTH RR HAR	M	O	2	STATE	10/07/99	6.819	VGOOD	8,290	\$11,937,600
2241129	B	E 149TH ST	AMTRAK	A	O	2	STATE	05/22/00	4.774	FAIR	12,575	\$18,108,000
2241560	B	E 149TH ST	METRO NORTH RR HAR	M	O	8	STATE	03/10/00	4.736	FAIR	27,900	\$40,176,000
2241050	B	E 149TH ST/JACKSON AVE	CONRAIL PT MORRIS	C	O	1	STATE	09/12/00	5.250	GOOD	65,000	\$93,600,000
2241010	B	E 156TH STREET	CONRAIL PT MORRIS	C	O	1	STATE	09/06/00	4.555	FAIR	2,400	\$3,456,000
2241600	B	E 158TH ST	METRO NORTH RR HAR	M	O	1	STATE	10/06/99	5.300	GOOD	3,400	\$4,896,000
2241610	B	E 161ST ST	METRO NORTH RR HAR	M	O	1	STATE	10/05/99	5.469	GOOD	6,600	\$9,504,000
2241020	B	E 161ST STREET	CONRAIL PT MORRIS	C	O	1	STATE	05/08/00	3.454	FAIR	12,800	\$18,432,000
2241620	B	E 162ND ST	METRO NORTH RR HAR	M	O	1	STATE	03/01/00	4.983	FAIR	4,700	\$6,768,000
2241030	B	E 163RD STREET	CONRAIL PT MORRIS	C	O	1	STATE	10/15/98	4.426	FAIR	3,200	\$4,608,000
2241630	B	E 165TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/29/00	4.500	FAIR	16,400	\$23,616,000
2241650	B	E 167TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/28/00	5.862	GOOD	3,363	\$4,842,720
2241660	B	E 168TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/25/00	4.921	FAIR	7,700	\$11,088,000
2241670	B	E 169TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/24/00	4.734	FAIR	3,300	\$4,752,000
2241680	B	E 170TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/24/00	6.450	VGOOD	3,150	\$4,536,000
2241240	B	E 172 ST-BX RIV AVE	AMTRAK	A	O-PED	1	CITY	04/29/99	1.000	POOR*	5,400	\$7,776,000
2241720	B	E 173RD ST	METRO NORTH RR HAR	M	O	1	STATE	02/22/00	4.650	FAIR	3,000	\$4,320,000
2066720	B	E 174TH ST	SHERIDAN EXPWY/AMTRAK	A	A	13	STATE	06/15/00	4.486	FAIR	47,430	\$68,299,200
2241740	B	E 175TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/21/00	4.031	FAIR	3,600	\$5,184,000
2241269	B	E 177TH ST	AMTRAK	A	O	3	STATE	06/15/00	5.430	GOOD	16,606	\$23,912,640
2241770	B	E 178TH ST PED BRDG	METRO NORTH RR HAR	M	O-PED	5	CITY	08/04/00	3.980	FAIR	700	\$1,008,000
2241780	B	E 179TH ST PED BRDG	METRO NORTH RR HAR	M	O-PED	6	CITY	08/02/00	6.774	VGOOD	700	\$1,008,000
2241790	B	E 180TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/17/00	4.109	FAIR	5,000	\$7,200,000
2242400	B	E 180TH ST	BRONX RIVER		WO	1	STATE	07/03/00	4.809	FAIR	4,500	\$6,480,000
2241800	B	E 183TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/16/00	4.328	FAIR	3,600	\$5,184,000
2241820	B	E 187TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/15/00	4.843	FAIR	3,800	\$5,472,000
2241810	B	E 188TH ST	METRO NORTH RR HAR	M	O	1	STATE	02/14/00	4.312	FAIR	5,300	\$7,632,000
2241839	B	E 189TH ST	METRO NORTH RR HAR	M	O	1	STATE	10/04/99	6.533	VGOOD	43,157	\$62,146,080
2241870	B	E 233RD ST	METRO NORTH RR HAR	M	O	1	STATE	03/16/00	5.156	GOOD	7,664	\$11,036,160
2242459	B	E 233RD ST	BRONX RIVER		WO	1	STATE	05/18/00	4.433	FAIR	7,000	\$10,080,000
2242460	B	E 233RD ST	ENTR RD BNX RVR PKWY		O	1	STATE	01/26/00	5.600	GOOD	5,300	\$7,632,000

**INVENTORY SORTED BY BOROUGH**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2241890	B	E 241ST ST	BRP, METRO NORTH HAR	M	O	28	STATE	10/29/99	4.750	FAIR	49,500	\$71,280,000
2075820	B	E TREMONT AVE	HUTCHINSON RVR PKWY		A	2	STATE	09/02/99	4.263	FAIR	10,200	\$14,688,000
2241760	B	E TREMONT AVE	METRO NORTH RR HAR	M	O	1	STATE	03/07/00	3.656	FAIR	7,300	\$10,512,000
2242149	B	E TREMONT AVE	BRONX RIVER		WO	2	STATE	04/14/00	4.777	FAIR	12,900	\$18,576,000
2242260	B	EAGLE AVE	E 161ST ST		O	1	STATE	03/21/00	5.468	GOOD	2,800	\$4,032,000
2242350	B	EAST FORDHAM RD	GRAND CONCOURSE		O	1	STATE	02/21/00	4.566	FAIR	10,300	\$14,832,000
2241270	B	EAST TREMONT AVE	AMTRAK	A	O	2	STATE	06/16/00	5.791	GOOD	22,300	\$32,112,000
2241900	B	EASTCHESTER ROAD	NYCTA-DYRE AVE LN	T	O	3	STATE	02/18/00	5.138	GOOD	13,500	\$19,440,000
2241200	B	FAILE ST	AMTRAK	A	O	1	STATE	06/02/00	6.156	VGOOD	6,208	\$8,939,520
2229520	B	FIELDSTON ROAD	HHP		A	1	STATE	10/15/99	4.567	FAIR	6,600	\$9,504,000
2241420	B	GERARD AVE	METRO NORTH RR HUD	M	O	1	STATE	03/03/00	6.765	VGOOD	5,063	\$7,290,720
2241409	B	GRAND CONCOURSE	METRO NORTH RR HUD	TCM	O	1	STATE	05/24/00	3.625	FAIR	16,100	\$23,184,000
2242259	B	GRAND CONCOURSE	E 161ST ST		O	1	STATE	11/27/98	3.500	FAIR	24,100	\$34,704,000
2242280	B	GRAND CONCOURSE	E 167TH ST		O	2	STATE	07/25/00	4.719	FAIR	42,900	\$61,776,000
2242299	B	GRAND CONCOURSE	E 138TH ST		O	1	STATE	06/30/99	5.600	GOOD	9,500	\$13,680,000
2242300	B	GRAND CONCOURSE	E 170TH ST		O	2	STATE	05/12/00	4.754	FAIR	39,300	\$56,592,000
2242319	B	GRAND CONCOURSE	E 174TH ST	T	O	1	STATE	03/24/00	4.133	FAIR	14,900	\$21,456,000
2242329	B	GRAND CONCOURSE	E 175TH ST	T	O	1	STATE	09/12/00	4.466	FAIR	11,900	\$17,136,000
2242330	B	GRAND CONCOURSE	E TREMONT AVE		O	2	STATE	11/23/99	6.400	VGOOD	11,700	\$16,848,000
2242340	B	GRAND CONCOURSE	EAST KINGSBRIDGE		O	2	STATE	09/14/00	4.714	FAIR	16,500	\$23,760,000
2242360	B	GRAND CONCOURSE	BURNSIDE AVE		O	2	STATE	09/29/00	4.588	FAIR	8,400	\$12,096,000
2242370	B	GRAND CONCOURSE	BEDFORD PARK BLVD		O	1	STATE	05/09/00	4.823	FAIR	8,418	\$12,121,920
2242380	B	GRAND CONCOURSE	E 204TH ST		O	1	STATE	06/02/99	5.672	GOOD	9,272	\$13,351,680
2241860	B	GUN HILL RD	METRO NORTH RR HAR	M	O	2	STATE	03/09/00	4.279	FAIR	9,000	\$12,960,000
2241910	B	GUN HILL ROAD	NYCTA-DYRE AVE LN	T	O	2	STATE	10/25/99	2.897	POOR	6,300	\$9,072,000
2242430	B	GUN HILL ROAD	BRONX BLVD		O	4	STATE	07/12/00	5.052	GOOD	9,400	\$13,536,000
2242440	B	GUN HILL ROAD	BRONX RIVER		WO	1	STATE	03/09/00	5.300	GOOD	8,700	\$12,528,000
2229440	B	HHP	KAPPOCK ST		A	1	STATE	09/13/99	4.448	FAIR	3,900	\$5,616,000
2229530	B	HHP	BROADWAY		A	1	STATE	10/08/99	4.766	FAIR	7,500	\$10,800,000
2241190	B	HUNTS POINT AVE	AMTRAK	A	O	1	STATE	06/02/00	5.250	GOOD	13,700	\$19,728,000
2075859	B	HUTCHINSON RVR PKWY	HUTCHINSON RIVER		WM	7	STATE	10/23/98	5.594	GOOD	60,500	\$87,120,000
2241959	B	HUTCHINSON RVR PKWY	AMTRAK	A	O	1	STATE	06/26/00	6.237	VGOOD	15,444	\$22,239,360
2230287	B	JEROME AVE	MOSHOLU PARKWAY	T	A	3	STATE	10/13/99	4.105	FAIR	11,800	\$16,992,000
2241169	B	LAFAYETTE AVE	AMTRAK	A	O	1	STATE	05/25/00	5.825	GOOD	12,000	\$17,280,000
2241139	B	LEGGETT AVE	AMTRAK	A	O	3	STATE	06/21/00	4.690	FAIR	28,300	\$40,752,000
2241159	B	LONGWOOD AVE	AMTRAK	A	O	1	STATE	05/24/00	6.041	VGOOD	10,625	\$15,300,000
2229480	B	MANHATTAN COLL PKWY	HHP		A	3	STATE	06/23/99	4.184	FAIR	6,200	\$8,928,000
2269030	B	MATTHEWSON ROAD	McCRACKEN AVE		O	15	STATE	09/22/98	4.000	FAIR	14,880	\$21,427,200
2241110	B	MELROSE AVE	CONRAIL PT MORRIS	C	O	11	STATE	08/19/99	6.430	VGOOD	37,854	\$54,509,760
2230250	B	MOSHOLU PARKWAY	BRONX RIVER		A	5	STATE	01/04/00	4.263	FAIR	16,300	\$23,472,000
2230260	B	MOSHOLU PARKWAY	METRO NORTH	M	A	1	STATE	03/17/00	6.484	VGOOD	8,880	\$12,787,200
2230270	B	MOSHOLU PARKWAY	WEBSTER AVE		A	1	STATE	04/13/99	5.859	GOOD	8,480	\$12,211,200
2230290	B	MOSHOLU PARKWAY	EQUESTRIAN PATH		A	1	STATE	01/20/00	4.724	FAIR	4,300	\$6,192,000
2230300	B	MOSHOLU PARKWAY	CONRAIL (ABANDONED)	C	A	1	STATE	09/29/98	4.229	FAIR	5,200	\$7,488,000
2230310	B	MOSHOLU PARKWAY	SB RAMP TO HHP		A	2	STATE	09/14/99	5.243	GOOD	7,400	\$10,656,000
1067150	B	NEREID AVE (2241880)	BRONX RIVER PKWY	M	O	10	STATE	11/11/99	4.211	FAIR	57,750	\$83,160,000
2242099	B	PARK ROAD (204TH ST)	BRONX RIVER		O	1	STATE	03/07/00	4.172	FAIR	4,700	\$6,768,000
2241430	B	RIVER AVE	METRO NORTH RR HUD	M	O	1	STATE	10/14/99	6.422	VGOOD	5,040	\$7,257,600
2229510	B	RIVERDALE AVE	HHP		A	2	STATE	10/29/99	4.053	FAIR	5,200	\$7,488,000
2242210	B	S OF ALLERTON AVE	BRONX RIVER		WO	3	STATE	03/21/00	4.763	FAIR	6,200	\$8,928,000
2241390	B	SHORE RD CIRCLE	AMTRAK	A	O	2	STATE	11/22/00	3.000	POOR	4,800	\$6,912,000
2240200	B	SHORE ROAD	HUTCHINSON RIVER		WM	7	STATE	11/24/98	3.985	FAIR	4,800	\$120,000,000
2241080	B	SOUTHERN BLVD	CONRAIL PT MORRIS	C	O	1	STATE	09/14/00	4.185	FAIR	3,900	\$5,616,000
2242029	B	SOUTHERN BLVD	BRONX PELHAM PKWY		O	2	STATE	02/04/00	4.447	FAIR	12,900	\$18,576,000
2242220	B	SOUTHERN BLVD	BRONX RIVER		O	2	STATE	03/20/00	4.210	FAIR	4,800	\$6,912,000
2241700	B	ST PAULS PL PED BRDG	METRO NORTH RR HAR	M	O-PED	2	CITY	08/03/00	6.296	VGOOD	600	\$864,000
2241060	B	ST. MARYS & CONCORD	CONRAIL PT MORRIS	C	O	1	STATE	09/12/00	5.333	GOOD	4,500	\$6,480,000
2241040	B	THIRD AVE	CONRAIL PT MORRIS	C	O	1	STATE	09/08/00	4.625	FAIR	2,700	\$3,888,000
2241170	B	TIFFANY ST	AMTRAK	A	O	1	STATE	08/26/99	6.176	VGOOD	7,267	\$10,464,480
224005B	B	TO BRUCKNER BLVD	RELIEF		OR	5	STATE	09/22/99	4.152	FAIR	12,100	\$17,424,000
224006A	B	TO BRUCKNER BLVD	RELIEF		OR	11	STATE	04/27/00	3.338	FAIR	11,100	\$15,984,000
2241330	B	UNIONPORT ROAD	AMTRAK	A	O	1	STATE	06/24/00	4.906	FAIR	4,400	\$6,336,000
2229550	B	VAN CRTLDT EQUES	HHP		A-PED	2	CITY	08/16/00	4.825	FAIR	2,100	\$3,024,000
2229540	B	VAN CRTLDT PARK	HHP		A-PED	2	CITY	10/13/00	4.565	FAIR	3,900	\$5,616,000
2241940	B	W 205TH ST	NYCTA IND YARDS	T	O	7	STATE	10/04/99	6.389	VGOOD	37,800	\$54,432,000
2241489	B	W 225TH ST	CONRAIL PUTNAM	C	O	2	STATE	06/01/00	5.462	GOOD	10,900	\$15,696,000
2241490	B	W 230TH ST	CONRAIL PUTNAM	C	O	1	STATE	04/23/99	5.844	GOOD	5,600	\$8,064,000
2241509	B	W 231ST ST	CONRAIL PUTNAM	C	O	1	STATE	10/06/00	5.764	GOOD	4,723	\$6,801,120
2241510	B	W 233RD ST	CONRAIL PUTNAM	C	O	1	STATE	04/26/99	5.392	GOOD	3,760	\$5,414,400
2241520	B	W 234TH ST	CONRAIL PUTNAM	C	O	1	STATE	06/18/99	5.490	GOOD	3,770	\$5,428,800

**INVENTORY SORTED BY BOROUGH**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2241470	B	W FORDHAM RD	METRO NORTH RR HUD	M	O	5	STATE	11/11/99	6.764	VGOOD	16,052	\$23,114,880
2241460	B	W TREMONT AVE	METRO NORTH RR HUD	M	O	8	STATE	03/28/00	5.029	GOOD	12,900	\$18,576,000
2241070	B	WALES AVE	CONRAIL PT MORRIS	C	O	1	STATE	09/13/00	6.566	VGOOD	2,300	\$3,312,000
2241410	B	WALTON AVE	METRO NORTH RR HUD	M	O	1	STATE	03/15/00	4.234	FAIR	3,600	\$5,184,000
2075837	B	WESTCHESTER AVE	HUTCHINSON RVR PKWY		A	2	STATE	03/23/00	4.319	FAIR	15,858	\$22,835,520
2240180	B	WESTCHESTER AVE	BRONX RIVER		W	1	STATE	08/24/99	5.203	GOOD	5,476	\$7,885,440
2241000	B	WESTCHESTER AVE	CONRAIL PT MORRIS	C	O	1	STATE	09/05/00	5.170	GOOD	1,740	\$2,505,600
2241230	B	WESTCHESTER AVE	AMTRAK	A	O	5	STATE	06/02/00	6.250	VGOOD	15,600	\$22,464,000
2241329	B	WHITE PLAINS ROAD	AMTRAK	A	O	1	STATE	06/24/00	5.046	GOOD	6,900	\$9,936,000
2241369	B	WILLIAMSBRIDGE RD	AMTRAK	A	O	2	STATE	06/20/00	4.776	FAIR	10,400	\$14,976,000
2241850	B	WOODLAWN ROAD	METRO NORTH RR HAR	M	O	1	STATE	03/08/00	4.483	FAIR	5,450	\$7,848,000
2242200	B	YANKEE STDM PED BRDG	E 153 ST, METRO NORTH	M	O-PED	5	CITY	07/31/00	5.000	GOOD	4,200	\$6,048,000
2240089	BM	145TH ST BRIDGE	HARLEM RIVER		WM	8	STATE	05/30/00	3.347	FAIR	56,700	\$81,648,000
2240137	BM	BROADWAY BRIDGE	HARLEM RIVER	T	WM	3	STATE	10/08/99	3.861	FAIR	38,100	\$54,864,000
1240090	BM	MACOMBS DAM BRIDGE	HARLEM RIVER		WM	52	STATE	09/25/00	2.125	POOR	139,100	\$200,304,000
2240079	BM	MADISON AVE BRIDGE	HARLEM RIVER		WM	31	STATE	07/21/00	5.583	GOOD	80,000	\$115,200,000
2240138	BM	NYCTA IRT	HARLEM RVR/BROADWAY	T	WM	3	STATE	10/15/99	4.882	FAIR	38,100	\$54,864,000
2240069	BM	THIRD AVE BRIDGE	HARLEM RIVER		WM	32	STATE	10/05/00	3.027	FAIR	79,950	\$115,128,000
2240120	BM	W 207TH/W FORDHAM RD	HARLEM RIVER		WM	5	STATE	04/28/00	5.750	GOOD	29,682	\$42,742,080
2066919	BM	WASHINGTON BRIDGE	HARLEM RIVER		W	9	STATE	12/22/98	4.881	FAIR	128,339	\$184,808,160
2240059	BM	WILLIS AVENUE	HARLEM RIVER		WM	26	STATE	06/16/00	3.222	FAIR	94,700	\$136,368,000
2243630	K	11TH AVE	LIRR & SEA BEACH	LT	O	5	STATE	10/20/00	6.809	VGOOD	9,700	\$13,968,000
2243640	K	13TH AVE	LIRR & SEA BEACH	LT	O	5	STATE	10/27/99	4.500	FAIR	16,000	\$23,040,000
2243650	K	14TH AVE	LIRR BAY RIDGE LINE	N	O	4	STATE	11/10/00	4.286	FAIR	10,000	\$14,400,000
2243340	K	15TH AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	11/03/00	4.607	FAIR	3,614	\$5,204,160
2243670	K	15TH AVE	BMT SEA BEACH	T	O	6	STATE	05/10/00	3.772	FAIR	17,300	\$24,912,000
2243360	K	16TH AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	11/03/00	6.817	VGOOD	5,300	\$7,632,000
2243680	K	16TH AVE	BMT SEA BEACH	T	O	4	STATE	04/14/00	5.372	GOOD	6,816	\$9,815,040
2243370	K	17TH AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	02/29/00	5.313	GOOD	3,406	\$4,904,640
2243690	K	17TH AVE	BMT SEA BEACH	T	O	4	STATE	04/12/00	3.710	FAIR	8,500	\$12,240,000
2231300	K	17TH AVE PED BRDG	BSHP		A-PED	1	CITY	12/02/99	3.846	FAIR	2,100	\$3,024,000
2243380	K	18TH AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	02/29/00	5.421	GOOD	6,006	\$8,648,640
2243700	K	18TH AVE	BMT SEA BEACH	T	O	4	STATE	04/12/00	3.969	FAIR	8,700	\$12,528,000
2243710	K	19TH AVE	BMT SEA BEACH	T	O	4	STATE	04/07/00	4.026	FAIR	4,800	\$6,912,000
2243720	K	20TH AVE	BMT SEA BEACH	T	O	6	STATE	04/06/00	4.538	FAIR	12,500	\$18,000,000
2243820	K	21ST AVE	BMT SEA BEACH	T	O	4	STATE	04/04/00	3.710	FAIR	21,400	\$30,816,000
2230400	K	278I (B.Q.E.)	ATLANTIC AVE		A	1	STATE	10/04/00	5.880	GOOD	14,230	\$20,491,200
2230410	K	278I (B.Q.E.)	WASHINGTON ST		A	1	STATE	10/12/00	4.656	FAIR	2,500	\$3,600,000
2230420	K	278I (B.Q.E.)	WASHINGTON ST		A	1	STATE	10/12/00	4.906	FAIR	2,500	\$3,600,000
2230430	K	278I (B.Q.E.)	PROSPECT ST		A	1	STATE	01/06/00	5.266	GOOD	1,100	\$1,584,000
2230440	K	278I (B.Q.E.)	ADAMS ST N.B.		A	1	STATE	01/05/00	5.200	GOOD	2,700	\$3,888,000
2230450	K	278I (B.Q.E.)	ADAMS ST S.B.		A	1	STATE	01/05/00	4.933	FAIR	2,500	\$3,600,000
2230460	K	278I (B.Q.E.)	PEARL ST		A	1	STATE	01/04/00	5.333	GOOD	4,500	\$6,480,000
2230470	K	278I (B.Q.E.)	JAY ST		A	1	STATE	01/04/00	5.233	GOOD	5,100	\$7,344,000
2230480	K	278I (B.Q.E.)	PROSPECT ST		A	1	STATE	01/06/00	5.351	GOOD	8,400	\$12,096,000
2230490	K	278I (B.Q.E.)	SANDS ST		A	1	STATE	01/06/00	5.277	GOOD	12,600	\$18,144,000
2230500	K	278I (B.Q.E.)	RAMP TO BQE EB		A	1	STATE	01/06/00	5.566	GOOD	1,300	\$1,872,000
2230510	K	278I (B.Q.E.)	NASSAU ST		A	6	STATE	01/13/00	4.819	FAIR	51,200	\$73,728,000
2230857	K	278I (B.Q.E.)	JORALEMON ST		A	1	STATE	09/07/00	5.030	GOOD	2,100	\$3,024,000
2230858	K	278I (B.Q.E.)	JORALEMON ST / BQE WB		A	2	STATE	09/08/00	3.758	FAIR	5,900	\$8,496,000
2230888	K	278I E.B. (B.Q.E.)	CADMAN PLAZA / 278I WB		A	2	STATE	11/13/00	4.842	FAIR	4,500	\$6,480,000
2268498	K	278I E.B. (B.Q.E.)	278I W.B. (B.Q.E.)		A	69	STATE	09/14/99	3.828	FAIR	120,734	\$173,856,960
2268508	K	278I E.B. (B.Q.E.)	278I W.B. (B.Q.E.)		A	11	STATE	04/26/00	3.857	FAIR	17,956	\$25,856,640
2268518	K	278I E.B. (B.Q.E.)	278I W.B. (B.Q.E.)		A	5	STATE	08/19/99	4.381	FAIR	8,375	\$12,060,000
2230887	K	278I W.B. (B.Q.E.)	CADMAN PLAZA		A	2	STATE	10/18/00	4.338	FAIR	4,500	\$6,480,000
2268497	K	278I W.B. (B.Q.E.)	FURMAN ST		A	45	STATE	08/04/99	4.188	FAIR	78,022	\$112,351,680
2268507	K	278I W.B. (B.Q.E.)	YORK ST		A	6	STATE	07/07/99	4.438	FAIR	9,380	\$13,507,200
2268517	K	278I W.B. (B.Q.E.)	FURMAN ST		A	7	STATE	08/13/99	4.294	FAIR	10,988	\$15,822,720
2231330	K	27TH AVE PED BRDG	BSHP		A-PED	1	CITY	06/07/00	4.366	FAIR	2,100	\$3,024,000
2243310	K	2ND AVE	LIRR BAY RIDGE LINE	N	O	6	STATE	11/20/00	3.805	FAIR	17,000	\$24,480,000
2243320	K	3RD AVE	LIRR BAY RIDGE LINE	N	O	4	STATE	10/25/99	5.708	GOOD	17,230	\$24,811,200
2244160	K	3RD AVE	SHORE RD DRIVE		O	1	STATE	07/20/99	3.600	FAIR	7,100	\$10,224,000
2231270	K	4TH AVE	BSHP		A	2	STATE	01/24/00	4.842	FAIR	6,100	\$8,784,000
2243330	K	4TH AVE	LIRR BAY RIDGE LINE	NT	O	6	STATE	11/04/99	5.833	GOOD	19,400	\$27,936,000
2243839	K	4TH AVE	NYCTA BMT TRACKS	T	O	1	STATE	05/05/00	3.129	FAIR	4,100	\$5,904,000
2243400	K	50TH ST	LIRR BAY RIDGE LINE	N	O	2	STATE	10/07/99	4.737	FAIR	7,100	\$10,224,000
2243390	K	52ND ST	LIRR BAY RIDGE LINE	N	O	2	STATE	04/20/00	4.052	FAIR	2,800	\$4,032,000
2066100	K	5TH AVE	27 X PROSPECT EXPWY		A	1	STATE	01/27/00	5.250	GOOD	8,800	\$12,672,000
2243580	K	5TH AVE	LIRR & SEA BEACH	LT	O	4	STATE	05/03/00	4.472	FAIR	12,500	\$18,000,000
2244480	K	5TH AVE	GREENWOOD CEMETERY		O	1	STATE	07/21/99	4.733	FAIR	3,600	\$5,184,000

**INVENTORY SORTED BY BOROUGH**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2243350	K	60TH ST	LIRR BAY RIDGE LINE	N	O	1	STATE	10/06/99	6.867	VGOOD	3,900	\$5,616,000
2243730	K	65TH ST	BMT SEA BEACH	T	O	4	STATE	03/31/00	5.947	GOOD	12,000	\$17,280,000
2243280	K	6TH AVE	LIRR ATLANTIC AVE	L	O	9	STATE	10/06/00	4.902	FAIR	12,276	\$17,677,440
2243590	K	6TH AVE	LIRR & SEA BEACH	LT	O	5	STATE	05/02/00	3.583	FAIR	14,200	\$20,448,000
2243600	K	7TH AVE	LIRR & SEA BEACH	LT	O	7	STATE	05/01/00	5.402	GOOD	18,913	\$27,234,720
2243920	K	7TH AVE	NYCTA BMT YARD	T	O	2	STATE	05/11/00	3.916	FAIR	5,200	\$7,488,000
2231250	K	81ST ST PED BR	BSHP		A-PED	5	CITY	11/07/00	5.222	GOOD	3,100	\$4,464,000
2243570	K	86TH ST	LIRR & SEA BEACH	LT	O	6	STATE	03/24/00	6.250	VGOOD	18,200	\$26,208,000
2243610	K	8TH AVE	LIRR & SEA BEACH	LT	O	4	STATE	05/04/00	3.779	FAIR	11,400	\$16,416,000
2231260	K	92ND ST PED BR	BSHP		A-PED	6	CITY	05/09/00	4.161	FAIR	3,000	\$4,320,000
2243840	K	9TH AVE	NYCTA BMT YARD	T	O	5	STATE	10/29/99	6.778	VGOOD	12,440	\$17,913,600
2243940	K	9TH AVE	NYCTA IND SBWY	T	O	5	STATE	10/29/99	4.895	FAIR	11,900	\$17,136,000
2243569	K	ATLANTIC AVE	LIRR ATLANTIC AVE	L	O	75	STATE	11/20/00	3.535	FAIR	135,100	\$194,544,000
2244170	K	ATLNTC AV SVC RD E.B.	EAST NEW YORK AVE		O	2	STATE	06/16/99	4.544	FAIR	5,500	\$7,920,000
2244180	K	ATLNTC AV SVC RD W.B.	EAST NEW YORK AVE		O	2	STATE	06/14/99	4.491	FAIR	6,200	\$8,928,000
2243530	K	AVENUE H	LIRR BAY RIDGE LINE	N	O	2	STATE	10/13/99	6.882	VGOOD	35,100	\$50,544,000
2243750	K	AVENUE O	BMT SEA BEACH	T	O	4	STATE	10/04/99	6.471	VGOOD	4,658	\$6,707,520
2243760	K	AVENUE P	BMT SEA BEACH	T	O	4	STATE	10/08/99	6.894	VGOOD	6,000	\$8,640,000
2243790	K	AVENUE S	BMT SEA BEACH	T	O	4	STATE	10/18/99	6.538	VGOOD	4,800	\$6,912,000
2243800	K	AVENUE T	BMT SEA BEACH	T	O	4	STATE	11/02/99	6.441	VGOOD	8,500	\$12,240,000
2243810	K	AVENUE U	BMT SEA BEACH	T	O	4	STATE	03/27/00	6.725	VGOOD	8,500	\$12,240,000
2231370	K	B 8TH ST ACCESS RMP	BSHP		A	4	STATE	05/31/00	4.097	FAIR	12,800	\$18,432,000
2231290	K	BAY 8TH ST	BSHP		A	1	STATE	06/22/99	6.206	VGOOD	4,920	\$7,084,800
2243740	K	BAY PKWY	BMT SEA BEACH	T	O	4	STATE	03/30/00	4.500	FAIR	16,800	\$24,192,000
2243490	K	BEDFORD AVE	LIRR BAY RIDGE LINE	N	O	6	STATE	03/07/00	4.777	FAIR	12,000	\$17,280,000
2243100	K	BEVERLY ROAD	BMT SUBWAY, BRIGHTON	T	O	3	STATE	05/17/00	3.263	FAIR	2,700	\$3,888,000
2243900	K	BLAKE AVE	LIRR BAY RIDGE LINE	N	O	3	STATE	04/14/00	5.309	GOOD	4,900	\$7,056,000
2243520	K	BROOKLYN AVE	LIRR BAY RIDGE LINE	N	O	3	STATE	10/13/99	6.160	VGOOD	4,500	\$6,480,000
2267860	K	BROOKLYN BR APPROACH	SANDS STREET		O	1	STATE	11/21/00	4.660	FAIR	6,490	\$9,345,600
2268350	K	BROOKLYN PROMENADE	278I N.B. (B.Q.E.)		A-PED	35	CITY	08/04/00	3.857	FAIR	46,184	\$66,504,960
2231249	K	BSHP	BAY RIDGE AVE		A	1	STATE	11/27/00	3.567	FAIR	4,900	\$7,056,000
2231319	K	BSHP	BAY PKWY		A	1	STATE	10/25/00	4.345	FAIR	7,200	\$10,368,000
2231329	K	BSHP	26TH AVE		A	1	STATE	10/25/00	4.466	FAIR	6,700	\$9,648,000
2231360	K	BSHP	OCEAN PKWY		A	2	STATE	11/01/00	3.250	FAIR	11,800	\$16,992,000
2231409	K	BSHP	SHEEPSHEAD BAY ROAD		A	1	STATE	01/19/00	4.967	FAIR	6,500	\$9,360,000
2231419	K	BSHP	OCEAN AVE		A	3	STATE	01/19/00	4.430	FAIR	14,000	\$20,160,000
2231429	K	BSHP	BEDFORD AVE		A	3	STATE	08/04/00	4.388	FAIR	12,000	\$17,280,000
2231439	K	BSHP	NOSTRAND AVE		A	3	STATE	08/04/00	4.041	FAIR	13,000	\$18,720,000
2231450	K	BSHP	GERRITSEN INLET		WA	11	STATE	08/18/00	3.462	FAIR	46,400	\$66,816,000
2231479	K	BSHP	MILL BASIN		WM	14	STATE	11/16/00	3.239	FAIR	73,500	\$105,840,000
2231489	K	BSHP	PAERDEGAT BASIN		WA	15	STATE	11/16/00	3.407	FAIR	58,300	\$83,952,000
2231499	K	BSHP	ROCKAWAY PKWY		A	4	STATE	09/06/00	3.875	FAIR	11,500	\$16,560,000
2231509	K	BSHP	FRESH CREEK		WA	5	STATE	09/15/00	3.430	FAIR	23,000	\$33,120,000
2243290	K	CARLTON AVE	LIRR ATLANTIC AVE	L	O	7	STATE	03/02/00	4.986	FAIR	10,823	\$15,585,120
2240260	K	CARROLL ST	GOWANUS CANAL		WM	2	STATE	08/02/00	4.633	FAIR	3,000	\$5,000,000
2243220	K	CARROLL ST PED BRDG	FRANKLIN SHUTTLE	T	O-PED	3	CITY	07/07/00	5.484	GOOD	600	\$864,000
2243050	K	CATON AVE	BMT SUBWAY, BRIGHTON	T	O	4	STATE	05/18/00	3.815	FAIR	20,800	\$29,952,000
2244050	K	CENTRAL DRIVE	PED PATH & STREAM		O	3	STATE	07/02/99	5.409	GOOD	7,400	\$10,656,000
2243080	K	CHURCH AVE	BMT SUBWAY, BRIGHTON	T	O	4	STATE	08/18/99	3.758	FAIR	18,200	\$26,208,000
2244060	K	CLEFT RIDGE SPAN	PROSPECT PARK		O	1	CITY	04/05/99	4.500	FAIR	900	\$1,296,000
2230870	K	COLUMBIA HEIGHTS	278I (B.Q.E.)		A	1	STATE	11/27/00	4.583	FAIR	16,500	\$23,760,000
2244460	K	CONDUIT BLVD NB	ATLANTIC AVE EB		O	1	STATE	02/10/00	4.666	FAIR	3,800	\$5,472,000
2231380	K	CONEY ISLAND AVE	BSHP		A	4	STATE	02/17/00	3.555	FAIR	20,600	\$29,664,000
2243440	K	CONEY ISLAND AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	03/01/00	5.744	GOOD	3,231	\$4,652,640
2230390	K	CONGRESS ST	278I (B.Q.E.)		A	2	STATE	11/13/00	4.426	FAIR	5,000	\$7,200,000
2243110	K	CORTEYOU ROAD	BMT SUBWAY, BRIGHTON	T	O	3	STATE	05/12/00	3.661	FAIR	2,900	\$4,176,000
2243040	K	CROOKE AVE	BMT SUBWAY, BRIGHTON	T	O	4	STATE	08/26/99	4.105	FAIR	6,000	\$8,640,000
2231340	K	CROPSEY AVE	BSHP		A	2	STATE	10/24/00	4.944	FAIR	13,100	\$18,864,000
2240301	K	CROPSEY AVE	CONEY ISLAND CREEK		W	3	STATE	10/20/99	5.139	GOOD	9,400	\$13,536,000
2240302	K	CROPSEY AVE	CONEY ISLAND CREEK		W	3	STATE	10/26/00	5.084	GOOD	9,400	\$13,536,000
2243230	K	CROWN ST	FRANKLIN SHUTTLE	T	O	3	STATE	11/10/99	5.264	GOOD	4,800	\$6,912,000
2243130	K	DITMAS AVE	BMT SUBWAY, BRIGHTON	T	O	1	STATE	08/23/99	5.489	GOOD	4,100	\$5,904,000
2243120	K	DORCHESTER ROAD	BMT SUBWAY, BRIGHTON	T	O	1	STATE	03/08/00	6.156	VGOOD	4,825	\$6,948,000
2231390	K	E 12TH ST	BSHP		A	4	STATE	02/15/00	5.013	GOOD	17,200	\$24,768,000
2233080	K	E 14 ST PED BR	BSHP		A-PED	14	CITY	07/27/00	4.700	FAIR	4,700	\$6,768,000
2243450	K	E 14TH ST	LIRR BAY RIDGE LINE	N	O	1	STATE	03/01/00	5.595	GOOD	1,775	\$2,556,000
2243460	K	E 15TH ST - PED	LIRR BAY RIDGE LINE	N	O-PED	3	CITY	06/29/95	3.650	FAIR	900	\$1,296,000
2243420	K	E 3RD ST	LIRR BAY RIDGE LINE	N	O	1	STATE	10/19/99	4.959	FAIR	1,500	\$2,160,000
2244030	K	EAST DRIVE	BRIDLE PATH		O	1	STATE	07/07/99	5.184	GOOD	2,000	\$2,880,000
2244040	K	EAST DRIVE	EAST WOOD ARCH		O	1	CITY	04/13/99	4.367	FAIR	900	\$1,296,000

**INVENTORY SORTED BY BOROUGH**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2243279	K	EASTERN PKWY	FRANKLIN SHUTTLE	T	O	1	STATE	03/21/00	4.833	FAIR	7,700	\$11,088,000
2244010	K	EMDALE ARCH E DRV	NR GRAND ARMY PLZ		O	1	CITY	06/19/98	4.633	FAIR	900	\$1,296,000
2231460	K	FLATBUSH AVE	BSHP		A	2	STATE	07/28/00	3.694	FAIR	13,600	\$19,584,000
2243260	K	FLATBUSH AVE	FRANKLIN SHUTTLE	T	O	2	STATE	03/20/00	5.254	GOOD	11,300	\$16,272,000
2243510	K	FLATBUSH AVE	LIRR BAY RIDGE LINE	N	O	2	STATE	10/14/99	4.544	FAIR	5,700	\$8,208,000
2243620	K	FORT HAMILTON PKWY	LIRR & SEA BEACH	LT	O	3	STATE	05/23/00	5.627	GOOD	14,800	\$21,312,000
2243150	K	FOSTER AVE	BMT SUBWAY, BRIGHTON	T	O	1	STATE	03/09/00	4.383	FAIR	3,000	\$4,320,000
2243860	K	GLENMORE AVE	LIRR BAY RIDGE LINE	N	O	2	STATE	11/01/00	4.017	FAIR	5,700	\$8,208,000
2240231	K	HAMILTON AVE BRIDGE	GOWANUS CANAL		WM	3	STATE	08/16/00	4.083	FAIR	7,300	\$10,512,000
2240232	K	HAMILTON AVE BRIDGE	GOWANUS CANAL		WM	3	STATE	08/17/00	4.180	FAIR	7,300	\$10,512,000
2230000	K	HIGHLAND BLVD E.B.	JACKIE ROBINSON PKWY		A	1	STATE	02/09/00	4.933	FAIR	4,900	\$7,056,000
2230220	K	HIGHLAND BLVD NB	VERMONT AVE		A	1	STATE	07/27/99	6.328	VGOOD	3,995	\$5,752,800
2230010	K	HIGHLAND BLVD W.B.	JACKIE ROBINSON PKWY		A	1	STATE	02/09/00	5.266	GOOD	3,500	\$5,040,000
2230020	K	HIGHLAND BLVD W.B.	JACKIE ROBINSON PKWY		A	2	STATE	02/09/00	4.947	FAIR	4,700	\$6,768,000
2243780	K	HIGHLAWN AVE	BMT SEA BEACH	T	O	6	STATE	10/07/99	6.862	VGOOD	11,300	\$16,272,000
2244120	K	HILL DRIVE	PROSPECT PK LAKE		WO	3	STATE	03/15/00	3.600	FAIR	7,800	\$11,232,000
2230380	K	KANE ST	278I (B.Q.E.)		A	2	STATE	03/06/00	4.458	FAIR	5,000	\$7,200,000
2243770	K	KINGS HIGHWAY	BMT SEA BEACH	T	O	4	STATE	03/29/00	3.368	FAIR	12,000	\$17,280,000
2231449	K	KNAPP ST	BSHP		A	1	STATE	01/21/00	4.796	FAIR	9,500	\$13,680,000
2243850	K	LIBERTY AVE	LIRR BAY RIDGE LINE	N	O	4	STATE	10/07/99	4.324	FAIR	6,400	\$9,216,000
2243190	K	LINCOLN PLACE	FRANKLIN SHUTTLE	T	O	3	STATE	03/17/00	7.000	VGOOD	3,400	\$4,896,000
2243010	K	LINCOLN ROAD	BMT SUBWAY, BRIGHTON	T	O	4	STATE	05/22/00	4.161	FAIR	6,100	\$8,784,000
2243910	K	LIVONIA AVE PED BRDG	LIRR BAY RIDGE LINE	N	O-PED	3	CITY	05/24/94	5.375	GOOD	2,500	\$3,600,000
2243410	K	MCDONALD AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	04/13/00	5.421	GOOD	2,760	\$3,974,400
2240290	K	METROPOLITAN AVE	ENGLISH KILLS		WM	5	STATE	11/11/99	4.186	FAIR	15,245	\$21,952,800
2243240	K	MONTGOMERY ST	FRANKLIN SHUTTLE	T	O	1	STATE	11/08/99	6.627	VGOOD	2,200	\$3,168,000
2243660	K	NEW UTRECHT AVE	LIRR BAY RIDGE LINE	N	O	1	STATE	04/12/00	4.346	FAIR	2,400	\$3,456,000
2243140	K	NEWKIRK AVE	BMT SUBWAY, BRIGHTON	T	O	3	STATE	03/07/00	4.294	FAIR	4,100	\$5,904,000
2240240	K	NINTH ST BRIDGE	GOWANUS CANAL		WM	5	STATE	11/16/99	7.000	VGOOD	4,800	\$30,000,000
2243500	K	NOSTRAND AVE	LIRR BAY RIDGE LINE	N	O	2	STATE	03/03/00	5.322	GOOD	4,320	\$6,220,800
2243480	K	OCEAN AVE	LIRR BAY RIDGE LINE	N	O	2	STATE	10/30/00	4.859	FAIR	5,000	\$7,200,000
2240320	K	OCEAN AVE PED BRDG	SHEEPSHEAD BAY		W-PED	30	CITY	12/05/00	4.263	FAIR	4,000	\$5,760,000
2243439	K	OCEAN PKWY	LIRR BAY RIDGE LINE	N	O	1	STATE	10/30/00	4.833	FAIR	7,000	\$10,080,000
2243020	K	PARKSIDE AVE	BMT SUBWAY, BRIGHTON	T	O	6	STATE	03/16/00	3.684	FAIR	48,700	\$70,128,000
2231519	K	PENNSYLVANIA AVE	BSHP		A	2	STATE	07/16/99	6.292	VGOOD	6,191	\$8,915,040
2243870	K	PITKIN AVE	LIRR BAY RIDGE LINE	N	O	3	STATE	11/01/00	4.088	FAIR	5,600	\$8,064,000
2243210	K	PRESIDENT ST	FRANKLIN SHUTTLE	T	O	2	STATE	03/23/00	5.161	GOOD	2,500	\$3,600,000
2244150	K	RIDGE BLVD	SHORE RD DRIVE		O	1	STATE	07/14/99	4.600	FAIR	7,000	\$10,080,000
2230370	K	SACKETT ST	278I (B.Q.E.)		A	2	STATE	03/10/00	4.625	FAIR	5,000	\$7,200,000
2244470	K	SEELEY ST	PROSPECT AVE		O	1	STATE	07/22/99	3.867	FAIR	7,700	\$11,088,000
2244440	K	SOUTH OF TILLARY ST	NAVY ST		O-PED	1	CITY	03/16/00	4.333	FAIR	6,200	\$8,928,000
2243180	K	ST JOHNS PLACE	FRANKLIN SHUTTLE	T	O	1	STATE	11/03/99	6.797	VGOOD	2,200	\$3,168,000
2243170	K	STERLING PLACE	FRANKLIN SHUTTLE	T	O	1	STATE	11/04/99	6.594	VGOOD	2,300	\$3,312,000
2240540	K	STILLWELL AVE	CONY ISLAND CRK		W	2	STATE	09/09/99	6.181	VGOOD	17,000	\$24,480,000
2230350	K	SUMMIT ST PED BRDG	278I (B.Q.E.)		A-PED	2	STATE	10/03/00	4.714	FAIR	1,400	\$2,016,000
2243890	K	SUTTER AVE	LIRR BAY RIDGE LINE	N	O	3	STATE	10/12/99	4.382	FAIR	5,400	\$7,776,000
2240310	K	THIRD AVE	GOWANUS CANAL		W	1	STATE	09/03/99	4.273	FAIR	3,200	\$4,608,000
2240250	K	THIRD ST	GOWANUS CANAL		WM	5	STATE	09/03/99	4.903	FAIR	4,900	\$15,000,000
2230360	K	UNION ST	278I (B.Q.E.)		A	2	STATE	03/10/00	4.486	FAIR	5,000	\$7,200,000
2240270	K	UNION ST	GOWANUS CANAL		WM	5	STATE	08/07/00	4.152	FAIR	4,900	\$15,000,000
2243200	K	UNION ST	FRANKLIN SHUTTLE	T	O	2	STATE	03/22/00	5.047	GOOD	4,100	\$5,904,000
2244020	K	W DR OV WK-MA.ENT	MEADOWPORT ARCH		O	1	STATE	06/30/99	5.571	GOOD	2,500	\$3,600,000
2269260	K	W. 8TH STREET	SURF AVE.		O-PED	55	CITY	06/12/00	4.111	FAIR	14,742	\$21,228,480
2243250	K	WASHINGTON AVE	FRANKLIN SHUTTLE	T	O	1	STATE	03/15/00	6.328	VGOOD	6,500	\$9,360,000
2244421	K	WLLMSBRG BRDG NTH APP	DRIGGS AVE		O	1	STATE	02/16/00	4.293	FAIR	3,170	\$4,564,800
2244422	K	WLLMSBRG BRDG STH APP	DRIGGS AVE		O	1	STATE	02/13/96	4.068	FAIR	3,170	\$4,564,800
2240019	KM	BROOKLYN BRIDGE	278I (B.Q.E.)		WE	75	STATE	11/30/00	2.931	POOR	503,788	\$725,454,720
2240027	KM	MANHATTAN BRIDGE(LL)	EAST RIVER	T	WE	23	STATE	11/17/00	3.472	FAIR	616,390	\$887,601,600
2240028	KM	MANHATTAN BRIDGE(UL)	NYCTA TRACKS-BMT	T	WE	43	STATE	10/16/00	3.500	FAIR	587,424	\$845,890,560
2240039	KM	WILLIAMSBURG BRIDGE	EAST RIVER	T	WE	72	STATE	12/06/00	2.681	POOR	741,000	\$1,067,040,000
2240390	KQ	GRAND ST BRIDGE	NEWTOWN CREEK		WM	2	STATE	11/21/00	4.458	FAIR	5,100	\$25,000,000
2240370	KQ	GREENPOINT AVE BRIDGE	NEWTOWN CREEK	L	WM	12	STATE	11/10/99	5.555	GOOD	76,106	\$109,592,640
2240639	KQ	PULASKI BRIDGE	NEWTOWN CREEK		WM	48	STATE	03/14/00	4.943	FAIR	205,770	\$296,308,800
2245209	M	11TH AVE	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/27/00	4.529	FAIR	15,400	\$22,176,000
2245010	M	11TH AVE VIADUCT	LIRR WEST SIDE YARD	AL	O	39	STATE	11/21/00	3.750	FAIR	157,500	\$226,800,000
2246990	M	129 - 130 ST PED BRDG	RAMP OFF 3RD AVE		O-PED	5	CITY	09/06/00	4.095	FAIR	500	\$720,000
2232070	M	25TH ST PED BRDG	FDR DRIVE		A-PED	4	CITY	08/15/99	4.418	FAIR	1,700	\$2,448,000
224004J	M	25X	NYC GARAGE		OE	14	STATE	10/31/00	4.894	FAIR	22,058	\$31,763,520
2246150	M	72ND ST CROSS DR	NEAR CONCERT GRNDS		O	3	STATE	03/02/00	4.941	FAIR	7,300	\$10,512,000

**INVENTORY SORTED BY BOROUGH**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2246140	M	72ND ST ENT TO W DR	BRIDLE PATH		O	1	STATE	02/21/00	5.066	GOOD	3,600	\$5,184,000
2246460	M	77 ST ENTR TO W DR	PED PATH OPP 77TH ST		O	2	STATE	03/01/00	4.789	FAIR	5,800	\$8,352,000
2246450	M	79 ST ENTR TO E DR	PED PATH OPP 77TH ST		O	1	STATE	02/23/00	5.190	GOOD	5,000	\$7,200,000
2267717	M	79 ST PED PLAZA	79 ST BT BASIN GAR		A	10	STATE	09/21/99	4.444	FAIR	27,400	\$39,456,000
226771B	M	79 ST RAMP TO GAR	79 ST BT BASIN GAR		AR	21	STATE	12/09/99	4.088	FAIR	7,114	\$10,244,160
226771A	M	79 ST RAMP TO HHP	79 ST BT BASIN GAR		AR	4	STATE	07/12/99	4.113	FAIR	3,131	\$4,508,640
2267718	M	79 ST TRAFFIC CIRC	79 ST PED PLAZA		A	34	STATE	10/22/99	3.770	FAIR	24,130	\$34,747,200
2246490	M	A.C. POWELL BLVD N.B.	A.C. POWELL BLVD		O	1	STATE	04/21/00	4.061	FAIR	5,600	\$8,064,000
2232000	M	BATTERY PLACE	FDR DRIVE		AT	2	CITY	06/23/99	4.071	FAIR	75,000	\$108,000,000
2232168	M	BREARLY SCHOOL	FDR DR PROMENADE		A	7	STATE	05/16/97	4.649	FAIR	3,700	\$5,328,000
2246050	M	CENTRAL DRIVE	PED OPP 63RD ST		O	1	STATE	04/14/00	5.000	GOOD	2,000	\$2,880,000
2246130	M	CENTRAL PARK	UNDER EAST DRIVE		O	1	CITY	07/14/98	4.233	FAIR	1,200	\$1,728,000
2268480	M	CHAMBERS ST PED BRDG	WEST SIDE HWY		O-PED	8	CITY	06/05/00	6.623	VGOOD	3,344	\$4,815,360
2246350	M	CNTRL PK OVER E DRIVE	S OF CLEOPATRAS NDL		O	1	CITY	11/24/98	4.800	FAIR	750	\$1,080,000
2246100	M	CONTRAL DRIVE	TRANSVERSE RD #1		O	1	STATE	04/20/00	4.333	FAIR	6,000	\$8,640,000
2246510	M	CORBIN PL OVERPASS	CORBIN PLACE		O	1	STATE	03/16/00	4.933	FAIR	2,200	\$3,168,000
2232029	M	CORLEARS PARK ROAD	FDR DRIVE		A	4	STATE	03/23/00	4.272	FAIR	4,100	\$5,904,000
2246070	M	CPK UNDER CENTR DR	OPP 65TH ST-IN E&W		O	1	CITY	06/08/99	5.733	GOOD	1,200	\$1,728,000
2232030	M	DELANCEY ST PED BRDG	FDR DRIVE		A-PED	9	CITY	07/09/00	4.406	FAIR	2,900	\$4,176,000
2232180	M	E 103RD ST PED BRDG	FDR DRIVE		A-PED	20	CITY	10/08/00	4.692	FAIR	6,000	\$8,640,000
2233020	M	E 10TH ST PED BRDG	FDR DRIVE		A-PED	22	CITY	04/12/00	3.809	FAIR	1,632	\$2,350,080
2232190	M	E 111TH ST PED BRDG	FDR DRIVE		A-PED	14	CITY	10/15/00	3.800	FAIR	2,600	\$3,744,000
2232200	M	E 120TH ST PED BRDG	FDR DRIVE		A-PED	23	CITY	04/12/00	4.250	FAIR	2,500	\$3,600,000
2246540	M	E 34TH ST	PARK AVE TUNNEL		OT	1	STATE	09/09/00	4.266	FAIR	36,200	\$52,128,000
2266630	M	E 48TH ST RAMP	FDR DRIVE S.B.		A	14	STATE	12/14/98	7.000	VGOOD	18,728	\$26,968,320
2232100	M	E 51ST ST PED BRDG	FDR DRIVE		A-PED	10	CITY	10/22/00	4.156	FAIR	2,800	\$4,032,000
2233040	M	E 60TH ST	FDR DRIVE		A	17	STATE	06/27/00	3.318	FAIR	24,480	\$35,251,200
2232110	M	E 64TH ST PED BRDG	FDR DRIVE		A-PED	13	CITY	12/15/99	5.297	GOOD	2,100	\$3,024,000
2245380	M	E 66TH ST	PED WALK N. OF ZOO		O	1	STATE	04/10/00	5.000	GOOD	1,500	\$2,160,000
2232050	M	E 6TH ST PED BRDG	FDR DRIVE		A-PED	22	CITY	07/16/00	4.600	FAIR	2,200	\$3,168,000
2232120	M	E 71ST ST PED BRDG	FDR DRIVE		A-PED	19	CITY	04/12/00	7.000	VGOOD	1,800	\$2,592,000
2232140	M	E 78TH ST PED BRDG	FDR DRIVE		A-PED	9	CITY	10/22/00	3.475	FAIR	1,700	\$2,448,000
2245319	M	E 97TH ST	METRO NORTH MAIN LN	M	O	1	STATE	10/09/00	5.000	GOOD	3,200	\$4,608,000
2246400	M	E FOOTBRIDGE	TRANSVERSE RD #2		O-PED	1	CITY	06/10/00	3.900	FAIR	3,700	\$5,328,000
2246040	M	EAST DR AT CNTRL PARK	PEDESTRIAN WALK		O	1	CITY	04/16/99	4.870	FAIR	1,200	\$1,728,000
2246069	M	EAST DRIVE	PEDESTRIAN WALK		O	1	STATE	04/21/00	4.566	FAIR	2,700	\$3,888,000
2246110	M	EAST DRIVE	TRANSVERSE RD #1		O	1	STATE	04/21/00	4.600	FAIR	6,000	\$8,640,000
2246170	M	EAST DRIVE	PED WALK @ 73RD ST		O	1	STATE	02/28/00	5.018	GOOD	1,900	\$2,736,000
2246230	M	EAST DRIVE	TRANSVERSE RD #2		O	1	STATE	04/19/00	4.600	FAIR	6,500	\$9,360,000
2246250	M	EAST DRIVE	TRANSVERSE RD #3		O	1	STATE	02/01/00	4.466	FAIR	5,100	\$7,344,000
2246270	M	EAST DRIVE	TRANSVERSE RD #4		O	1	STATE	01/31/00	3.966	FAIR	7,000	\$10,080,000
2246470	M	EAST DRIVE	THE LOCH		O	1	STATE	04/05/00	4.700	FAIR	1,100	\$1,584,000
223201A	M	FDR DR N.B. OFF RMP	FDR DR & SOUTH ST		AR	17	STATE	03/14/00	3.686	FAIR	102,225	\$147,204,000
2232158	M	FDR DRIVE S.B.	FDR DRIVE N.B.		AT	56	STATE	10/20/00	4.484	FAIR	54,302	\$78,194,880
2233038	M	FDR DRIVE SB	FDR NB / E 62ND ST		AT	46	STATE	06/01/00	2.509	POOR	70,113	\$100,962,720
2232060	M	FDR DRIVE VIADUCT	AVE C TO E 25 ST		A	46	STATE	04/07/00	5.521	GOOD	184,259	\$265,332,960
2268650	M	FDR NB 42ND TO 49ST	EAST RIVER		A	119	STATE	09/14/99	4.491	FAIR	30,767	\$44,304,480
223204A	M	FDR NB TO HOUSTON ST	RELIEF		AR	4	STATE	03/22/00	3.900	FAIR	7,642	\$11,004,480
2245040	M	FORT TRYON PARK	SOUTH OF CLOISTERS		O	1	CITY	10/02/98	5.060	GOOD	750	\$1,080,000
2245050	M	FORT TRYON PARK	UNDERPASS		O	1	CITY	04/06/99	4.600	FAIR	750	\$1,080,000
2246500	M	FORT TRYON PLACE	ENTR FROM RIVERSIDE DR		O	1	STATE	04/17/00	4.366	FAIR	6,600	\$9,504,000
224005A	M	FROM FDR DRIVE	HARLEM RIVER DR		OR	19	STATE	06/14/00	4.059	FAIR	29,900	\$43,056,000
226771C	M	GAR RAMP TO 79 ST	79 ST BT BASIN GAR		AR	21	STATE	12/13/99	4.226	FAIR	9,095	\$13,096,800
2233059	M	HARLEM RIVER DRIVE	RAMP TO HRD N.B.		A	11	STATE	08/04/00	3.208	FAIR	51,000	\$73,440,000
2229309	M	HHP	RIVERSIDE PARK		A	1	STATE	02/11/00	5.100	GOOD	2,400	\$3,456,000
2229339	M	HHP	ST CLAIR PLACE		A	64	STATE	03/21/00	3.887	FAIR	370,000	\$532,800,000
2229349	M	HHP	W 158 ST	A	A	44	STATE	11/08/00	4.113	FAIR	140,000	\$201,600,000
2266229	M	HHP	PED UNDERPASS @ 148 ST		A	1	STATE	04/11/00	4.714	FAIR	1,800	\$2,592,000
2266230	M	HHP	PED UNDERPASS INWD PK		A	1	STATE	02/17/00	4.909	FAIR	800	\$1,152,000
2266240	M	HHP	PED UNDERPASS INWD PK		A	1	STATE	03/14/00	5.857	GOOD	1,100	\$1,584,000
2267250	M	HHP	AMTRAK 30TH ST LINE	A	A	55	STATE	07/11/00	3.516	FAIR	40,000	\$57,600,000
2229312	M	HHP NB	RAMP TO 96 ST		A	1	STATE	02/16/00	4.272	FAIR	2,000	\$2,880,000
2229322	M	HHP NB	RAMP TO 96 ST		A	1	STATE	07/13/00	5.433	GOOD	2,000	\$2,880,000
M00004	M	HHP ON/OFF RMP-79 EB	PEDESTRIAN PATH		A	1	CITY	07/20/00	4.933	FAIR	900	\$1,296,000
M00003	M	HHP ON/OFF RMP-79 WB	PEDESTRIAN PATH		A	1	CITY	11/16/00	4.767	FAIR	900	\$1,296,000
2229311	M	HHP SB	RAMP TO 96 ST		A	1	STATE	02/16/00	4.181	FAIR	2,000	\$2,880,000
2229321	M	HHP SB	RAMP TO 96 ST		A	1	STATE	07/13/00	5.200	GOOD	2,000	\$2,880,000
2229289	M	HHP VIADUCT	W 72 ST TO W 79 ST	A	A	145	STATE	10/25/00	3.388	FAIR	236,100	\$339,984,000
2232040	M	HOUSTON ST	FDR DRIVE		A	2	STATE	10/06/00	3.000	POOR	11,010	\$15,854,400
223204B	M	HOUSTON ST RAMP TO FDR	RELIEF		AR	4	STATE	04/03/00	4.333	FAIR	7,642	\$11,004,480

**INVENTORY SORTED BY BOROUGH**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2267240	M	HRD NB RAMP	HARLEM RIVER DR		A	51	STATE	11/15/00	2.851	POOR	112,860	\$162,518,400
2245300	M	INWOOD HILL PK FTBR	AMTRAK 30 ST BRANCH	A	O-PED	6	CITY	11/13/00	4.472	FAIR	700	\$1,008,000
2246690	M	ISHAM PK VEHICULR	HARLEM RIVER INLET		O	1	STATE	04/26/00	4.366	FAIR	700	\$1,008,000
2257569	M	MILLER HIGHWAY	TERRAIN		A	63	STATE	10/15/99	4.535	FAIR	287,539	\$414,056,160
2268930	M	MORRIS ST PED BRDG	BKLN-BATTERY TUNN PLZ		A-PED	3	CITY	07/11/00	4.535	FAIR	1,200	\$1,728,000
2245470	M	PARK AVE N.B	E 45TH ST		O	1	STATE	04/13/00	4.973	FAIR	2,400	\$3,456,000
2245460	M	PARK AVE S.B.	E 45TH ST		O	1	STATE	04/13/00	4.810	FAIR	2,400	\$3,456,000
2246550	M	PARK AVE VIADUCT	E 42ND ST		O	10	STATE	09/20/00	4.597	FAIR	19,600	\$28,224,000
224001A	M	PARK ROW TO BKLN	WILLIAM ST N.B.		OE	3	STATE	05/01/00	4.194	FAIR	8,685	\$12,506,400
224001C	M	PEARL ST TO BKLN	LAND ADJ TO BRDG		OE	12	STATE	05/04/00	3.779	FAIR	6,489	\$9,344,160
224001F	M	PEARL ST TO FDR DR	LAND ADJ TO BRDG		OE	3	STATE	06/21/99	5.113	GOOD	5,200	\$7,488,000
2246090	M	PED BRDG OPP 65 ST	TRANSVERSE RD #1		O-PED	1	CITY	11/12/00	4.655	FAIR	2,300	\$3,312,000
2245400	M	PED BRDG W OF 8TH AV	W 155TH ST		O-PED	1	CITY	10/08/93	1.000	POOR*	400	\$576,000
2246440	M	PED IN CTR OF PK	TRANSVERSE RD NO.2		O-PED	1	CITY	06/10/00	3.724	FAIR	5,900	\$8,496,000
2246030	M	PEDESTRIAN BRIDGE	POND		O-PED	1	CITY	03/22/00	3.857	FAIR	1,400	\$2,016,000
2246620	M	PEDESTRIAN BRIDGE	E 128TH ST		O-PED	18	CITY	12/08/99	4.019	FAIR	2,300	\$3,312,000
M00001	M	PEDESTRIAN TUNNEL	BROADWAY TO		O-PED	1	CITY	07/12/00	4.200	FAIR	2,000	\$2,880,000
2232167	M	PROMENADE OVER FDR	FDR/E79TH ST-E91ST ST		A-PED	53	STATE	11/02/00	3.143	FAIR	93,000	\$133,920,000
2268760	M	PS-5 PEDESTRIAN BR.	TENTH AVENUE		O-PED	5	CITY	05/23/00	6.592	VGOOD	1,500	\$2,160,000
222933A	M	RAMP FROM S.B. HHP	W 135 ST		AR	9	STATE	07/21/00	4.802	FAIR	12,900	\$18,576,000
223201D	M	RAMP TO N.B. FDR DRIVE	FDR & SOUTH ST.		AR	22	STATE	06/29/00	5.622	GOOD	15,825	\$22,788,000
222933B	M	RAMP TO N.B. HHP	W 135 ST		AR	14	STATE	01/20/00	4.422	FAIR	14,400	\$20,736,000
222934A	M	RAMP TO N.B. HHP	AMTRAK WEST SIDE	A	AR	26	STATE	11/07/00	3.722	FAIR	10,800	\$15,552,000
2246660	M	RIVERSIDE DRIVE	W 125TH ST & OTHERS		O	27	STATE	09/30/99	4.458	FAIR	148,300	\$213,552,000
2246720	M	RIVERSIDE DRIVE	W 158TH ST		O	77	STATE	11/19/00	3.597	FAIR	181,400	\$261,216,000
2246970	M	RIVERSIDE DRIVE	W 96TH ST		O	3	STATE	08/02/00	5.352	GOOD	10,600	\$15,264,000
2246980	M	RIVERSIDE DRIVE	W 138TH ST		O	1	STATE	07/11/00	4.633	FAIR	6,700	\$9,648,000
2267130	M	RIVERSIDE DRIVE	W 145TH ST		O	1	STATE	05/21/99	4.867	FAIR	5,800	\$8,352,000
226771D	M	SB HHP RAMP TO 79 ST	79 ST BT BASIN GAR		AR	4	STATE	07/12/99	4.371	FAIR	2,601	\$3,745,440
223201C	M	STH ST RMP TO FDR	SOUTH ST		AR	8	STATE	03/03/00	4.641	FAIR	39,150	\$56,376,000
223201B	M	STH ST RMP TO FDR S.B.	SOUTH ST		AR	10	STATE	02/24/00	3.716	FAIR	44,625	\$64,260,000
224001B	M	TO BKLN FRM FDR	FRANKFRT & CITY		OE	31	STATE	04/26/00	4.111	FAIR	51,400	\$74,016,000
224004B	M	TO E 60TH ST FROM QNS	FIRST AVE		OE	13	STATE	11/13/00	5.792	GOOD	14,800	\$21,312,000
224004C	M	TO E 62ND ST FROM QNS	E 60TH ST		OE	10	STATE	11/09/00	4.985	FAIR	16,720	\$24,076,800
224001D	M	TO FDR DR N.B.	PEARL STREET		OE	30	STATE	06/15/99	5.547	GOOD	49,600	\$71,424,000
2245480	M	TO GWB OPP W 171ST ST	RIVERSIDE DRIVE		O	1	STATE	07/24/00	5.571	GOOD	10,800	\$15,552,000
224007A	M	TO MADISON AVENUE	RELIEF		OR	9	STATE	07/21/00	6.140	VGOOD	22,600	\$32,544,000
224001G	M	TO PARK ROW	ROSE ST		OE	11	STATE	06/24/99	4.667	FAIR	16,551	\$23,833,440
224001E	M	TO PEARL ST	LAND ADJ TO BRDG		OE	3	STATE	06/18/99	5.394	GOOD	5,300	\$7,632,000
224004A	M	TO QNS FRM E 59TH ST	FIRST AVE		OE	13	STATE	11/13/00	5.789	GOOD	14,800	\$21,312,000
224004D	M	TO QNS FROM E 58TH ST	E 59TH ST		OE	12	STATE	10/20/00	4.623	FAIR	11,781	\$16,964,640
2246410	M	TRANSVERSE RD. #1	PED WALK NEAR 5 AV		O	1	STATE	04/10/00	4.409	FAIR	2,000	\$2,880,000
2246560	M	TUDOR CITY PLACE	E 42ND ST		O	1	STATE	03/24/00	5.027	GOOD	6,600	\$9,504,000
2246570	M	UNITED NATIONS PL	FIRST AVE TUNNEL		OT	2	STATE	10/02/00	5.078	GOOD	92,200	\$132,768,000
2246670	M	W 134 ST VIADUCT	RIVERSIDE DRIVE		O	3	STATE	07/13/99	5.000	GOOD	7,927	\$11,414,880
2245230	M	W 148TH ST PED BRDG	AMTRAK 30 ST BRANCH	A	O-PED	3	CITY	11/16/00	4.000	FAIR	1,100	\$1,584,000
2246710	M	W 153 ST	A.C. POWELL BLVD		O	1	STATE	04/20/00	4.388	FAIR	3,082	\$4,438,080
2245290	M	W 155TH ST PED BRDG	AMTRAK 30 ST BRANCH	A	O-PED	3	CITY	11/15/00	4.015	FAIR	800	\$1,152,000
2245250	M	W 158TH ST	AMTRAK 30 ST BRANCH	A	O	7	STATE	08/19/99	6.556	VGOOD	29,170	\$42,004,800
2245260	M	W 173RD ST PED BRDG	AMTRAK 30 ST BRANCH	A	O-PED	2	CITY	11/14/00	4.743	FAIR	1,500	\$2,160,000
2246600	M	W 176TH ST PED BRDG	APPROACH TO G.W.B.		O-PED	1	CITY	10/12/99	4.778	FAIR	1,200	\$1,728,000
2246489	M	W 181 ST	RAMP TO WASH BR		O	1	STATE	03/06/00	4.766	FAIR	8,200	\$11,808,000
2229400	M	W 181ST ST PED BRDG	HHP N.B.		A-PED	6	CITY	10/24/00	3.429	FAIR	1,500	\$2,160,000
226672A	M	W 31ST ST	AMTRAK LAYUP TRACKS	A	O	9	STATE	08/28/00	3.524	FAIR	8,800	\$12,672,000
224501B	M	W 33RD ST	AMTRAK 30 ST BRANCH	A	O	8	STATE	04/10/00	4.347	FAIR	16,500	\$23,760,000
224501C	M	W 33RD ST	LAND ADJ TO AMTRAK	A	O	2	STATE	06/30/99	4.486	FAIR	4,620	\$6,652,800
224501D	M	W 34TH ST	AMTRAK 30 ST BRANCH	A	O	4	STATE	07/21/99	4.319	FAIR	11,800	\$16,992,000
224501E	M	W 35TH ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	04/21/00	4.388	FAIR	6,500	\$9,360,000
224501F	M	W 36TH ST	AMTRAK 30 ST BRANCH	A	O	7	STATE	08/28/00	4.119	FAIR	16,400	\$23,616,000
2245060	M	W 37TH ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	08/24/00	3.961	FAIR	7,600	\$10,944,000
2245070	M	W 38TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	05/24/00	3.730	FAIR	6,200	\$8,928,000
2245080	M	W 39TH ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	06/02/00	4.365	FAIR	6,300	\$9,072,000
2245440	M	W 40TH ST	AMTRAK 30 ST BRANCH	A	O	4	STATE	05/24/00	4.073	FAIR	9,400	\$13,536,000
2245330	M	W 41ST ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	04/21/00	4.444	FAIR	6,200	\$8,928,000
2245210	M	W 42ND ST	AMTRAK 30 ST BRANCH	A	O	4	STATE	11/20/00	4.429	FAIR	10,300	\$14,832,000
2245090	M	W 43RD ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/14/00	4.764	FAIR	4,100	\$5,904,000
2245100	M	W 44TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/15/00	4.661	FAIR	4,300	\$6,192,000
2245110	M	W 45TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/16/00	4.632	FAIR	4,100	\$5,904,000
2245120	M	W 46TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/25/00	4.676	FAIR	4,100	\$5,904,000
2245130	M	W 47TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/21/00	4.720	FAIR	4,100	\$5,904,000

**INVENTORY SORTED BY BOROUGH**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2245140	M	W 48TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/22/00	4.735	FAIR	4,100	\$5,904,000
2245150	M	W 49TH ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	03/24/00	4.573	FAIR	4,100	\$5,904,000
2245340	M	W 50TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	03/27/00	4.647	FAIR	4,100	\$5,904,000
2245160	M	W 51ST ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/04/00	4.764	FAIR	4,300	\$6,192,000
2245170	M	W 52ND ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/26/00	5.073	GOOD	4,300	\$6,192,000
2245180	M	W 53RD ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/04/00	5.338	GOOD	5,100	\$7,344,000
2245350	M	W 54TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/05/00	5.412	GOOD	4,700	\$6,768,000
2245360	M	W 55TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/06/00	5.352	GOOD	4,300	\$6,192,000
2245370	M	W 56TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/07/00	5.367	GOOD	4,400	\$6,336,000
2245220	M	W 57TH ST	AMTRAK 30 ST BRANCH	A	O	3	STATE	04/14/00	4.867	FAIR	9,100	\$13,104,000
2245190	M	W 58TH ST	AMTRAK 30 ST BRANCH	A	O	2	STATE	04/07/00	4.705	FAIR	4,100	\$5,904,000
2245420	M	W 65TH ST E.B.	BRIDLE PATH W END		O	1	STATE	04/10/00	5.318	GOOD	1,600	\$2,304,000
2229290	M	W 79 ST	AMTRAK	A	A	1	STATE	10/17/00	4.559	FAIR	4,500	\$6,480,000
2269210	M	W.68TH STREET	AMTRAK		O	3	STATE		7.000	VGOOD*	5,349	\$7,702,560
2269190	M	W.70TH STREET	AMTRAK		O	3	STATE		7.000	VGOOD*	17,433	\$25,103,520
2240620	M	WARDS ISLAND PED BRDG	HARLEM RIVER		WM-PED	10	CITY	10/08/00	4.049	FAIR	12,600	\$18,144,000
2246000	M	WEST DRIVE	PED BET 61ST & 62ST		O	1	STATE	04/13/00	5.000	GOOD	2,500	\$3,600,000
2246080	M	WEST DRIVE	BRIDLE PATH @ 64TH ST		O	1	STATE	04/10/00	5.166	GOOD	2,000	\$2,880,000
2246120	M	WEST DRIVE	TRANSVERSE RD #1		O	1	STATE	04/20/00	5.000	GOOD	7,900	\$11,376,000
2246240	M	WEST DRIVE	TRANSVERSE RD #2		O	1	STATE	04/19/00	4.166	FAIR	7,200	\$10,368,000
2246260	M	WEST DRIVE	TRANSVERSE RD #3		O	1	STATE	01/28/00	4.800	FAIR	5,100	\$7,344,000
2246280	M	WEST DRIVE	TRANSVERSE RD #4		O	1	STATE	01/26/00	4.166	FAIR	4,700	\$6,768,000
2246330	M	WEST DRIVE	FEEDER TO LAKE		WO	1	STATE	02/29/00	5.000	GOOD	6,700	\$9,648,000
2246360	M	WEST DRIVE	PED WALK OPP 82 ST		O	1	STATE	03/02/00	6.045	VGOOD	3,100	\$4,464,000
2246430	M	WEST DRIVE	PED OPP 109TH ST		O	1	STATE	04/07/00	4.266	FAIR	1,200	\$1,728,000
2267380	M	WEST STREET	RECTOR ST		AT	1	STATE	11/23/99	4.667	FAIR	4,320	\$6,220,800
2240047	MQ	QUEENSBORO BRIDGE(LL)	EAST RIVER	L	WE	53	STATE	12/20/00	4.861	FAIR	626,900	\$902,736,000
2240048	MQ	QUEENSBORO BRIDGE(UL)	EAST RIVER-LL		WE	37	STATE	12/20/00	4.472	FAIR	322,300	\$464,112,000
2240640	MQ	ROOSEVELT ISLAND	E. RIVER E. CHANNEL		WM	8	STATE	03/20/00	4.347	FAIR	36,500	\$52,560,000
2248250	Q	102ND ST	HAWTREE BASIN		WO	7	STATE	09/23/99	6.941	VGOOD	3,200	\$4,608,000
2231730	Q	130TH AVE	BLP E.B.		A	1	STATE	01/03/00	5.000	GOOD	4,400	\$6,336,000
2231740	Q	130TH AVE	BLP W.B.		A	1	STATE	01/04/00	4.666	FAIR	4,400	\$6,336,000
2231590	Q	130TH ST	BSOP		A	2	STATE	01/14/00	4.818	FAIR	6,800	\$9,792,000
2231980	Q	147TH ST	BCIP		A	2	STATE	01/12/00	4.727	FAIR	6,300	\$9,072,000
2247070	Q	147TH ST	LIRR N SIDE DIV	L	O	1	STATE	04/27/99	5.745	GOOD	2,800	\$4,032,000
2247090	Q	149TH PLACE	LIRR N SIDE DIV	L	O	2	STATE	04/29/99	5.667	GOOD	4,300	\$6,192,000
2231960	Q	149TH ST	BCIP		A	2	STATE	01/13/00	4.500	FAIR	6,100	\$8,784,000
2247080	Q	149TH ST	LIRR N SIDE DIV	L	O	1	STATE	04/28/99	4.857	FAIR	4,100	\$5,904,000
2231970	Q	14TH AVE	BCIP		A	2	STATE	01/13/00	4.613	FAIR	8,100	\$11,664,000
2231950	Q	150TH ST	BCIP		A	2	STATE	01/21/00	4.363	FAIR	5,900	\$8,496,000
2247100	Q	150TH ST	LIRR N SIDE DIV	L	O	2	STATE	04/30/99	6.588	VGOOD	7,830	\$11,275,200
2231920	Q	160TH ST	BCIP		A	2	STATE	02/02/99	6.472	VGOOD	5,500	\$7,920,000
2240650	Q	163RD ST PED BRDG	HAWTREE BASIN		W-PED	13	CITY	11/03/00	4.667	FAIR	5,000	\$7,200,000
7705510	Q	167TH ST PED BRDG	LIRR PORT WASH BRANCH	L	O-PED	3	CITY	12/05/00	4.438	FAIR	600	\$864,000
7703720	Q	216TH ST PED BRDG	LIRR PORT WASH BRANCH	L	O-PED	5	CITY	12/07/00	4.102	FAIR	400	\$576,000
2247270	Q	21ST STREET	CONRAIL	C	O	6	STATE	06/14/99	5.764	GOOD	17,590	\$25,329,600
2247680	Q	221ST ST	LIRR N SIDE DIV	L	O	3	STATE	05/06/99	5.882	GOOD	6,050	\$8,712,000
2231640	Q	225TH ST	BSOP		A	2	STATE	04/26/00	4.545	FAIR	7,000	\$10,080,000
2230669	Q	278I (B.Q.E.)	35TH AVE		A	1	STATE	01/17/00	3.421	FAIR	6,500	\$9,360,000
2230679	Q	278I (B.Q.E.)	34TH AVE		A	3	STATE	03/30/00	4.166	FAIR	9,500	\$13,680,000
2230680	Q	278I (B.Q.E.)	NORTHERN BLVD		A	1	STATE	03/28/00	4.377	FAIR	5,900	\$8,496,000
2230710	Q	278I S.B. (B.Q.E.)	32ND AVE		A	1	STATE	08/31/00	4.390	FAIR	4,500	\$6,480,000
2231890	Q	28TH AVE PED BRDG	BCIP		A-PED	24	CITY	02/04/00	4.950	FAIR	7,600	\$10,944,000
2230730	Q	31ST AVE	278I (B.Q.E.)		A	1	STATE	02/03/00	3.484	FAIR	3,700	\$5,328,000
2230657	Q	31ST ST	278I (B.Q.E.)		A	2	STATE	06/02/00	5.083	GOOD	9,500	\$13,680,000
2230640	Q	32ND ST	278I (B.Q.E.)		A	2	STATE	02/11/99	4.847	FAIR	8,100	\$11,664,000
2230630	Q	35TH ST	278I (B.Q.E.)		A	4	STATE	06/21/00	4.875	FAIR	9,000	\$12,960,000
2247370	Q	37TH AVE	CONRAIL HELLGATE	C	O	1	STATE	10/27/99	4.818	FAIR	5,300	\$7,632,000
2230620	Q	37TH ST	278I (B.Q.E.)		A	2	STATE	03/10/00	4.486	FAIR	5,300	\$7,632,000
2247330	Q	39TH ST (NORTH)	SUNNYSIDE YARDS	AL	O	15	STATE	08/20/99	6.722	VGOOD	48,200	\$69,408,000
2247640	Q	39TH ST (SOUTH)	AMTRAK & LIRR YARD	AL	O	9	STATE	08/25/99	6.639	VGOOD	34,100	\$49,104,000
2230570	Q	41ST AVE	278I (B.Q.E.)		A	3	STATE	03/03/00	4.930	FAIR	8,800	\$12,672,000
2247390	Q	41ST AVE	CONRAIL HELLGATE	C	O	2	STATE	10/26/99	4.942	FAIR	4,000	\$5,760,000
2247410	Q	43RD AVE	CONRAIL	C	O	1	STATE	03/30/99	5.033	GOOD	4,800	\$6,912,000
2247420	Q	44TH AVE	CONRAIL	C	O	1	STATE	03/30/99	5.033	GOOD	5,100	\$7,344,000
2230840	Q	44TH ST	GCP		A	2	STATE	03/14/00	4.791	FAIR	5,000	\$7,200,000
2247430	Q	45TH AVE	CONRAIL	C	O	1	STATE	03/31/99	3.918	FAIR	2,400	\$3,456,000
2230820	Q	47TH ST	GCP		A	2	STATE	03/22/00	4.541	FAIR	5,700	\$8,208,000
2066002	Q	495I (2066000)	WOODHAVEN BLVD		A	2	STATE	04/27/00	4.000	FAIR	25,200	\$36,288,000

**INVENTORY SORTED BY BOROUGH**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2247290	Q	49TH AVE	LIRR,AMT,CON NE	L	O	5	STATE	08/04/00	4.027	FAIR	20,200	\$29,088,000
2230800	Q	49TH ST	BQE WEST LEG		A	2	STATE	03/10/00	5.388	GOOD	4,900	\$7,056,000
2230890	Q	49TH ST	GCP		A	2	STATE	06/01/00	4.777	FAIR	5,500	\$7,920,000
1247280	Q	51 AVE PED BR.2247280	LIRR MAIN LINE	L	O-PED	5	CITY	12/06/00	3.355	FAIR	700	\$1,008,000
2247190	Q	55TH AVE PED BRDG	LIRR MAIN LINE	L	O-PED	3	CITY	12/07/00	4.429	FAIR	13,000	\$18,720,000
2247450	Q	57TH AVE	CONRAIL	C	O	1	STATE	04/05/99	6.683	VGOOD	2,400	\$3,456,000
2247650	Q	60TH RD PED BRDG	LIRR MAIN LINE	L	O-PED	3	CITY	06/17/97	5.207	GOOD	2,293	\$3,301,920
2247540	Q	60TH ST	LIRR MONTAUK DIV	L	O	2	STATE	05/12/99	5.277	GOOD	5,340	\$7,689,600
2230520	Q	65TH PLACE	278I (B.Q.E.)		A	2	STATE	01/11/00	4.750	FAIR	11,600	\$16,704,000
2247160	Q	65TH PLACE	LIRR N SHR DIV	L	O	3	STATE	10/08/99	6.500	VGOOD	8,381	\$12,068,640
2247150	Q	65TH ST	LIRR N SIDE DIV	L	O	3	STATE	10/05/99	4.667	FAIR	6,000	\$8,640,000
1247200	Q	67 AVE PED BR 2247200	LIRR MAIN LINE	L	O-PED	3	CITY	12/13/00	4.676	FAIR	1,300	\$1,872,000
2266160	Q	678I SB TO BCIP EB	ACCESS RD FROM 678I		A	1	STATE	04/05/00	4.593	FAIR	2,300	\$3,312,000
2230550	Q	69TH ST	278I (B.Q.E.)		A	2	STATE	03/02/00	5.017	GOOD	12,600	\$18,144,000
2247490	Q	69TH ST JUNPR BLVD	CONRAIL	C	O	1	STATE	08/08/00	5.709	GOOD	6,175	\$8,892,000
2230560	Q	70TH ST	278I (B.Q.E.)		A	2	STATE	03/03/00	5.055	GOOD	8,500	\$12,240,000
2248300	Q	71ST AVE	COOPER AVE		O	1	STATE	03/19/99	4.169	FAIR	2,800	\$4,032,000
2247220	Q	80TH ROAD	LIRR MAIN LINE	L	O	3	STATE	06/02/99	4.873	FAIR	4,100	\$5,904,000
2247570	Q	80TH ST	71ST TO 77TH AVE	L	O	5	STATE	06/20/00	5.000	GOOD	11,725	\$16,884,000
2247230	Q	82ND AVE	LIRR MAIN LINE	L	O	3	STATE	06/03/99	5.443	GOOD	4,100	\$5,904,000
1247010	Q	91 PLACE (2247010)	LIRR PT WASH BRANCH	L	O	3	STATE	06/30/00	3.318	FAIR	4,200	\$6,048,000
2247020	Q	94TH ST PED BRDG	LIRR N SIDE DIV	L	O-PED	5	CITY	12/12/00	4.211	FAIR	500	\$720,000
2247530	Q	ANDREWS AVE	LIRR MONTAUK DIV	L	O	4	STATE	06/08/00	4.032	FAIR	3,200	\$4,608,000
2231580	Q	AQUEDUCT RCTK RAMP	BSOP		A	4	STATE	08/28/00	4.375	FAIR	14,000	\$20,160,000
2230810	Q	ASTORIA BLVD E.B.	BQE WEST LEG		A	4	STATE	03/29/00	4.308	FAIR	8,200	\$11,808,000
2231760	Q	BCIP	DUTCH BROADWAY-115 AVE		A	1	STATE	01/14/00	4.428	FAIR	7,300	\$10,512,000
2231900	Q	BCIP	FORT TOTTEN ENTRANCE		A	1	STATE	03/23/00	4.484	FAIR	4,900	\$7,056,000
Q00002	Q	BCIP	PATH OPPOSITE 88TH RD		A	1	CITY	07/16/98	5.467	GOOD	1,200	\$1,728,000
2248230	Q	BEACH CHANNEL DR WB	BEACH CHANNEL DR EB		O	1	STATE	03/30/99	4.200	FAIR	3,600	\$5,184,000
2247140	Q	BELL BLVD	LIRR N SIDE DIV	L	O	1	STATE	05/21/99	6.186	VGOOD	4,320	\$6,220,800
2231770	Q	BELMONT PARK RAMP	BCIP		A	1	STATE	02/24/00	4.875	FAIR	3,200	\$4,608,000
2240410	Q	BORDEN AVE	DUTCH KILLS		WM	2	STATE	04/22/99	3.778	FAIR	8,400	\$12,096,000
2247050	Q	BOWNE AVE	LIRR N SIDE DIV	L	O	1	STATE	06/23/00	5.862	GOOD	4,974	\$7,162,560
2230700	Q	BQE EAST LEG	TO BQE WEST LEG		A	14	STATE	03/20/00	3.486	FAIR	16,800	\$24,192,000
2230720	Q	BQE EAST LEG	BQE NB WEST LEG		A	1	STATE	03/22/00	4.328	FAIR	2,700	\$3,888,000
2230780	Q	BQE EAST LEG	30TH AVE		A	3	STATE	03/08/00	4.097	FAIR	9,400	\$13,536,000
2230690	Q	BQE EAST LEG NB	32ND AVE		A	1	STATE	01/21/00	3.703	FAIR	6,160	\$8,870,400
2230750	Q	BQE EAST LEG SB	31ST AVE		A	1	STATE	07/03/00	4.156	FAIR	2,900	\$4,176,000
2230770	Q	BQE WEST LEG	30TH AVE		A	1	STATE	03/22/99	4.203	FAIR	6,500	\$9,360,000
2230830	Q	BQE WEST LEG	GCP		A	2	STATE	06/09/00	4.916	FAIR	7,600	\$10,944,000
2230760	Q	BQE WEST LEG NB	31ST AVE		A	1	STATE	04/24/00	4.015	FAIR	2,900	\$4,176,000
2230740	Q	BQE WEST LEG SB	31ST AVE		A	1	STATE	06/26/00	4.531	FAIR	3,700	\$5,328,000
2231829	Q	BRADDOCK AVE	BCIP		A	2	STATE	02/01/00	4.681	FAIR	10,600	\$15,264,000
2230590	Q	BROADWAY	278I (B.Q.E.)		O	2	STATE	04/20/00	3.894	FAIR	16,000	\$23,040,000
2231549	Q	BSHP	84TH ST		A	2	STATE	03/16/99	4.718	FAIR	12,118	\$17,449,920
2230790	Q	BULOVA AVE	BQE WEST LEG		A	2	STATE	03/03/00	5.761	GOOD	3,300	\$4,752,000
2247460	Q	CALDWELL AVE	CONRAIL	C	O	1	STATE	08/09/00	6.638	VGOOD	2,243	\$3,229,920
2231940	Q	CLINTONVILLE ST	BCIP		A	2	STATE	01/21/00	4.727	FAIR	7,400	\$10,656,000
2231570	Q	COHANCY ST	BSOP		A	2	STATE	03/15/00	4.727	FAIR	6,400	\$9,216,000
2247130	Q	CORPORAL KENNEDY ST	LIRR N SIDE DIV	L	O	2	STATE	05/04/99	6.529	VGOOD	4,340	\$6,249,600
2231880	Q	CROCHERON PK PED	BCIP		A-PED	9	CITY	03/09/00	4.642	FAIR	2,300	\$3,312,000
2231559	Q	CROSS BAY BLVD	BSHP		A	4	STATE	03/14/00	5.250	GOOD	23,205	\$33,415,200
2248039	Q	CROSS BAY BLVD	CONDUIT AVE		O	2	STATE	05/31/00	3.555	FAIR	17,000	\$24,480,000
2266770	Q	CROSS ISLAND PKWY	LAURELTON PKWY		A	1	STATE	05/05/00	5.111	GOOD	9,508	\$13,691,520
2230070	Q	CYP HILLS CEM EAST	JACKIE ROBINSON PKWY		A	3	STATE	02/29/00	4.113	FAIR	4,400	\$6,336,000
2230050	Q	CYP HILLS CEM WEST	JACKIE ROBINSON PKWY		A	3	STATE	01/13/00	3.295	FAIR	4,400	\$6,336,000
2230040	Q	CYPRESS HILLS ST	JACKIE ROBINSON PKWY		A	1	STATE	09/06/00	5.888	GOOD	5,000	\$7,200,000
2247170	Q	DOUGLASTON PKWY	LIRR N SIDE DIV	L	O	3	STATE	06/28/00	5.423	GOOD	6,300	\$9,072,000
2247470	Q	ELIOT AVE	CONRAIL	C	O	1	STATE	04/06/99	5.250	GOOD	3,600	\$5,184,000
2247550	Q	ELIOT AVE	LIRR MONTAUK DIV	L	O	2	STATE	05/13/99	5.885	GOOD	9,200	\$13,248,000
2248160	Q	ELLIOT AVE	QUEENS BLVD		O	2	STATE	07/11/00	4.771	FAIR	13,785	\$19,850,400
2231620	Q	FARMERS BLVD	BSOP		A	2	STATE	02/10/00	4.568	FAIR	6,400	\$9,216,000
2248220	Q	FLUSHING AV SERVICE	FLUSHING AVE		O	1	STATE	03/24/99	5.125	GOOD	3,000	\$4,320,000
2248260	Q	FLUSHING MEADW PARK	MEADOW LAKE & 69TH RD		WO	5	STATE	03/02/00	4.800	FAIR	4,200	\$6,048,000
2248340	Q	FOREST PARK DR	MYRTLE AVE		O	3	STATE	02/16/99	3.537	FAIR	5,100	\$7,344,000
2247590	Q	FOREST PARK DRIVE	LIRR MONTAUK DIV	L	O	5	STATE	06/15/00	4.087	FAIR	6,000	\$8,640,000
2247660	Q	FOREST PARK DRIVE	ABANDONED LIRR	L	O	6	STATE	05/26/00	3.388	FAIR	10,000	\$14,400,000
2231690	Q	FRANCIS LEWIS BLVD	BLP E.B.		A	1	STATE	03/13/00	5.333	GOOD	6,000	\$8,640,000
2231700	Q	FRANCIS LEWIS BLVD	BLP W.B.		A	1	STATE	02/24/00	5.066	GOOD	6,000	\$8,640,000
2231930	Q	FRANCIS LEWIS BLVD	BCIP		A	3	STATE	01/20/00	4.772	FAIR	9,100	\$13,104,000

**INVENTORY SORTED BY BOROUGH**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2267199	Q	FRANCIS LEWIS BLVD	PARK ROAD		O	1	STATE	03/31/99	4.733	FAIR	7,085	\$10,202,400
2247180	Q	GRAND AVE	LIRR MAIN LINE	L	O	3	STATE	07/12/00	5.000	GOOD	7,415	\$10,677,600
2247440	Q	GRAND AVE	CONRAIL	C	O	1	STATE	04/01/99	4.397	FAIR	3,400	\$4,896,000
2231610	Q	GUY R. BREWER BLVD	BSOP		A	2	STATE	02/10/00	3.977	FAIR	7,300	\$10,512,000
2231780	Q	HEMPSTEAD AVE	BCIP		A	2	STATE	01/19/00	4.064	FAIR	14,200	\$20,448,000
2266149	Q	HEMPSTEAD AVE	CROSS ISLAND PKWY		A	2	STATE	05/12/00	4.076	FAIR	9,500	\$13,680,000
2231840	Q	HILLSIDE AVE	BCIP		A	2	STATE	05/19/00	4.184	FAIR	9,672	\$13,927,680
2247320	Q	HONEYWELL ST	AMTRAK & LIRR YARD	AL	O	22	STATE	09/18/00	2.500	POOR*	98,300	\$141,552,000
2300130	Q	HOOK CREEK	HOOK CREEK BRIDGE		W	3	STATE	09/24/99	6.552	VGOOD	18,302	\$26,354,880
2240450	Q	HUNTERS PT AVE BRIDGE	DUTCH KILLS		WM	4	STATE	03/17/00	5.333	GOOD	11,544	\$16,623,360
2248299	Q	INTER PKWY-UNION TPK	AUSTIN ST		O	1	STATE	01/05/00	4.750	FAIR	5,900	\$8,496,000
2230099	Q	JACKIE ROBINSON PKWY	CYPRESS HILLS CEMETRY		A	1	STATE	01/05/00	5.482	GOOD	4,200	\$6,048,000
2230179	Q	JACKIE ROBINSON PKWY	METROPOLITAN AVE		A	2	STATE	01/13/00	5.035	GOOD	8,673	\$12,489,120
2247260	Q	JACKSON AVE	LIRR,AMT,CON NE	L	O	1	STATE	08/02/00	6.316	VGOOD	4,517	\$6,504,480
2231819	Q	JAMAICA AVE	BCIP		A	2	STATE	02/17/00	4.590	FAIR	11,500	\$16,560,000
2247480	Q	JUNIPER BLVD SO	CONRAIL	C	O	1	STATE	04/06/99	6.278	VGGOOD	8,500	\$12,240,000
2247240	Q	LEFFERTS BLVD	LIRR MAIN LINE	L	O	3	STATE	06/09/99	6.014	VGGOOD	5,460	\$7,862,400
2231750	Q	LINDEN BLVD	BCIP		A	2	STATE	01/28/00	4.068	FAIR	6,700	\$9,648,000
2248040	Q	LINDEN BLVD	CONDUIT AVE		O	1	STATE	03/20/00	5.266	GOOD	3,352	\$4,826,880
2230190	Q	MARKWOOD ROAD	JACKIE ROBINSON PKWY		A	1	STATE	02/23/00	5.333	GOOD	4,400	\$6,336,000
2231710	Q	MERRICK BLVD	BLP E.B.		A	1	STATE	03/10/00	4.133	FAIR	6,000	\$8,640,000
2231720	Q	MERRICK BLVD	BLP W.B.		A	1	STATE	03/10/00	4.200	FAIR	6,000	\$8,640,000
1247560	Q	METROPOLITAN AVE	LIRR MONTAUK DIV	L	O	2	STATE	06/13/00	3.634	FAIR	20,900	\$30,096,000
2247500	Q	METROPOLITAN AVE	CONRAIL	C	O	1	STATE	04/07/99	4.767	FAIR	18,650	\$26,856,000
2247110	Q	MURRAY ST	LIRR N SIDE DIV	L	O	1	STATE	05/03/99	5.556	GOOD	4,000	\$5,760,000
2230120	Q	MYRTLE AVE	JACKIE ROBINSON PKWY		A	1	STATE	03/01/00	5.000	GOOD	6,400	\$9,216,000
2247620	Q	MYRTLE AVE	ABANDONED LIRR	L	O	3	STATE	01/28/00	5.277	GOOD	6,725	\$9,684,000
2231670	Q	N CONDUIT AVE W.B.	BLP E.B.		A	1	STATE	01/05/00	4.916	FAIR	4,000	\$5,760,000
2231680	Q	N CONDUIT AVE WB	BLP W.B.		A	2	STATE	01/07/00	4.840	FAIR	6,500	\$9,360,000
205580A	Q	N.BLVD WB TO 678I SB	VACANT LAND		AR	16	STATE	09/14/00	5.090	GOOD	8,600	\$12,384,000
2231870	Q	NORTHERN BLVD	BCIP		A	2	STATE	12/08/00	6.653	VGGOOD	8,900	\$12,816,000
2240440	Q	NORTHERN BLVD	ALLEY CREEK		W	2	STATE	03/27/00	4.986	FAIR	8,300	\$11,952,000
2055802	Q	NORTHERN BLVD E.B.	FLUSHING RIVER		W	40	STATE	08/29/00	4.380	FAIR	78,894	\$113,607,360
2055801	Q	NORTHERN BLVD W.B.	FLUSHING RIVER		W	40	STATE	07/28/00	4.746	FAIR	71,900	\$103,536,000
2247600	Q	PARK LANE SOUTH	LIRR MONTAUK DIV	AL	O	3	STATE	06/22/00	7.000	VGGOOD	5,900	\$8,496,000
2247060	Q	PARSONS BLVD	LIRR N SIDE DIV	L	O	1	STATE	06/26/00	5.333	GOOD	4,200	\$6,048,000
2247630	Q	PED BRG NEAR UNION TPK	ABANDONED LIRR		O-PED	8	CITY	08/29/00	5.154	GOOD	900	\$1,296,000
2230209	Q	QUEENS BLVD	JACKIE ROBINSON PKWY	T	A	5	STATE	05/19/00	4.698	FAIR	90,000	\$129,600,000
2230530	Q	QUEENS BLVD	278I (B.Q.E.)		A	2	STATE	06/27/00	4.138	FAIR	23,500	\$33,840,000
2230869	Q	QUEENS BLVD	ACCESS RD BQE S.B.		A	1	STATE	04/10/00	4.090	FAIR	7,900	\$11,376,000
2247310	Q	QUEENS BLVD	AMTRAK & LIRR YARD	L	O	19	STATE	09/21/00	3.000	POOR	92,400	\$133,056,000
2240660	Q	RIKERS ISLAND BRIDGE	RIKERS ISL CHANNEL		W	56	STATE	08/04/99	5.000	GOOD	183,100	\$263,664,000
2248369	Q	ROCKAWAY BLVD	THURSTON BASIN		WO	2	STATE	04/28/00	3.684	FAIR	6,000	\$8,640,000
2230587	Q	ROOSEVELT AVE	278I (B.Q.E.)		A	2	STATE	01/19/00	4.529	FAIR	6,600	\$9,504,000
2240507	Q	ROOSEVELT AVE	678I - VAN WYCK EXPWY		W	27	STATE	06/12/00	3.507	FAIR	84,424	\$121,570,560
2247380	Q	ROOSEVELT AVE	CONRAIL HELLGATE	C	O	2	STATE	08/07/00	5.097	GOOD	5,200	\$7,488,000
2267160	Q	ROOSEVELT AVE	FLUSHING MDW PK ROAD		O	4	STATE	03/11/99	4.587	FAIR	7,280	\$10,483,200
2248200	Q	RUST ST	FLUSHING AVE		O	1	STATE	04/20/99	5.391	GOOD	2,900	\$4,176,000
2231560	Q	S CONDUIT BLVD	BSOP		A	2	STATE	03/15/00	5.633	GOOD	15,776	\$22,717,440
2248240	Q	SERVICE RD TURNAROUND	OVER FLUSHING AVE		O	1	STATE	03/25/99	5.188	GOOD	2,900	\$4,176,000
2231630	Q	SPRINGFIELD BLVD	BSOP		A	2	STATE	03/15/00	4.636	FAIR	8,500	\$12,240,000
2268770	Q	SPRINGFIELD BLVD	EQUES. PATH (ABAND.)		O	1	STATE	07/12/99	4.333	FAIR	1,470	\$2,116,800
2230600	Q	STEINWAY ST	278I W.B. (B.Q.E.)		A	1	STATE	01/13/00	4.333	FAIR	4,200	\$6,048,000
2230610	Q	STEINWAY ST	278I E.B. (B.Q.E.)		A	1	STATE	01/12/00	4.027	FAIR	4,200	\$6,048,000
2231650	Q	SUNRISE HWY W.B.	BLP E.B.		A	1	STATE	03/02/00	4.622	FAIR	4,100	\$5,904,000
2231660	Q	SUNRISE HWY W.B.	BLP W.B.		A	2	STATE	04/28/00	4.656	FAIR	5,350	\$7,704,000
2231800	Q	SUPERIOR ROAD	BCIP		A	2	STATE	02/28/00	4.227	FAIR	7,000	\$10,080,000
2247300	Q	THOMPSON AVE	AMTRAK YARD	L	O	14	STATE	08/18/00	5.527	GOOD	61,280	\$88,243,200
224004H	Q	TO 21ST ST FROM NY	22ND ST		OE	34	STATE	11/02/00	4.211	FAIR	48,100	\$69,264,000
224004E	Q	TO NY FR THOMSON AVE	JACKSON AVE		OE	64	STATE	12/15/00	4.830	FAIR	104,600	\$150,624,000
224004G	Q	TO NY FROM 11TH ST	TERRAIN (CHAMBER)		OE	36	STATE	10/06/00	4.739	FAIR	8,360	\$12,038,400
224004F	Q	TO NY FROM 21ST ST	21ST ST (QUEENS)		OE	63	STATE	12/15/00	4.439	FAIR	63,310	\$91,166,400
224004I	Q	TO THOMSON AVE FROM NY	JACKSON AVE		OE	38	STATE	11/28/00	5.377	GOOD	59,100	\$85,104,000
2247040	Q	UNION ST	LIRR N SIDE DIV	L	O	1	STATE	04/26/99	6.389	VGGOOD	3,313	\$4,770,720
2230180	Q	UNION TPKE	JACKIE ROBINSON PKWY		A	1	STATE	02/16/00	5.812	GOOD	5,359	\$7,716,960
2231850	Q	UNION TPKE	BCIP		A	2	STATE	02/17/00	4.227	FAIR	13,600	\$19,584,000
2248129	Q	UNION TPKE	CREEDMOOR HOSP RD		O	1	STATE	03/08/99	4.333	FAIR	3,500	\$5,040,000
2231910	Q	UTOPIA PKWY	BCIP		A	2	STATE	01/18/00	4.789	FAIR	7,200	\$10,368,000
2231860	Q	W ALLEY ROAD	BCIP		A	2	STATE	06/06/00	5.636	GOOD	7,200	\$10,368,000

**INVENTORY SORTED BY BOROUGH**

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
2248020	Q	WHITELAW PED BRDG	CONDUIT AVE		O-PED	7	CITY	09/06/00	4.887	FAIR	5,500	\$7,920,000
1065210	Q	WHITESTONE EXP NB	BCIP (2065210)		A	1	STATE	05/01/00	4.682	FAIR	2,500	\$3,600,000
2266139	Q	WINCHESTER BLVD N.B.	BCIP		A	1	STATE	03/22/00	4.795	FAIR	6,400	\$9,216,000
2266129	Q	WINCHESTER BLVD S.B.	BCIP		A	1	STATE	03/21/00	4.659	FAIR	4,400	\$6,336,000
2248019	Q	WOODHAVEN BLVD	ATLANTIC AVE		O	3	STATE	06/29/00	4.472	FAIR	19,400	\$27,936,000
2248159	Q	WOODHAVEN BLVD	QUEENS BLVD		O	2	STATE	03/24/00	4.307	FAIR	11,500	\$16,560,000
2230540	Q	WOODSIDE AVE	278I (B.Q.E.)		A	1	STATE	01/03/00	5.140	GOOD	7,500	\$10,800,000
2247120	Q	WOODSIDE AVE	LIRR MAIN LINE	L	O	3	STATE	10/04/99	4.302	FAIR	14,900	\$21,456,000
2247400	Q	WOODSIDE AVE	CONRAIL	C	O	1	STATE	03/29/99	5.067	GOOD	8,200	\$11,808,000
2249320	R	ALBEE AVE	SIRT SOUTH SHORE	S	O	3	STATE	08/19/99	4.689	FAIR	6,500	\$9,360,000
2268920	R	AMBOY ROAD	LEMON CREEK		WO	1	STATE	02/07/00	7.000	VGOOD*	1,444	\$2,079,360
2249330	R	ANNADALE ROAD	SIRT SOUTH SHORE	S	O	2	STATE	08/19/99	4.471	FAIR	4,500	\$6,480,000
2249240	R	ARTHUR KILL ROAD	SIRT SOUTH SHORE	S	O	1	STATE	06/02/00	4.944	FAIR	3,700	\$5,328,000
2249820	R	ARTHUR KILL ROAD	ARTHUR KILL STREAM		WO	1	STATE	07/13/99	4.102	FAIR	2,000	\$2,880,000
2249440	R	BANCROFT AVE	SIRT SOUTH SHORE	S	O	3	STATE	08/27/99	5.049	GOOD	5,900	\$8,496,000
2249400	R	BEACH AVE	SIRT SOUTH SHORE	S	O	2	STATE	08/23/99	5.879	GOOD	3,700	\$5,328,000
2249580	R	BELFIELD AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	5	CITY	03/13/00	4.333	FAIR	400	\$576,000
2249250	R	BETHEL AV PED BRDG	SIRT SOUTH SHORE	S	O-PED	12	CITY	06/15/00	3.739	FAIR	500	\$720,000
2249390	R	CEDARVIEW AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	5	CITY	03/14/00	4.684	FAIR	600	\$864,000
2249880	R	CHELSEA ROAD	SAWMILL CREEK		WO	1	STATE	06/29/99	7.000	VGOOD	2,197	\$3,163,680
2249490	R	CLOVE ROAD	SIRT SOUTH SHORE	S	O	3	STATE	06/20/00	6.222	VGOOD	8,200	\$11,808,000
2249280	R	COZZINS BLVD PED BRDG	SIRT SOUTH SHORE	S	O-PED	7	CITY	03/22/00	4.913	FAIR	200	\$288,000
2249160	R	DE HART AVE	B&O RAILROAD	O	O	4	STATE	05/21/99	6.519	VGOOD	6,700	\$9,648,000
2249480	R	FINGERBOARD ROAD	SIRT SOUTH SHORE	S	O	2	STATE	09/02/99	6.778	VGOOD	5,100	\$7,344,000
2249800	R	FOREST AVE	CLOVE LAKES PK STREAM		WO	1	STATE	07/13/99	4.864	FAIR	1,600	\$2,304,000
2249450	R	FREMONT AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	3	CITY	03/29/00	4.821	FAIR	800	\$1,152,000
2249360	R	GIFFORDS LANE	SIRT SOUTH SHORE	S	O	1	STATE	06/19/00	5.718	GOOD	3,042	\$4,380,480
2249100	R	GRANITE AVE	B&O RAILROAD	O	O	4	STATE	02/21/00	6.372	VGOOD	7,300	\$10,512,000
2249370	R	GREAVES AVE	SIRT SOUTH SHORE	S	O	3	STATE	06/22/00	3.789	FAIR	6,100	\$8,784,000
2249380	R	GUYON AVE	SIRT SOUTH SHORE	S	O	3	STATE	08/20/99	4.902	FAIR	6,900	\$9,936,000
2249520	R	HANNAH ST	SIRT SOUTH SHORE	S	O	10	STATE	10/01/99	5.254	GOOD	10,020	\$14,428,800
2249180	R	HARBOR ROAD	B&O RAILROAD	O	O	4	STATE	05/28/99	6.254	VGOOD	6,615	\$9,525,600
2249020	R	HOPE AVE	B&O RR (ABANDONED)		O	1	STATE	11/08/99	4.224	FAIR	2,500	\$3,600,000
2249300	R	HUGUENOT AVE	SIRT SOUTH SHORE	S	O	2	STATE	08/19/99	4.339	FAIR	4,900	\$7,056,000
2249810	R	HYLAN BLVD	LEMON CREEK		WO	1	STATE	09/12/00	6.625	VGOOD	11,400	\$16,416,000
2249070	R	JOHN ST	B&O RAILROAD	O	O-PED	3	CITY	01/04/00	6.806	VGOOD	5,800	\$8,352,000
2249110	R	LAKE AVE	B&O RAILROAD	O	O	3	STATE	05/27/99	6.074	VGOOD	5,900	\$8,496,000
2249460	R	LINCOLN AVE	SIRT SOUTH SHORE	S	O	1	STATE	08/31/99	5.466	GOOD	4,500	\$6,480,000
2249210	R	MAIN ST PED BRDG	SIRT SOUTH SHORE	S	O-PED	9	CITY	03/15/00	4.895	FAIR	400	\$576,000
2249760	R	MARTLINGS AVE	RICHMOND LAKE DAM		WO	2	STATE	07/15/99	4.900	FAIR	7,000	\$10,080,000
2249060	R	McCLEAN AVE	B&O RR (ABANDONED)		O	1	STATE	02/28/00	3.981	FAIR	2,500	\$3,600,000
2249470	R	MIDLAND AVE	SIRT SOUTH SHORE	S	O	1	STATE	09/01/99	5.828	GOOD	3,000	\$4,320,000
2249530	R	MINTHORNE ST PED BRDG	SIRT SOUTH SHORE	S	O-PED	23	CITY	10/10/00	7.000	VGOOD	1,600	\$2,304,000
2249090	R	MORNINGSTAR ROAD	B&O RAILROAD	O	O	4	STATE	06/24/99	5.508	GOOD	7,900	\$11,376,000
2249350	R	NELSON AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	1	CITY	03/14/00	5.176	GOOD	300	\$432,000
2249430	R	NEW DORP LANE	SIRT SOUTH SHORE	S	O	2	STATE	08/26/99	4.939	FAIR	7,600	\$10,944,000
2249269	R	PAGE AVE	SIRT SOUTH SHORE	S	O	4	STATE	08/16/99	6.375	VGOOD	30,420	\$43,804,800
2249270	R	RICHMOND VALLEY ROAD	SIRT SOUTH SHORE	S	O	4	STATE	08/11/99	5.418	GOOD	9,300	\$13,392,000
2240350	R	RICHMOND AVE	RICHMOND CREEK		W	3	STATE	08/10/99	6.056	VGOOD	32,589	\$46,928,160
2249420	R	ROSE AVE	SIRT SOUTH SHORE	S	O	2	STATE	08/24/99	5.591	GOOD	3,800	\$5,472,000
2249410	R	ROSS AVE	SIRT SOUTH SHORE	S	O	2	STATE	08/25/99	5.500	GOOD	3,800	\$5,472,000
2249290	R	SEGUINE AVE	SIRT SOUTH SHORE	S	O	1	STATE	08/13/99	5.953	GOOD	2,200	\$3,168,000
2249120	R	SIMONSON AVE	B&O RAILROAD	O	O	3	STATE	05/18/99	6.111	VGOOD	5,819	\$8,379,360
2249860	R	SLATER BLVD	NEW CREEK		WO	1	STATE	06/02/99	4.224	FAIR	3,500	\$5,040,000
2249200	R	SOUTH AVE	B&O RAILROAD	O	O	5	STATE	06/09/00	2.469	POOR	10,100	\$14,544,000
2249040	R	TOMPKINS AVE	B&O RR (ABANDONED)		O	1	STATE	02/29/00	6.515	VGOOD	5,096	\$7,338,240
2249510	R	TOMPKINS AVE	WILLOW AVE, SIRT	S	O	2	STATE	06/21/00	5.915	GOOD	5,378	\$7,744,320
2249840	R	TOMPKINS AVE	GREENFIELD AVE		O	1	STATE	03/01/00	5.744	GOOD	2,562	\$3,689,280
2249230	R	TRACY AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	9	CITY	03/13/00	3.968	FAIR	200	\$288,000
2249870	R	TRAVIS AVE	MAIN CREEK		WO	1	STATE	02/21/00	4.218	FAIR	1,700	\$2,448,000
2249170	R	UNION AVE	B&O RAILROAD	O	O	4	STATE	05/27/99	5.426	GOOD	6,500	\$9,360,000
2249130	R	VAN NAME AVE	B&O RAILROAD	O	O	3	STATE	06/22/00	5.389	GOOD	5,474	\$7,882,560
2249140	R	VAN PELT AVE	B&O RAILROAD	O	O	3	STATE	05/20/99	5.847	GOOD	5,000	\$7,200,000
<b>759 BRIDGES</b>						<b>4630</b>	<b>SPANS</b>					<b>\$20,923,432,320</b>

**STATEN ISLAND CULVERTS**

<b>BIN</b>	<b>BORO</b>	<b>FEATURE CARRIED</b>	<b>FEATURE CROSSED</b>	<b>RAIL ROAD</b>	<b>BRIDGE TYPE</b>	<b>SPANS</b>	<b>SOURCE</b>
R00003	R	DELAFIELD AVE	RAYMOND PLACE		O	1	CITY
R00004	R	DICKIE AVE	NEAR COLUMBUS PLACE		O	1	CITY
R00005	R	BIDWELL AVE	COLUMBUS PLACE		O	1	CITY
R00006	R	LIVERMORE AVE	WATCHOGUE ROAD		O	1	CITY
R00010	R	GALLOWAY AVE	MARIANNE ST		O	1	CITY
R00011	R	FOREST AVE	CRYSTAL AVE		O	1	CITY
R00013	R	NAUGHTON AVE	PATTERSON AVE		O	3	CITY
R00015	R	OLYMPIA BLVD	SLATER AVE		O	1	CITY
R00016	R	GRAHAM BLVD	JAY ST		O	2	CITY
R00021	R	HUNTER AVE	IDLEPLACE		O	1	CITY
R00022	R	IDLEPLACE	HUNTER AVE		O	1	CITY
R00023	R	MIDLAND AVE	HYLAN BLVD		O	1	CITY
R00024	R	LINCOLN AVE	SANILAC ST		O	1	CITY
R00025	R	GREELEY AVE	SANILAC ST		O	1	CITY
R00027	R	ELEANOR ST	ROCKLAND AVE		O	1	CITY
R00031	R	TARLTON ST	GREAT KILLS LANE		O	1	CITY
R00032	R	SEGUINE AVE	PURDY PLACE		O	1	CITY
R00034	R	ROCKLAND AVE	BRIELLE AVE		O	1	CITY
R00035	R	BRADLEY AVE	WILLOWBROOK ROAD		O	1	CITY
R00036	R	AMBOY ROAD	ARBUTUS AVE		O	1	CITY
R00038	R	MAGUIRE AVE	DEPEW PLACE		O	1	CITY
R00039	R	MAGUIRE AVE	DEPEW PLACE		O	1	CITY
R00040	R	113 MAGUIRE AVE	DEPEW PLACE		O	1	CITY
R00041	R	93 FOSTER ROAD	AMBOY ROAD		O	1	CITY
R00042	R	LEDYARD PLACE	LACONIA AVE		O	1	CITY
R00044	R	REID AVE	HURBERT ST		O	1	CITY
R00046	R	RICHMOND TERRACE	SNUG HARBOUR		O	2	CITY
R00047	R	SIMONSON AVE	WALKER ST		O	1	CITY
R00048	R	VAN NAME AVE	WALKER AVE		O	1	CITY
R00049	R	VAN PELT AVE	WALKER ST		O	1	CITY
R00050	R	UNION AVE	NETHERLAND AVE		O	1	CITY
R00051	R	HARBOR ROAD	DUBLIN PLACE		O	1	CITY
R00055	R	TRAVIS AVE	VICTORY BLVD		O	1	CITY
R00056	R	RICHMOND TERR	WESTERN AVE		WO	1	CITY
R00059	R	WESTERN AVE	RR BRIDGE		WO	1	CITY
R00060	R	SIGNS ROAD	VICTORY BLVD		O	1	CITY
R00062	R	KISSEL AVE	SNUG HARBOR ROAD		O	1	CITY
R00065	R	HENDERSON AVE	WESTBURY AVE		O	1	CITY
R00068	R	FOREST AVE	RANDALL AVE		O	1	CITY
R00069	R	GREGG PLACE	RANDALL AVE		O	1	CITY
R00076	R	ROOSEVELT AVE	HAROLD ST		O	1	CITY
R00077	R	BUCHANAN AVE	HAROLD ST		O	1	CITY
R00078	R	WILLOW BROOK ROAD	FILLMORE AVE		O	1	CITY
R00079	R	FILLMORE AVE	WILLOW BROOK ROAD		O	1	CITY
R00084	R	ARTHUR KILL ROAD	MULDOON AVE		O	1	CITY
R00085	R	ARTHUR KILL ROAD	150' N.W. ELLIS ROAD		O	1	CITY
R00086	R	ARTHUR KILL ROAD	ENGLEWOOD ST		O	1	CITY
R00095	R	MEISNER AVE	ROCKLAND AVE		O	1	CITY
R00096	R	ROCKLAND AVE	MANOR ROAD		O	1	CITY

**STATEN ISLAND CULVERTS**

<b>BIN</b>	<b>BORO</b>	<b>FEATURE CARRIED</b>	<b>FEATURE CROSSED</b>	<b>RAIL ROAD</b>	<b>BRIDGE TYPE</b>	<b>SPANS</b>	<b>SOURCE</b>
R00097	R	RICHMOND HILL ROAD	RICHMOND ROAD		O	1	CITY
R00101	R	ST ANDREWS ROAD	LIGHTHOUSE AVE		O	1	CITY
R00103	R	AULTMAN AVE	ST GEORGE ROAD		O	2	CITY
R00104	R	ST. GEORGE ROAD	ASCOTT AVE		O	1	CITY
R00106	R	ARTHUR KILL ROAD	RICHMONDTOWN ROAD		O	1	CITY
R00111	R	ELTINGVILLE BLVD	KATAN AVE		O	2	CITY
R00114	R	SWEET BROOK ROAD	RIDGEWOOD ROAD		O	1	CITY
R00115	R	VICTORY BLVD	CLOVES LAKE PARK		O	3	CITY
R00122	R	ARTHUR KILL ROAD	RIDGEWOOD AVE		O	1	CITY
R00129	R	LAMOKA AVE	DEMOPOLIS AVE		O	1	CITY
R00130	R	DEMOPOLIS AVE	LAMOKA AVE		O	2	CITY
R00133	R	ARDEN AVE	HALPIN AVE		O	1	CITY
R00135	R	HYLAN BLVD	CORNELIA AVE		O	1	CITY
R00136	R	SNUG HARBOR ROAD	KISSEL AVE		O	1	CITY
R00137	R	RICHMOND TERRACE	WESTERN AVE		O	2	CITY
R00138	R	HOLLAND AVE	BENJAMIN PLACE		O	1	CITY
R00139	R	DE PEW PL	MAGUIRE AVE		O	1	CITY
R00141	R	ALTER AVE	STORM&GRND FED STREAM		O	1	CITY

## GLOSSARY

A brief glossary of those terms most commonly used in bridge design, construction and maintenance is presented below. Cross-references are indicated through the use of BLOCK LETTERING.

### **ABUTMENT**

Walls of reinforced concrete or masonry. Abutments support a bridge's SUPERSTRUCTURE and APPROACHES, as well as retain the embankments that are positioned at the extreme ends of a multi-span bridge.

### **ANCHORAGE**

A solid mass, usually comprised of concrete, that encases a grillage of heavy steel bars into which the ends of a suspension bridge's main cables are anchored. Anchorages are designed to resist the pull of the cables.

### **APPROACH**

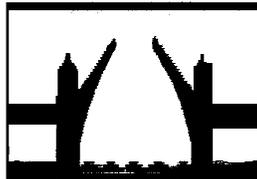
Roadway at each end of a bridge, beyond the ABUTMENT providing access to the bridge.

### **ARTERIAL BRIDGE**

Any bridge over or under which an arterial highway runs as it crosses streets, water, railroads, etc.

### **BASCULE BRIDGES**

Bascule bridges are movable bridges, typically referred to as "draw bridges" which rotate the superstructure vertically. The movable leaf of the structure - known as a *bascule* - is counterbalanced by weights of such size that minimal power is required for operation - just enough to overcome inertia, frictional resistance, wind and snow loads. Such bridges are relatively speedy to operate and provide unlimited vertical clearance. Examples of bascule bridges currently under the jurisdiction of the New York City Department of Transportation include the Unionport, **Pelham**, Hamilton Avenue, Third Street, Union Street, and Greenpoint Avenue Bridges.



### **BEARINGS**

Designed to transmit the load from the SUPERSTRUCTURE to the SUBSTRUCTURE. Divided into two types, expansion and fixed, bearings are needed to ensure that certain elements are not forced to take more load than that for which they were designed and that the bridge can move slightly under load and temperature changes as needed.

## **BID**

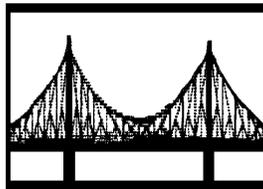
A contractor's formal proposal, including prices, to perform the work set out in the project SPECIFICATIONS.

## **CABLE**

A steel rope, composed of parallel or twisted wires, used to support the road deck of SUSPENSION BRIDGES or cable stayed bridges.

## **CANTILEVER BRIDGES**

Bridges of this type are economical to build because they require less material in construction and less condemnation of property is necessary for the narrow piers which are sufficient for support. Typically, no falsework is required during construction and the bridge does not exceed 1,800 feet in length. NYCDOT's **Queensboro Bridge** is a notable example of this type of structure.



## **CHANGE ORDER**

An approved modification of the SPECIFICATIONS or the costs in a construction contract.

## **CULVERT**

Any structure under the roadway with a clear opening of twenty feet or less, measured along the center of the roadway.

## **DECK**

The supporting slab and wearing surface of a bridge.

## **DESIGN-BUILD CONTRACTS**

A delivery procedure where one company is retained to perform both design and construction, thus expediting the capital bridge rehabilitation program.

## **ELECTRICAL MAINTENANCE**

Preventive maintenance to electrical systems on the East River bridges (e.g., travelers, lighting systems) and the movable bridges (e.g., contacts, relays, switches, controls, limit switches, and lighting systems).

## **EXPANSION JOINTS**

Located throughout a bridge, expansion joints are located in the deck, directly above the BEARINGS. Expansion joints allow parts of the structure to expand independently and therefore relieve stresses that may otherwise cause damage.

## **FIXED PRICE CONTRACT**

A contract with an overall predetermined price for the project work.

## **FLAG CONDITIONS**

A "Flag" is a hazardous or potentially hazardous condition on a bridge. A "Flag" is classified as either Red, Yellow, or Safety. A "Red Flag" requires prompt evaluation and, possibly, corrective action. A "Yellow Flag" is used to report a potentially hazardous structural condition, which if left unresolved will most likely become a danger to the soundness of the bridge and a hazard to the public. In the case of a "Safety Flag", there is no danger of partial or complete structural failure of the bridge; however, if left unattended, those conditions can present a vehicular or pedestrian hazard.

## **FULL STEEL PAINTING**

A bridge painting technique that involves solvent cleaning and cleaning of steel surfaces using approved environmentally safe paint removal techniques (blasting, power tools, or hand tools). A full primer, intermediate and finish coat are applied using combinations of brush, roller, or (if necessary) spray painting.

## **GENERAL CONTRACTOR**

has overall responsibility for a construction project. The general contractor may break down the project into smaller pieces to be handled by subcontractors.

## **GIRDER SPAN BRIDGES**

are primarily employed in bridging short distances, and may be classified as either simple or continuous. The steel girders carry the roadway and roadway load to end supports. The Midtown Highway, Hook Creek, Little Neck and Brooklyn Third Avenue Bridges are of this type.



## **LUBRICATION MAINTENANCE**

Lubrication of mechanical parts of the East River bridges (e.g., travelers, cables, solid rod suspenders, and eye bars), and the movable bridges (e.g., bearings, brakes, limit switches, and gates).

## **MASONRY**

Construction materials made of concrete, brick, or stone.

## **MOVABLE BRIDGE**

A type of bridge which carries vehicular or pedestrian traffic over a navigable waterway, and which opens to permit the passage of a ship, barge or boat.

## **NECKLACE LIGHTS**

The necklace lights are those lights on the main cables of suspension bridges which, when illuminated at night, resemble a necklace.

**PIER**

Part of a bridge's substructure, piers are the intermediate supports or columns which support a multi-span bridge. Piers may be composed of steel or reinforced concrete, and can appear as columns or solid walls.

**PILES**

A concrete, steel or timber column located beneath the footings of a bridge and embedded in the soil. Piles are employed in bridges only if the soil directly below the footing is not firm enough to support the bridge loads.

**PREVENTIVE MAINTENANCE**

Extends the useful life of a bridge and reduces the need for capital reconstruction expenditures and the associated vehicular traffic problems, including lane closures and congestion. Preventive maintenance tasks on the bridges include: the cleaning of drainage systems, gratings, and expansion joints; the washing of the deck area and salt splash zones; full-steel, salt splash, and spot painting; the patching of sidewalks; the maintenance of electrical devices; and the oiling of mechanical components.

**PRIMER**

The first layer of paint used to cover the unsealed surface. This is followed by at least one more coat of paint.

**PUNCH LIST**

A catalogue of minor items still outstanding towards the end of a construction project.

**RAILROAD FORCE ACCOUNTS**

Railroad force accounts are contracts between the Agency and railroads by which the railroads supply flag personnel so the Division can perform repair work on bridges that cross over railroad tracks.

**REBAR, or REINFORCING BAR**

Steel bars placed within concrete to add strength to the structure.

**RECONSTRUCTION**

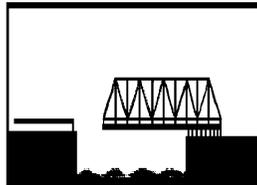
A bridge is considered "reconstructed" when its major elements - including the road DECK, TOWERS, CABLES and PIERS - are totally replaced.

**REHABILITATE**

A bridge is considered "rehabilitated" when its existing elements are strengthened with minor replacements.

## **RETRACTILE BRIDGES**

Retractile bridges are movable bridges which are mounted on tracks that are positioned to one side of a navigational channel. To open, the bridge is withdrawn or "retracted" to shore. Although fascinating to observe and efficient to operate, retractile bridges are considered obsolete because of the expansive land areas that must be condemned in order to accommodate their tracks. The New York City Department of Transportation currently possesses two retractile bridges - the **Borden Avenue** and Carroll Street bridges, rare examples of the bridge builders' art.



## **SALT SPLASH ZONE PAINTING**

A bridge painting concern that involves solvent cleaning of areas that have started to show deterioration due to the effects of accumulated de-icing agents. A spot PRIMER coat, full intermediate coat and finish coat are applied using either a brush or roller.

## **SPALLING**

The flaking or breaking out of concrete parallel to the main surface.

## **SPAN**

The distance between consecutive supports of a bridge.

## **SPECIFICATIONS OR SPECS**

A detailed listing of required construction materials and methods to be used in the project. This information is a supplement to the blue prints and working drawings.

## **SPOT PAINTING**

A bridge painting technique that involves preparation of the area to be painted by solvent cleaning and cleaning with hand tools in areas of paint deterioration. A spot PRIMER and a single finish coat are applied using either a brush or roller.

## **STEEL ARCH BRIDGES**

Steel arch bridges consist of either a single arch or a series of arches fashioned from steel or concrete. Aesthetically one of the more attractive bridge types. Arch structures can prove economical to construct if the bridge spans between high ABUTMENTS. At present, there is only one bridge of this kind in steel under the guardianship of the NYCDOT; the twin-arched **Washington Bridge**, positioned over the Harlem River at 181<sup>st</sup> Street. This bridge opened to traffic in December 1888 and, with its approaches, is 2,375 feet long.



## **STRINGER**

A part of a bridge's SUPERSTRUCTURE, a stringer is essentially a beam parallel to the span used to support the road DECK.

## **STRAND**

Comprised of hundreds of thin wires laid parallel to form a bundle, strands comprise the base element in the CABLES, or main cables, on a SUSPENSION BRIDGE or cable stayed bridge.

## **SUBSTRUCTURE**

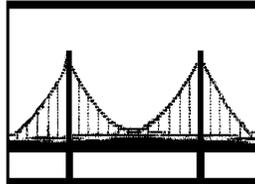
The name given to those elements below a bridge's road deck system, namely the ABUTMENTS, ANCHORAGES, BEARINGS, and PIERS.

## **SUPERSTRUCTURE**

The superstructure is all that part of a structure above the bearings of simple and continuous spans, skewbacks of arches and top of footings of rigid frames; excluding backwalls, wingwalls and wing protection railings.

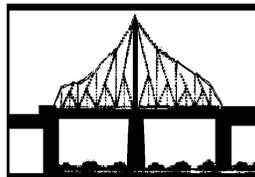
## **SUSPENSION BRIDGES**

Suspension bridges are high level bridges with spans that usually exceed 1,500 feet in length. Supported by large wire CABLES that are anchored to masses of concrete and which pass over the tops of towers, the road DECK is suspended at regular intervals by smaller cables called suspenders. While the main cables carry the entire live and dead load, stiffening TRUSSES are required to distribute the live load and prevent excessive deflection at any point. The Brooklyn, Manhattan and **Williamsburg** Bridges are noted New York City examples of this type.



## **SWING BRIDGES**

Swing bridges are movable bridges that are supported on a center PIER in the center of a waterway, and are opened by rotating the SUPERSTRUCTURE horizontally on wheels riding on a circular track. Two channels are provided on either side of the bridge for navigational ease when the bridge is in the open position. Because swing bridges are slow to operate and restrict channel width, they are rarely constructed today. Examples of swing bridges in New York City include the Third Avenue, Madison Avenue, 145th Street, **University Heights**, Grand Street and Macombs Dam Bridges.



## **TIME AND MATERIALS CONTRACT**

A contract with individual prices for the various items, such as materials and labor.

## **TOWER**

Often the most majestic element in a SUSPENSION or cable stayed bridge, the **tower** serves as a support for the structure's main CABLES.



## **TRAVELER MAINTENANCE**

The maintenance of a traveler (movable gantry) that runs under the East River Bridges so maintenance, inspections and repairs can be performed to the underside of the bridge.

## **TRUSS**

A rigid framework built of interconnecting steel beams, creating a large "girder" to support the floor system and transfer loads to the substructure over a longer span.

## **TRUSS BRIDGES**

Truss bridges possess road decks that are supported by Steel TRUSSES that rest on PIERS and ABUTMENTS, and which span short distances. The 174th Street Bridge in the Bronx is an example of a truss bridge.

## **VERTICAL LIFT BRIDGES**

Vertical lift bridges are movable bridges which have road DECKS that operate in much the same fashion as an elevator. Comprised of supporting end CABLES that are attached at one end to the road DECK and at the other to rotating drums, these bridges are raised and lowered to allow for the safe passage of marine traffic. The **103rd Street - Wards Island Pedestrian Bridge**, Ninth Street Bridge, and Broadway Bridge are examples of this type of bridge.



## **VIADUCT BRIDGES**

Containing two spans and any number of intermediate SPANS, viaducts possess end spans that are supported by ABUTMENTS, and intermediate spans held aloft by PIERS.

## *COMPONENTS OF THE PREVENTIVE MAINTENANCE PROGRAM\**

### **Bridge Protection through Dirt and Water Control**

**Cleaning of Abutment and Pier Tops** Removal of debris, dirt and vegetation from abutment and pier tops; cleaning and lubrication of bridge bearings.

**Debris Removal** Removal of spilled trash; removal of rocks, wood, plastic or metal objects, tires, mufflers, wheel covers, and other traffic droppings; removal of paper products, bottles, cans, accumulated dirt and other trash. Debris removal is also required for walkways and plazas. For movable bridges and bridges over water, the protective fender systems need to be cleared of debris. The removal of debris from bridges is an important and critical component of maintenance. Debris can cause safety and hazard conditions. In addition, debris traps moisture and salts on the structure and prevents proper drainage.

**Cleaning of Drainage System** Removal of debris, dirt and vegetation from drainage systems, including gutter gratings, gutters and leaders, scuppers, down spouts and scupper piping systems. The cleaning of surface gratings and gutters requires hand tools, brooms and brushes. In some cases, an air compressor might be needed to blow out some gutters. Cleaning the scuppers and scupper piping systems requires sewer cleaners.

**Cleaning of Expansion Joints** Removal of debris and dirt from the troughs using compressed air or water; and cleaning and resealing of the joints. Performed on all bridges. Expansion joints are located at the surface level where they are subjected to impact and vibration and are exposed not only to the elements such as water, dust, grit, ultra-violet rays and ozone, but also to the effect of chemicals such as salt solutions, cement alkalis and petroleum derivatives. In addition to regular lubrication of moving parts, penetration of water, silt and grit must be effectively prevented or provision made for their removal.

**Cleaning of Open Grating Decks** Removal of debris and dirt from open-grating decks and washing with high pressure water jets.

**Sweeping** Sweeping each bridge with a mechanical sweeper along each curb.

**Washing of Decks and Salt Splash Zones** Washing of decks and salt splash zones to remove remnants of de-icing salts; use of compressed air and water jets to clean tight corners.

### **Roadway Surface Maintenance**

**Crack Sealing in Pavement and Curblin Sealing** Cleaning of cracks and filling them with sealant; sealing with mastic material along the curb line to prevent water leakage onto bridge components. This maintenance function is sensitive to weather conditions.

**Repair of Sidewalks and Curbs** Sidewalk repair to restore sidewalk to original condition. Curb repair to be undertaken along with this task.

**Replacement of Wearing Surfaces** Removal of old wearing surface; preparation of exposed concrete slab or steel plate; installation of new wearing surface. The wearing surface is a two-inch course of bituminous concrete. Also includes minor deck repair, cleaning and waterproofing of deck.

## COMPONENTS OF THE PREVENTIVE MAINTENANCE PROGRAM\*

### Electrical and Mechanical Component Maintenance of the 4 East River Bridges and 24 Movable Bridges

**Maintenance of Electrical Devices** Checking and servicing electrical systems such as travelers, relays, auxiliary contacts, meters, overload relays, time delay relays, span and tail locks, brake systems, transmitters, transformers, fuses, wiring, resistors, etc. Also includes checking interior anchorage lighting, caution lighting, navigation lighting, and necklace lighting. During inspection, the travelers of the East River Bridges are operated to ensure proper calibration of electric motors. If motors are not calibrated properly, the travelers may rotate and jam along their guides. Many of the movable bridges are very old and replacement parts are difficult to find or may not be available any longer. Therefore, in addition to inspection of systems, the electrical technicians replace poor condition components with electric systems before corrective maintenance is required. This preventive maintenance strategy avoids disruption of bridge service to motorists. This is important, as once corrective maintenance is necessary, it may require the bridge to be out of service for lengthy periods.

**Maintenance of Mechanical Components** Cleaning and lubrication of all movable parts and bridge cables for the four East River Bridges and the 24 movable bridges. Cleaning and lubrication of travelers; cleaning, wedging and oiling of the main cable strands and eyebars; cleaning of truss bearings; cleaning and lubricating air and fire line valves. Cleaning and lubrication is required to keep components from corroding and becoming immobile. Allowing components to seize could cause operating failure and introduce unsafe structural stresses.

### Steel Protection – Painting

**Total Lead Paint Removal and Painting** Constructing negative pressure containment (Class A); washing and surface blasting to near-white metal condition (SSPC SP-10); lead monitoring and disposal; applying lead-free paint; primer, intermediate coat and top coat. Surface preparation is accomplished with a combination of abrasive blasting and hand and mechanical tools in a manner of maximum efficiency. The containment materials include tarps, plywood, cables, dust collector filters, and ductwork.

**Spot Lead Paint Removal and Overpainting (Includes Salt Splash Zones)** Construction containment (Class C); washing and removing paint using vacuum-shrouded tools in areas of paint deterioration; lead monitoring and disposal; applying lead-free primer, intermediate coat and finishing coat at spot location; overpainting the remaining steels by two coats of lead-free paint. Class A containment is used if abrasive blasting is required.

**Total Painting of Lead-Free Steel** Constructing containment (Class B); washing and surface blasting to near-white metal (SSPC SP-10); applying a primer, intermediate coat and top coat. Surface preparation is accomplished with a combination of abrasive blasting and hand and mechanical tools in a manner of maximum efficiency.

**Spot Painting of Lead-Free Steel (Includes Salt Splash Zones)** Constructing containment (Class C); washing and removing paint using hand tools in areas of paint deterioration; applying a primer, intermediate, and finishing coats at spot locations.

\*Consortium of Civil Engineering Departments of New York City Colleges and Universities. *Preventive Maintenance Management System For New York City Bridges: Update 1998. Technical Report No. 98-1. 1999.*

## MAINTENANCE PERSONNEL RESOURCES IN 2000

Preventive maintenance, corrective repair, flag repair, and painting work on the bridges and other structures within the City is performed by mechanics and supervisors in a variety of trades. The bridge operators provide safe and expedient passage to all marine and vehicular traffic under and on movable bridges. A breakdown of this work force by trade is:

	SUPERVISORS	MECHANICS
BRICKLAYER	2	5
BRIDGE OPERATORS (INCLUDES ASSISTANTS)	21	72
BRIDGE PAINTERS	5	43
BRIDGE REPAIRERS/RIVETERS	5	41
CARPENTERS	3	11
CEMENT MASONS	-	8
DEBRIS REMOVER	-	1
ELECTRICIANS (INCLUDES HELPERS)	3	20
HIGHWAY REPAIRERS (INCLUDES ASSISTANTS & SEASONAL WORKERS)	20	98
MACHINISTS	-	2
MOTOR GRADER OPERATOR	-	1
OILERS	-	14
STATIONARY ENGINEERS (ELECTRIC)	-	2
TRACTOR OPERATOR	-	1
TRAFFIC DEVICE MAINTAINERS	-	10
<b>TOTALS</b>	<b>59 SUPERVISORS</b>	<b>329 MECHANICS</b>

## MAINTENANCE PERSONNEL RESOURCES IN 1900

A breakdown of the Department of Bridges work force by trade in 1900:

	SUPERVISORS	MECHANICS
AXEMAN		8
BLACKSMITH	1	2
BOILERMAKER		1
BRICK MASON	1	4
BRIDGE TENDER	15	137
CARPENTER	1	23
DOCKBUILDER		1
DRIVER		11
FIREMAN		18
FITTER		3
GATEMAN		7
INSPECTOR (INCLUDING STEEL)		10
LABORER (INCLUDES HELPERS)	7	111
LEVELER		4
LINEMAN		3
MACHINIST (INCLUDING HELPERS)		13
MASONRY INSPECTOR		7
MECHANIC	1	2
PAINTER	1	16
RIGGER		11
RIVETER	1	6
RODMAN		4
SHIP CARPENTER		4
SOUNDER		4
STABLEHAND		3
STEAM ENGINEER (INCLUDES DYNAMO)		15
STONE CUTTER/STONE MASON	1	2
SUPERINTENDENT ELECTRIC LIGHT	1	
SUPERVISOR (INCLUDES ASSTS)	12	
TOOLMAN		2
TRANSITMAN		7
TRIMMER		2
<b>TOTALS</b>	<b>42 SUPERVISORS</b>	<b>441 MECHANICS</b>

# A Message from the First Bridges Commissioner

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January 30, 1901

To Honorable Robert A. Van Wyck, Mayor of The City of New York:

Sir – Pursuant to requirements of section 457 of the Greater New York Charter, I, John L. Shea, Commissioner of Bridges of The City of New York, do respectfully report the business and transactions of the Department of Bridges for the year ending December 31, 1900.

The beginning of the twentieth century finds The City of New York well equipped in the number and character of its bridges. Many of the antiquated bridges existing prior to the consolidation of the present boroughs have given way to modern and more useful as well as ornamental structures, greatly adding to the comfort and convenience of its citizens, and the vast amount of traffic handled daily. Electricity has supplanted hand power in the working of many of the smaller bridges, thus saving much valuable time in their operation, particularly in the Borough of Brooklyn. This power will be provided also for the bridges under construction, where practicable.

There are in the Department, in all boroughs, seventy-eight bridges under maintenance.

At the time of the organization of the Department there were throughout the City four hundred and thirty-nine bridges, but as many of these were connected with the street system of the City, they were transferred to the Department of Highways....

*[Intermediate sections omitted for brevity.]*

...I append hereto the reports of the Chief Engineer of the Department, and the Chief Engineer and Superintendent of the New York and Brooklyn Bridge, which contain a full and accurate account of the workings of their respective bureaus and need no comment from me. I also append the reports of the Assistant Engineers in immediate charge of the various bridges throughout the different boroughs of the City, in which details as to the construction, maintenance and repairs are specifically set forth.

Respectfully submitted,  
John L. Shea  
Commissioner of Bridges

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1900 ANNUAL REPORT BRIDGE INVENTORY				
#	NAME	WATER CROSSED	TERMINALS	VARIETY
1	NEW YORK AND BROOKLYN	EAST RIVER	PARK ROW, MANHATTAN & WASHINGTON STREET, BROOKLYN	SUSPENSION
2	HARLEM SHIP CANAL	HARLEM SHIP CANAL	BROADWAY, MANHATTAN & BROADWAY, MANHATTAN	DRAW
3	SPUYTEN DUYVIL CREEK	SPUYTEN DUYVIL CREEK	BROADWAY, MANHATTAN & BROADWAY, BRONX	SLATE GIRDER
4	WASHINGTON	HARLEM RIVER	W 181ST ST, MANHATTAN & AQUEDUCT AVE, BRONX	STEEL ARCH
5	NEW YORK AND PUTNAM RAILROAD BRIDGE APPROACHES	HARLEM RIVER	8TH AVE, MANHATTAN & SEDGWICK AVE, BRONX	STEEL ARCH
6	MACOMB'S DAM	HARLEM RIVER	155TH ST, MANHATTAN & JEROME AVENUE	DRAW
7	MADISON AVENUE	HARLEM RIVER	MADISON AVE, MANHATTAN & E 138TH ST, BRONX	DRAW
8	THIRD AVENUE	HARLEM RIVER	THIRD AVE, MANHATTAN & BRONX	DRAW
9	SECOND AVENUE (SIDEWALKS)	HARLEM RIVER	SECOND AVE, MANHATTAN	DRAW
10	MOTT HAVEN CANAL	MOTT HAVEN CANAL	E. 135TH ST, MANHATTAN	DRAW (BOBTAIL)
11	CROMWELL'S CREEK	CROMWELL'S CREEK	E. 165TH ST, BRONX	TRESTLE
12	TREMONT AVENUE	BRONX RIVER	TREMONT AVE, BRONX & WEST FARMS RD, BRONX	BOWSTRING
13	WESTCHESTER CREEK	WESTCHESTER CREEK	MAIN ST, BRONX	STRINGER
14	CITY ISLAND (OLD)	PELHAM BAY NARROWS	PELHAM BAY PARK & CITY ISLAND	DRAW
15	TIBBITT'S BROOK	TIBBITT'S BROOK	RIVERDALE AVE, BRONX	DECK STRINGER
16	UNIONPORT DRAWBRIDGE	WESTCHESTER CREEK	6TH ST & EASTERN BLVD, BRONX	DRAW
17	WILLIAMSBRIDGE	BRONX RIVER	OLIN AVE & GUNHILL RD, BRONX	PONY TRUSS
18	WESTCHESTER AVENUE (TEMPORARY)	BRONX RIVER	WESTCHESTER AVE & TURNPIKE, BRONX	PONY DRAW
19	SAMUEL STREET	BRONX RIVER	SAMUEL ST & WEST FARMS RD, BRONX	PONY TRUSS
20	WESTCHESTER TURNPIKE	BARRETTO CREEK	WESTCHESTER TURNPIKE, BRONX	STRINGER
21	HUTCHINSON'S RIVER	HUTCHINSON'S RIVER	BOSTON POST ROAD, BRONX	DRAW
22	BROADWAY	TIBBITT'S BRROK	BROADWAY, BRONX	MASONRY ARCH
23	SECOND STREET	BRONX RIVER	2ND ST, WILLIAMSBRIDGE, BRONX	FOOT BRIDGE
24	WOODLAWN	BRONX RIVER	233RD ST & 19TH AVE, BRONX	LATTICE
25	KINGSBRIDGE	SPUYTEN DUYVIL CREEK	KINGSBRIDGE AVE, BRONX & MANHATTAN	WOODEN
26	FARMER'S	SPUYTEN DUYVIL CREEK	KINGSBRIDGE RD, BRONX & FARMER'S BRIDGE RD, MANHATTAN	WOODEN
27-40	14 SMALL UNNAMED	SMALL CREEKS & STREAMS	BRONX	2 ARCH, 11 STRINGER & 1 TRESTLE
41	VERNON AVENUE	NEWTOWN CREEK	COMMERCIAL AVE, BROOKLYN & VERNON AVE, QUEENS	DRAW
42	GREENPOINT AVENUE (BLISSVILLE)	NEWTOWN CREEK	GREENPOINT AVE, BROOKLYN & QUEENS	DRAW
43	MEEKER AVENUE	NEWTOWN CREEK	MEEKER AVE, BROOKLYN & QUEENS	DRAW
44	GRAND STREET	NEWTOWN CREEK	GRAND ST, BROOKLYN & QUEENS	DRAW
45	METROPOLITAN AVENUE	NEWTOWN CREEK	METROPOLITAN AVE, BROOKLYN & QUEENS	WOODEN TRESTLE
46	BORDEN AVENUE	DUTCH KILLS CREEK	BORDEN AVE, QUEENS	DRAW
47	HUNTER'S POINT AVENUE	DUTCH KILLS CREEK	HUNTER'S POINT AVE, QUEENS	DRAW
48	THOMPSON AVENUE	DUTCH KILLS CREEK	THOMPSON AVE, QUEENS	STONE & BRICK ARCH

1900 ANNUAL REPORT BRIDGE INVENTORY				
#	NAME	WATER CROSSED	TERMINALS	VARIETY
49	CLINTON ROAD	ENGLISH KILLS CREEK	CLINTON RD, QUEENS	WOODEN TRESTLE
50	LOCUST AVENUE	BEAVER CREEK	LOCUST AVE & ROCKAWAY RD, QUEENS	WOODEN TRESTLE
51	FLUSHING CREEK	FLUSHING CREEK	JACKSON AVE & BROADWAY, QUEENS	DRAW
52	STRONG'S CAUSEWAY	HORSE BROOK	FLUSHING & CORONA, QUEENS	DRAW
53	LITTLE NECK	ALLEY CREEK	BROADWAY, QUEENS	DRAW
54	NORTON'S CREEK	NORTON'S CREEK	FAR ROCKAWAY & EDGEMERE, QUEENS	DRAW
55	MILL CREEK	MILL CREEK	RICHMOND TERRACE, RICHMOND	STONE ARCH
56	LEMON CREEK (PRINCESS BAY)	LEMON CREEK	RICHMOND	DRAW
57	FRESH KILLS	RICHMOND CREEK	SOUTH BROADWAY, RICHMOND	DRAW & TRESTLE
58	WESTERN AVENUE	BRIDGE CREEK	WESTERN AVENUE, RICHMOND	WOODEN TRESTLE
59	HAMILTON AVENUE	GOWANUS CANAL	HAMILTON AVE, BROOKLYN	SWING
60	NINTH STREET	GOWANUS CANAL	9TH ST, BROOKLYN	SWING
61	THIRD STREET	GOWANUS CANAL	3RD ST, BROOKLYN	SWING
62	CARROLL STREET	GOWANUS CANAL	CARROLL ST, BROOKLYN	BOSTON DRAW
63	UNION STREET	GOWANUS CANAL	UNION ST, BROOKLYN	SWING
64	WASHINGTON AVENUE	WALLABOUT CANAL	WASHINGTON AVE, BROOKLYN	BOSTON DRAW
65	METROPOLITAN AVENUE	NEWTOWN CREEK BRANCH	METROPOLITAN AVE, BROOKLYN	SWING
66	HARWAY AVENUE	CONEY ISLAND CREEK	W 18TH & W 17TH STS, BROOKLYN	BASCULE
67	THIRD AVENUE	GOWANUS CANAL BRANCH	3RD AVENUE, BROOKLYN	FIXED SPAN
68	KENT AVENUE	BUSHWICK CREEK	KENT AVE, BROOKLYN	FIXED SPAN
69	BARREN ISLAND	TIDAL CREEK	BARREN ISLAND, BROOKLYN	FOOT BRIDGE
70	OCEAN AVENUE FOOTBRIDGE	CONEY ISLAND CREEK	SHEEPSHEAD BAY & MANHATTAN BEACH, BROOKLYN	FOOT BRIDGE
71	EMMONS AVENUE	CONEY ISLAND CREEK	EMMONS AVE, BROOKLYN	TRESTLE
72	KINGSLAND AVENUE	NEWTOWN CREEK BRANCH	KINGSLAND AVE, BROOKLYN	TRESTLE
73	OLD MILL	BETTS CREEK	OLD MILL RD, BROOKLYN	TRESTLE
74	SHELL ROAD	CONEY ISLAND CREEK	SHELL RD, BROOKLYN	TRESTLE
75	KOWENHOVEN LANE	BEDFORD CREEK	KOWENHOVEN LANE, BROOKLYN	TRESTLE
76	SHELL ROAD (BERGEN BEACH)	TIDAL CREEK	SHELL RD, BROOKLYN	TRESTLE
77	CONEY ISLAND AVENUE	CONEY ISLAND CREEK	CONEY ISLAND AVE, BROOKLYN	TRESTLE
78	GRAVESEND BEACH LANE	TOWN CREEK	GRAVESEND BEACH LANE, BROOKLYN	TRESTLE

At the time of the organization of the Department of Bridges, there were throughout the City 439 bridges, but as many of these were connected with the street system of the City, they were transferred in 1898 to the Department of Highways.

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# NEW YORK CITY

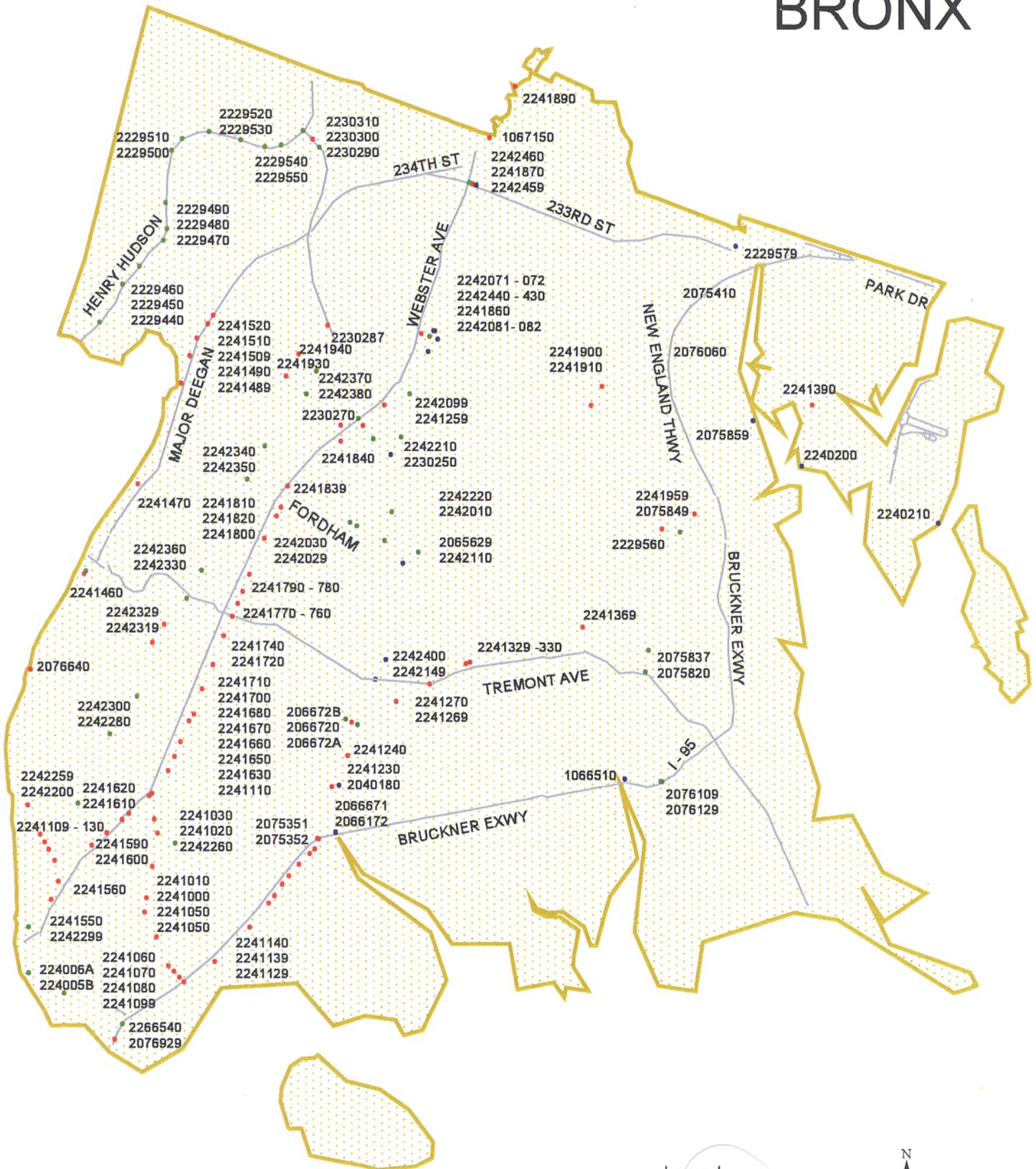


## Legend

- Land Bridge
- Waterway Bridge
- Railroad Bridge



# BRONX



- Legend
- Land Bridge
  - Waterway Bridge
  - Railroad Bridge



# BROOKLYN



**Legend**

- Land Bridge
- Waterway Bridge
- Railroad Bridge





# QUEENS



- Legend
- Land Bridge
  - Waterway Bridge
  - Railroad Bridge



