BRIDGE CAPITAL PROGRAM

East River Bridge Rehabilitation Plans	A-1
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MANHATTAN BRIDGE REHABILITATION ITEMS

TOTAL ESTIMATED COST

TOTAL ESTIMATED COST	
Repair floor beams. (1982)	Est. Cost (\$ in millions) 0.70*
• Replace inspection platforms, subway stringers on approach spans. (1985) 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 approach spans on east side; replace drainage system on approach spa install new lighting on entire upper roadways east side, including purchase fabricated material for west side of bridge. (1989) 	ns,
• Eyebar rehabilitation - Manhattan anchorage Chamber "C". (1988)	12.20*
Replacement of maintenance platform in the suspended span. (1982)	4.27*
• Reconstruct maintenance inspection platforms, including new rail and hand systems and new electrical and mechanical systems; over 2,000 interepairs to structural steel support system of lower roadway for fut functioning of roadway as a detour during later construction contracts. (199	rim ure
 Install anti-torsional fix on west side (main and side spans); west up roadway decks, replace drainage systems on west suspended and approa spans; walkway rehabilitation (install fencing, new lighting on west up roadways and walkways); rehabilitate cables in both Brooklyn and Manhat anchorage chambers; dehumidify Brooklyn and Manhattan anchorag (1997) 	ach per tan
Installation of test panels. (1982)	1.55****
• Removal of existing suspender ropes and sockets in the suspended spareplacement with new suspender ropes and sockets in the suspended spare and re-tensioning of suspender ropes bearing plates; re-tensioning of caband bolts; removal of existing main cable wrapping; cleaning of main cable application of new protective paste on main cables; replacement of new m cable wrapping; reinforcement of truss verticals and gusset plates. (2009)	ans ble es;
 Interim Steel Rehabilitation and Painting - cable and saddle repairs low roadway floorbeams @PP 37/38 on approaches and at anchorages; w side truss rockers and grillages on approaches; cable and suspender repa Removal of parking desk. Painting entire west side, all four cables. (2001) 	est

MANHATTAN BRIDGE

REHABILITATION ITEMS TOTAL ESTIMATED COST

Est. Cost (\$ in millions) 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. 175.38** (Present) 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) 160.50*** Seismic Retrofit (2009) 20.00*** TOTAL: \$ 788.70

- * 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. (2001)	216.93*
Cleaning and painting main bridge upper trusses. (In Progress)	167.75***
Miscellaneous Items (In Progress)	34.84**
Seismic Retrofit	15.00***

TOTAL: \$ 741.02

* Construction Complete ** In Construction

*** In Design

	WILLIAMSBURG BRIDGE REHABILITATION ITEMS	
		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 nort inner roadway. (1994)	h 4.12*
•	Rehabilitate main cables and new redundant suspender system. (1996)	88.30*
•	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 roadwar approach structures, rehabilitate south outer roadway deck and south inner roadway deck of the main bridge, and replace south inner roadwar substructure of the approaches. (1998)	er

	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. (2001)	14.90 (1)
•	Reconstruct BMT Subway structure; install new signals, tracks and communication system. (2000)	
		166.65*
•	Miscellaneous rehabilitation work: rehabilitation of towers, replace bearings, travelers, architectural work, painting of north and south trusses, suspender adjustment, tower jacking, construction of colonnades.	172.90**
•	Replace north approach structures (Manhattan / Brooklyn), and rehabilitate north half of bridge. (2002)	233.00**
•	Seismic Retrofit	10.00***
	TOTAL:	\$ 989.56

Construction CompleteIn 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 was 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)	11.50*
•	Arch supports for Franklin Square truss structure.	9.50*
•	Replacement of Suspended Span Deck (2000)	33.8*
•	Resurfacing of the main spans (1998)	6.67*

Est. Cost (\$ in millions)
4.50*
115.00**
74.00**
25.00**
7.20**

TOTAL: \$ 464.07

* Construction Complete

** In Design *** In Construction

BRIDGES UNDER CONSTRUCTION

CALENDAR YEAR 2003

CONTRACT # BRIDGE

HBX644R	Madison Avenue Bridge over the Harlem River
HBX663	3rd Avenue Bridge over Harlem River (& 3rd Avenue Ramp to Bruckner
	Boulevard)
HBX1030	East Tremont Avenue Bridge over Metro North RR
HBX1086B	Westchester Avenue Bridge over Hutchinson River Parkway
HBX1106	East 161st Street Bridge over Conrail Port Morris
HBE1023	Belt Parkway Bridge over Mill Basin (Emergency Contract)
HBK1024E	Belt Parkway Bridge over Paerdegat Basin (Emergency Contract)
HBK1035	Sutter Avenue Bridge over LIRR
HBK1036/1037	Atlantic Avenue Bridges (EB & WB) over East New York Avenue
HBK1039	15th Avenue Bridge over NYCT
HBK1040	18th Avenue Bridge over NYCT
HBK1048	8 th Avenue Bridge over LIRR & Sea Beach
HBK1095	Cortelyou Road Bridge over BMT Subway
HBK1098	7th Avenue Bridge over NYCT
HBK1132	2nd Avenue Bridge over LIRR
HBK1149	Metropolitan Avenue Bridge over English Kills
HBK1169	14th Avenue Bridge over LIRR
HBK1193	Belt Parkway Bridge over Ocean Parkway
HBK1196	Glenmore Avenue Bridge over LIRR Bay Ridge
HBK1097	Pitkin Avenue Bridge over LIRR
HBKC059	East 3rd Street Bridge over LIRR
HBKC063	52nd Street Bridge over LIRR
HBM1093	East 10th Street Pedestrian Bridge over FDR Drive
HBM1094	West 37th Street Bridge over Amtrak
HBQ432A	Honeywell Street Bridge over Amtrak and LIRR Yard
HBQ656	Cross Bay Boulevard Bridge over Conduit Boulevard
HBQ1110	91st Place Bridge over LIRR
HBQ1111	Grand Avenue Bridge over Conrail
HBQ1181/1182	Steinway Street Bridges over Grand Central Parkway WB & EB (Brooklyn-
	Queens Expressway)
HBQ1199	Andrews Avenue Bridge over LIRR
HBR659	Hylan Boulevard Bridge over Lemon Creek
BRC156C	Manhattan Bridge – Contract #10
BRC231C	Queensboro Bridge – Contract #6
BRC253CC	Williamsburg Bridge – Contract #8
BRX287R	Macombs Dam Bridge over Harlem River
HBMC023	Rehabilitation of electrical/mechanical components for First Avenue Tunnel, Park
	Avenue Tunnel, and Battery Park Underpass

BRIDGE CONSTRUCTION

	Projects Completed in Calendar Year 2003			
CONTRACT #	BRIDGE			
HBX644R	Madison Avenue Bridge over the Harlem River			
HBX1106	East 161st Street Bridge over Conrail Port Morris			
HBX1030	East Tremont Avenue Bridge over Metro North RR			
HBE1023	Belt Parkway Bridge over Mill Basin (Emergency Contract)			
HBK1048	8 th Avenue Bridge over LIRR & Sea Beach			
HBM1093	East 10th Street Pedestrian Bridge over FDR Drive			
HBQ432A	Honeywell Street Bridge over Amtrak and LIRR Yard			
HBQ1110	91st Place Bridge over LIRR			
HBQ1111	Grand Avenue Bridge over Conrail			
HBR659	Hylan Boulevard Bridge over Lemon Creek			

Component Rehabilitation

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

	FY 96	FY 97	FY 98	FY 99	FY 00	FY 01	*FY 02	**FY 03
Number of Bridges	13	30	13	21	24	16	0	0
Construction Cost	\$8.7 M	\$15.9 M	\$8.8 M	\$15.7 M	\$5.26 M	\$13.2 M	\$0	\$0

*No contracts were bid during the 2002 calendar year.

**One contract was bid during the 2003 calendar year, but will be registered in early 2004.

In 2003, work was completed at the following bridges, in the indicated boroughs, at the final cost shown, in millions:

Riverside Drive Bridge over West 96th Street (M)	\$2.535
Huguenot Ave. over SIRT South Shore (R)	\$1.197
Tudor City Place over East 42nd Street (M)	\$0.740
New Dorp Lane over SIRT South Shore (R)	\$0.320

TOTAL <u>\$4.792 M</u>

During calendar year 2003, work did not commence at any bridges.

Component Rehabilitation

There is 1 project "still under construction" since the 2002 Annual Report was issued.

Broadway Bridge/Harlem River (BX/M)

24 component rehabilitation projects are slated to continue, commence or be completed in the 2004 calendar year. They are:

Bedford Park Boulevard/Metro North (BX) East Tremont Avenue/HRP (BX) Grand Concourse/East 170th Street (BX) Grand Concourse/East 175th Street (BX) Riverdale Avenue/HHP (BX) 3rd Avenue/Conrail Port Morris (BX) East 149th Street/Metro North (BX) East 156th Street/Metro North (BX) East 168th Street/Metro North (BX) East 173rd Street/Metro North (BX) East 238th Street (Nereid Avenue)/Bronx River Pkwy. & Metro North (BX) West 246th Street/HHP (BX) Broadway Bridge/Harlem River (BX/M) Cypress Hills Cemetery Road (E)/JRP (Q) (demolition) Cypress Hills Cemetery Road (W)/JRP (Q) (demolition)

3rd Avenue over Gowanus Canal (K) 49th Street over Grand Central Parkway (Q) Jamaica Avenue over Cross Island Parkway (Q) Metropolitan Avenue Bridge over Conrail (Q) Bronx Boulevard N.B. over Bronx River (BX) Bronx Boulevard S.B. over Bronx River (BX) Fort Tryon Place over Entrance from Riverside Drive (M) Unionport Road over Amtrak (BX) E. 149th Street over Amtrak (BX)

BIN NO.	CAPIS NO.	FEATURE CARRIED	FEATURE CROSSED	FY CNST	PHASE	BORO
2241259	HBPED	204TH ST PED BRIDGE	METRO NORTH RR	2005	DB	В
2241570	HBX199	E 153RD ST.	METRO NORTH RR	2005	PD	В
2075837	HBX1086	WESTCHESTER AVENUE	HRP	2006	FD	В
2241590	HBX1103	CONCOURSE VILL AVE	METRO NORTH RR HAR	2005	FD	В
2242259	HBX1104	GRAND CONCOURSE	E 161ST ST	2005	FD	В
1066510	HBX1131	BRUCKNER EXP.	WESTCHESTER CREEK	2006	FD	В
2241800	HBX1139	E 183RD ST	METRO NORTH RR HAR	2005	FD	В
NEW 2240200	HBX1148B	SHORE ROAD (NEW)	HUTCHINSON RIVER	2012	PD	В
2241210	HBX1152	BRYANT AVE	AMTRAK	2006	PD	В
2241710	HBX1160	CLAREMONT PKWY	METRO NORTH RR HAR	2005	FD	В
2241860	HBX1163	GUN HILL RD	METRO NORTH RR HAR	2005	FD	В
2240210	HBX1164	CITY ISLAND ROAD	EASTCHESTER BAY	2007	PD	В
2241810	HBX1172	E 188TH ST	METRO NORTH RR HAR	2007	FD	В
2241409	HBX1190	GRAND CONCOURSE	METRO NORTH RR HUD	2006	PD	В
2242319	HBX1191	GRAND CONCOURSE	E 174 TH ST	2006	PD	В
2241390	HBX1195	SHORE RD CIRCLE	AMTRAK	2005	FD	В
2240137	HBM1147	BROADWAY	HARLEM RIVER	2011	PD	BM
2240079	HBX644S	MADISON AVE	HARLEM RIVER	2010	PD	BM
1240090	BRX287S	MACOMBS DAM BRIDGE	HARLEM RIVER	2011	PD	BM
2240089	HBX1029	145TH ST BRIDGE	HARLEM RIVER	2004	FD	BM
2240027	BRC156A	MANHATTAN BRIDGE (LL)	EAST RIVER	2005	FD	KM
2240027	BRC156R	MANHATTAN BRIDGE (LL)	EAST RIVER	2008	FD	KM
2240028	BRC156R	MANHATTAN BRIDGE (UL)	NYCTA TRACKS-BMT	2008	FD	KM
2240028	BRC156S	MANHATTAN BRIDGE (UL)	NYCTA TRACKS-BMT	2007	PD	KM
2240019	BRC270C	BROOKLYN BRIDGE	2781 (B.Q.E.)	2009	FD	KM
2240019	BRC270S	BROOKLYN BRIDGE	2781 (B.Q.E.)	2010	TD	KM
2240019	BRC270T	BROOKLYN BRIDGE	2781 (B.Q.E.)	2005	FD	KM
VARIOUS	HBCBORERS-	VARIOUS	VARIOUS	2005	FD	KM
	R	22				
2240310	HBCREPL99A	3 RD AVE	GOWANUS CANAL	2005	FD	K
2231419	HBCREPL99B	BSHP	OCEAN AVENUE	2006	FD	K
2243480	HBCREPL99B	OCEAN AVE	LIRR	2007	FD	K
2243710	HBKC062	19TH AVE	BMT SEA BEACH	2007	FD	K
2243100	HBKC064	BEVERLY ROAD	BMT SUBWAY, BRIGHTON	2007	FD	K
VARIOUS	HBKC1144		VARIOUS LOCATIONS	2004	FD	K
2269260	HBPED	W 8 TH ST PED BRIDGE	SURF AVE	2005	DB	K
2231330	HBPED	27^{TH}_{TH} AVE PED BRIDGE	BSHP	2005	DB	K
2231300	HBPED	17 TH AVE PED BRIDGE	BSHP	2005	DB	K
2231260	HBPED	92 ND ST PED BRIDGE	BSHP	2005	DB	K
2243020	HBK530	PARKSIDE AVE	BMT SUBWAY, BRIGHTON	2008	FD	K
2243050	HBK531	CATON AVE	BMT SUBWAY, BRIGHTON	2007	FD	K
2243820	HBK548	21ST AVE	BMT SEA BEACH	2007	FD	K
2231450	HBK643	BSHP	GERRITSEN INLET	2006	FD	K
2231370	HBK668	E 8TH ST ACCESS RMP	BSHP	2005	FD	K
2231479	HBK1023	BSHP	MILL BASIN	2006	FD	K
2231489	HBK1024	BSHP	PAERDEGAT BASIN	2006	FD	K

PD=Preliminary Design; FD=Final Design; DB=Design Build

BIN NO.	CAPIS NO.	FEATURE CARRIED	FEATURE CROSSED	FY CNST	PHASE	BORO
2243080	HBK1032	CHURCH AVE	BMT SUBWAY, BRIGHTON	2007	FD	K
2243510	HBK1046	FLATBUSH AVE	LIRR BAY RIDGE	2007	FD	К
2231509	HBK1072	BSHP	FRESH CREEK	2006	FD	К
2231249	HBK1089	BSHP	BAY RIDGE AVE	2008	PD	К
2231439	HBK1090	BSHP	NOSTRAND AVE	2008	PD	К
2231499	HBK1091	BSHP	ROCKAWAY PKWY	2008	PD	К
2240231	HBK1140	HAMILTON AVE BRIDGE	GOWANUS CANAL	2005	FD	К
2240232	HBK1140	HAMILTON AVE BRIDGE	GOWANUS CANAL	2005	FD	К
2230887	HBK1151	278I W.B. (B.Q.E.)	CADMAN PLAZA	2005	FD	К
2230888	HBK1151	2781 E.B. (B.Q.E.)	CADMAN PLAZA	2005	FD	К
2243140	HBK1153	NEWKIRKÂVE	BMT SUBWAY, BRIGHTON	2005	FD	К
2243040	HBK1154	CROOKE AVE	BMT SUBWAY, BRIGHTON	2005	FD	К
2243569	HBK1201	ATLANTIC AVE	LIRR ATLANTIC AVE	2013	PD	К
2240270	HBK1213	UNION STREET BRIDGE	GOWANUS CANAL	2007	PD	К
2240390	HBK1161	GRAND ST BRIDGE	NEWTON CREEK	2006	PD	KQ
2240047	BRC231S	QUEENSBORO BRIDGE (LL)	EAST RIVER	2010	FD	MQ
2240048	BRC231S	QUEENSBORO BRIDGE (UL)	EAST RIVER	2010	FD	MQ
2240640	HBC1117	ROOSEVELT ISLAND	E. RIVER E. CHANNEL	2008	PD	MQ
2246500	HBCREPL99A	FORT TYRONE PLACE	ENT. FR. RIVERSIDE DR.	2005	FD	М
2246570	HBCREPL99B	UNITED NATIONS PLAZA	1 ST AVE TUNNEL	2006	FD	М
2245090	HBMC032	W 43 RD ST	AMTRAK 30 TH ST BRANCH	2012	PD	М
2245130	HBMC033	W 47 [™] ST	AMTRAK 30 TH ST BRANCH	2008	PD	М
2245150	HBMC034	W 49 [™] ST	AMTRAK 30 TH ST BRANCH	2012	PD	М
2245340	HBMC035	W 50 [™] ST	AMTRAK 30 TH ST BRANCH	2012	PD	М
2245180	HBMC036	W 53 RD ST	AMTRAK 30 TH ST BRANCH	2012	PD	М
224501C	HBMC037	W 33 RD ST	LAND ADJ TO AMTRAK	2010	PD	М
2268930	HBPED	MORRIS ST PED BRIDGE	BRKLYN BTTRY TNNL PLZ	2005	DB	М
2245400	HBPED	PED BRIDGE WEST OF 8TH AVE	W 155 TH ST	2005	DB	М
2269820	HBPED	81 ST ST PROMENADE	FDR DRIVE	2005	DB	М
2232190	HBPED	E 111 [™] ST PED BRIDGE	FDR DRIVE	2005	DB	М
2246620	HBPED	PED BRIDGE	Е 128 ^{тн} ST	2005	DB	М
2246990	HBPED	129 TH to 130 TH ST PED BRIDGE	RAMP OFF 3 RD AVE	2005	DB	М
2245290	HBPED	W 155 TH ST PED BRIDGE	AMTRAK 30 TH ST BRANCH	2005	DB	М
2229400	HBPED	W 181 ST ST PED BRIDGE	HHP NB	2005	DB	М
2246540	HBM551	E 34TH ST	PARK AVE TUNNEL	2008	PD	М
2233059	HBM1027	HARLEM RIVER DRIVE	RAMP TO HRD N.B.	2007	PD	М
2245010	HBM1120	11 th AVE VIADUCT	LIRR WEST SIDE YARD	2012	PD	Μ
2240059	HBM1124	WILLIS AVENUE	HARLEM RIVER	2007	FD	BM
224005A	HBM1124	FROM FDR DRIVE	HARLEM RIVER DRIVE	2007	FD	М
224005B	HBM1124	TO BRUCKNER BLVD (WILLIS)	RELIEF	2007	FD	Μ
2246490	HBM1145	À.C. POWELL BLVD N.B.	A.C. POWELL BLVD	2006	PD	М
2246710	HBM1145B	W 153 ST	A.C. POWELL BLVD	2006	PD	М
2232000	HBM1146	BATTERY PLACE	FDR DRIVE	2004	FD	М
2267380	HBM1146A	WEST ST	RECTOR STREET	2004	FD	М
2240620	HBM1159	WARDS ISLAND PED BRDG	HARLEM RIVER	2010	PD	Μ

PD=Preliminary Design; FD=Final Design; DB=Design Build

BIN NO.	CAPIS NO.	FEATURE CARRIED	FEATURE CROSSED	FY CNST	PHASE	BORO
2246720	HBM1165	RIVERSIDE DRIVE	W 158TH ST	2007	PD	М
226672A	HBM1171	W 31ST ST	AMTRAK LAYUP TRACKS	2005	FD	М
2245070	HBM1174	W 38 TH ST	AMTRAK 30 TH ST BRANCH	2009	PD	M
2245080	HBM1175	W 39 TH ST	AMTRAK 30 TH ST BRANCH	2009	PD	M
2245100	HBM1176	W 44 TH ST	AMTRAK 30 TH ST BRANCH	2012	PD	M
2245120	HBM1177	W 46 TH ST	AMTRAK 30 TH ST BRANCH	2012	PD	M
2245140	HBM1178	W 48 [™] ST	AMTRAK 30 TH ST BRANCH	2008	PD	M
2245210	HBM1179	$W 42^{ND} ST$	AMTRAK 30 TH ST BRANCH	2008	PD	M
2245440	HBM1180	W 40 TH ST	AMTRAK 30 TH ST BRANCH	2012	PD	M
2245330	HBM1183	W 41 ST ST	AMTRAK 30 TH ST BRANCH	2012	PD	M
224501B	HBM1184	W 33 RD ST	AMTRAK 30 TH ST BRANCH	2010	PD	M
224501D	HBM1185	W 34 TH ST	AMTRAK 30 TH ST BRANCH	2010	PD	M
224501E	HBM1186	W 35 TH ST	AMTRAK 30 TH ST BRANCH	2010	PD	M
224501E	HBM1187	W 36 TH ST	AMTRAK 30 TH ST BRANCH	2010	PD	M
2245209	HBM1188	11 TH AVE	AMTRAK 30 TH ST BRANCH	2010	PD	M
2229290	HBM1189	W 79 TH ST	AMTRAK	2012	PD	M
2267717	HBM1189	79 TH ST PED PLAZA	79 TH ST BOAT BASIN	2012	PD	M
			GARAGE			
2267718	HBM1189	79 TH ST TRAFFIC CIRCLE	79 TH ST PED PLAZA	2012	PD	М
226771A	HBM1189	79 TH ST RAMP TO HHP	79 TH ST BOAT BASIN GARAGE	2012	PD	Μ
226771B	HBM1189	79 [™] ST RAMP TO GARAGE	79 TH ST BOAT BASIN GARAGE	2012	PD	Μ
226771C	HBM1189	GARAGE RAMP TO 79 TH ST	79 TH ST BOAT BASIN GARAGE	2012	PD	М
226771D	HBM1189	SB HHP RAMP TO 79 TH ST	79 TH ST BOAT BASIN GARAGE	2012	PD	Μ
2231819	HBCREPL99A	JAMAICA AVE	BCIP	2005	FD	Q
2247500	HBCREPL99A	METROPOLITAN AVE	CONRAIL	2005	FD	Q
2230890	HBCREPL99A	49 [™] ST	GCP	2005	FD	Q
2231710	HBCREPL99B	MERRICK BLVD	BLP EB	2006	FD	Q
2231720	HBCREPL99B	MERRICK BLVD	BLP WB	2006	FD	Q
224004F	HBCREPL99B	TO NY FROM 21 st ST	21 ST ST (QUEENS)	2006	FD	Q
2231730	HBCREPL99B	130 TH AVE	BLP EB	2006	FD	Q
2231740	HBCREPL99B	130 TH AVE	BLP WB	2006	FD	Q
2247080	HBCREPL99B	149 [™] ST	LIRR	2007	FD	Q
2240660	BRC289A	RIKERS ISLAND BRIDGE	RIKERS ISLAND CHANNEL	2007	DB	Q
2231880	HBPED	CROCHERON PARK PED BRIDGE	BCIP	2005	DB	Q
1247280	HBPED	51 ST AVE PED BRIDGE	LIRR MAIN LINE	2005	DB	Q
2247190	HBPED	55^{TH} AVE PED BRIDGE		2005	DB	Q
NONE	HBPED	71 ST AVE PED BRIDGE	LIRR	2005	DB	Q
2247020	HBPED	94 TH ST PED BRIDGE	LIRR N SIDE	2005	DB	Q
7705510	HBPED	167^{TH} ST PED BRIDGE	LIRR PORT WASH BRANCH	2005	DB	Q
7703720	HBPED	216 TH ST PED BRIDGE	LIRR PORT WASH BRANCH	2005	DB	Q
1247560	HBQ1112	METRO AVE (FRESH POND)		2005	FD	Q
2231780	HBQ1114	HEMPSTEAD AVE	BCIP	2005	PD	Q
2266149	HBQ1114 HBQ1114	HEMPSTEAD AVE	RAMP TO BCIP NB	2010	PD PD	Q
2200149	HBQ1115	UNION TPKE	BCIP	2010	PD PD	Q
2201000				2010	ιD	S.

PD=Preliminary Design; FD=Final Design; DB=Design Build

BIN NO.	CAPIS NO.	FEATURE CARRIED	FEATURE CROSSED	FY CNST	PHASE	BORO
2247120	HBQ1130	WOODSIDE AVE	LIRR MAIN LINE	2005	FD	Q
2248159	HBQ1134	WOODHAVEN BLVD	QUEENS BLVD	2008	FD	Q
2248160	HBQ1137	ELLIOT AVE	QUEENS BLVD	2008	PD	Q
2240410	HBQ1162	BORDEN AVE	DUTCH KILLS	2005	PD	Q
2231760	HBQ1173	BCIP	DUTCH BRDWAY-115 AVE	2009	PD	Q
2230869	HBQ1197	QUEENS BLVD	ACCESS ROAD TO BQE SB	2008	PD	Q
2231630	HBQ1200	SPRINGFIELD BLVD	BSOP	2009	PD	Q
2266129	HBQC063	WINCHESTER BLVD SB	BCIP	2009	PD	Q
2266160	HBQC064	WHITESTONE EXPRY/VAN WYCK EXPRY SB TO BCIP EB	ACCESS ROAD FROM WHITESTONE EXPRY/VAN WYCK EXPRY	2008	PD	Q
R00049	HBRC1145	VAN PELT AVE	WALKER ST	2006	FD	R
2249820	HBRC1149	ARTHUR KILL ROAD	ARTHUR KILL STREAM	2006	FD	R
2249250	HBPED	BETHEL AVE PED BRIDGE	SIRT SOUTH SHORE	2005	DB	R
2249230	HBPED	TRACY AVE PED BRIDGE	SIRT SOUTH SHORE	2005	DB	R
2249330	HBR1166	ANNADALE ROAD	SIRT SOUTH SHORE	2005	FD	R

	FLAG CONDITIONS
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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 is also 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.

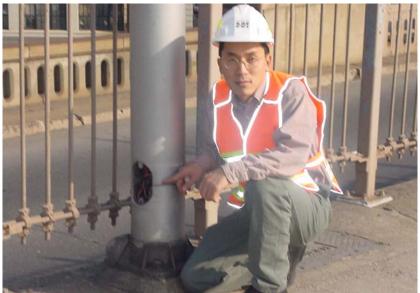


Flag Engineer Inspecting a Yellow Flag (Loose Masonry Panel) on the BQE under the Brooklyn Bridge (Credit: Andy Hoang) Flag Engineer Inspecting a Yellow Flag (Bottom Flanges are Corroded and Loose) at the Inwood Hill Park Footbridge (Credit: Tiffany Yau)

FLAG DEFINITIONS AND PROCEDURES

(Source: NYSDOT Engineering Instruction 94-002)

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.



Flag Engineer Inspecting a Safety Flag (Exposed Electrical Wiring) on the Brooklyn Bridge Promenade. (Credit: Rajendra Pandya)

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

Citywide						
	1999*	2000*	2001*	2002*	2003* (19	% increase 999-2003)
FLAGS ROUTED	1,489	1,161	1,150	1,179	1,11 [`] 7	-25%
RED	50	39	24	36	20	-60%
YELLOW	495	304	399	137	215	-57%
SAFETY	944	818	727	1,006	882	-7%
TTL FLGS ELIMINATED	1,517	1,335	1,369	1,319	940	-38%
RED	46	42	32	42	21	-54%
YELLOW	564	368	452	307	192	-66%
SAFETY	907	925	885	970	727	-20%
TTL FLGS	2,046	1,872	1,653	1,513	1,690	-17%
OUTSTANDING RED	38	24	26	20	19	-50%
YELLOW	- 30 914	34 851	20 798	20 628	654	-50% -28%
SAFETY	1,094	987	829	865	1,017	-7%
					.,	. ,•
Division of Bridges Workle	bad					
FLAGS ROUTED	1,384	987	1,039	959	935	-32%
RED	49	39	23	35	13	-73%
YELLOW	506	301	399	137	211	-58%
SAFETY	829	647	617	787	711	-14%
FLAGS ELIMINATED	1,362	1,068	1,230	1,140	764	-44%
RED	44	40	31	41	14	-68%
YELLOW	561	349	451	305	183	-67%
SAFETY	757	679	748	794	567	-25%
FLAGS OUTSTANDING	1,657	1,581	1,397	1,237	1,389	-16%
RED	35	34	26	20	19	-46%
YELLOW	888	835	783	615	625	-30%
SAFETY	734	712	588	602	745	1%

*The number of flags routed, eliminated, and outstanding has been revised since the 2002 *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.

2003 INVENTORY

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Inventory Summary

In Calendar Year 2003, the Division of Bridges added one bridge structure (by extracting it from the FDR Promenade), eliminated a private school bridge from our count, and demolished two bridge structures, bringing the total number of bridge and tunnel structures under the jurisdiction of the New York City Department of Transportation (NYCDOT) to 753. 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 753 elevated bridge structures (including six tunnels), as measured by the City's general condition rating, are as follows: 4 structures were rated *Poor*, 429 structures were rated *Fair*, 209 structures were rated *Good*, and 111 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 ninety-five (39%) of the Division's structures consist of one span (the portion of a bridge between two supports). Seventy-six (10%) bridges carry pedestrian traffic. Of the 753 structures in the City's inventory, 82 (11%) cross waterways; of these, 19 connect the boroughs of the Bronx, Brooklyn, Manhattan and Queens. Three hundred seventeen (42%) structures cross the City's labyrinthine system of railroad and subway tracks. Two hundred fifty-three (34%) 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 667 (89%) bridge structures. The balance of 86 (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:

State Numerical Rating	City	y Condition Rating
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.

Rating	Number of Structures	Percent	Number of Spans	Percent	Deck Area Sq Ft	Percent
Poor	4	0.53%	123	2.74%	252,373	1.77%
Fair	429	56.97%	3263	72.58%	10,487,834	73.70%
Good	209	27.76%	776	17.26%	2,214,766	15.56%
Very Good	111	14.74%	334	7.43%	1,274,784	8.96%
Total	753	100%	4496	100%	14,229,757	100%

Summary of 2003 Structure Conditions

As of December 31, 2002, the condition of the City's bridges and tunnels indicated that 0.53% were rated as *Poor*, 56.97% were classified as *Fair*, 27.76% were awarded ratings of *Good*; and 14.74% as *Very Good*. Those structures given ratings of Poor and Fair encompassed 75.32% of bridge spans.

Rating	200	00	20	01	20	02	20	03
Poor	13	1.71%	9	1.20%	8	1.06%	4	0.53%
Fair	481	63.37%	459	61.04%	451	59.74%	429	56.97%
Good	180	23.72%	196	26.06%	202	26.75%	209	27.76%
Very Good	85	11.20%	88	11.70%	94	12.45%	111	14.74%
Total	759	100%	752	100%	755	100%	753	100%

During 2003, Manhattan had the highest percentage of bridge structures rated *poor* – 1.18% - as well as the highest percentage of bridge structures rated *fair* – 71.01%. Staten Island had the second highest percentage of bridge structures classified as *good* – 32.69%, and the highest percentage of bridge structures rated *very good* – 34.62%, for a total of 67.31%. In 2003, Queens and Staten Island had no bridges rated as *poor*. The Bronx had the second highest percentage of bridge structures classified as *fair* – 56.38%. Queens had the highest percentage of bridge structures classified as *fair* – 56.38%.

Borough*	Poor	% of Boro	Fair	% of Boro	Good	% of Boro	Very	% of Boro	Total
							Good		
Bronx	1	0.67%	84	56.38%	40	26.85%	24	16.11%	149
Brooklyn	1	0.57%	97	55.75%	45	25.86%	31	17.82%	174
Manhattan	2	1.18%	120	71.01%	39	23.08%	8	4.73%	169
Queens	0	0.00%	95	50.00%	65	34.21%	30	15.79%	190
Staten Island	0	0.00%	17	32.69%	17	32.69%	18	34.62%	52
Total	4	1%	413	56%	206	28%	111	15%	734

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

Summary of 2002 Structure Conditions

Approximately eight-four percent (84.21%) of the 19 bridge structures that service the five boroughs were rated in either *poor* or *fair* condition in 2003, and 15.79% were rated *good*.

Boro- Crossing	Poor	% of Boro Crossing	Fair	% of Boro Crossing	Good	% of Boro Crossing	Very Good	% of Boro Crossing	Total
		orossing		orossing		orosonig	0000	orosonig	
Bronx- Manhattan	0	0.00%	7	77.78%	2	22.22%	0	0.00%	9
Brooklyn- Manhattan	0	0.00%	4	100.00%	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
Total	0	0.00%	16	84.21%	3	15.79%	0	0.00%	19

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 2003, the total number of closed or partially closed bridge structures was five, with three 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		2007	5	CONDITION OF PAERDEGAT BASIN BRIDGE
2-23147-9	BROOKLYN	BELT SHORE PKWY.	MILL BASIN CREEK		2008	5	CONDITION OF PAERDEGAT BASIN BRIDGE
2-23148-9	BROOKLYN	BELT SHORE PKWY	PAERDEGAT BASIN		2007	5	
2-23149-9	BROOKLYN	BELT SHORE PKWY.	ROCKAWAY PKWY.		2008	5	PASSENGER CARS ONLY
2-23206-0	MANHATTAN	FDR DRIVE (NB & SB)	23 RD TO 63 RD STREET			4	PASSENGER CARS ONLY
2-23304-0	MANHATTAN	EAST 60 TH STREET	FDR DRIVE			7	TO BE LET BY NYSDOT
2-24001-9	BROOKLYN & MANHATTAN	BROOKLYN BRIDGE	EAST RIVER	INCLUDING RAMPS	2009	3	NO COMMERCIAL TRAFFIC NO TRUCKS, NO BUSSES
2-24003-9	BROOKLYN & MANHATTAN	WILLIAMSBURG BRIDGE	EAST RIVER		2005		INNER ROADWAYS, NO TRUCKS
2-24004-7	MANHATTAN & QUEENS	QUEENSBORO BRIDGE	EAST RIVER		2004	7.5	LOWER OUTER ROADWAYS POSTED AS H-7.5 (PASSENGER CARS ONLY FOR SOUTHBOUND; PEDESTRIANS AND BICYCLES ONLY FOR NORTHBOUND); UPPER ROADWAYS DESIGNED FOR H- 15, NO TRUCKS
2-24026-0	BROOKLYN	CARROL STREET BRIDGE	GOWANUS CANAL	CARROL STREET	2010	25	
2-24064-0	MANHATTAN & QUEENS	ROOSEVELT ISLAND	EAST CHANNEL OF THE EAST RIVER		2008	36	
2-24066-0	BRONX	RIKERS ISLAND BRIDGE	RIKERS ISLAND CHANNEL			36	
2-24655-0	MANHATTAN	PARK AVENUE VIADUCT	42 ND STREET			15	NO COMMERCIAL TRAFFIC
2-24759-0	QUEENS	FOREST PARK DRIVE	LIRR			18	

14 COUNT

* - CONSTRUCTION CONTRACT LETTING

Partially Closed Bridges NEW YORK CITY DEPARTMENT OF TRANSPORTATION

BIN	BOROUGH	LOCATION FEATURE-1	LOCATION FEATURE-2	LOCATION FEATURE-3	FISCAL YEAR*	REMARKS
2-07664-0	BRONX	DEPOT PLACE	CONRAIL HUDSON DIVISION			ONE LANE CLOSED TO TRAFFIC AND ONE LANE OPEN
2-23087-0	BROOKLYN	COLUMBIA HEIGHTS	B.Q.E.	MIDDAGH ST.		CLOSED TO TRAFFIC OPEN TO PEDESTRIANS (TO BE DONE BY NYS W/B.Q.E)

2 COUNT

* - CONSTRUCTION CONTRACT LETTING

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 TH AVE.	W 155 [™] STREET		2005	PED BRIDGE (FOOTBRIDGE)
2-23007-0	QUEENS	CYPRESS HILLS CEMETERY ROAD EAST	JACKIE ROBINSON PARKWAY			CLOSED TO TRAFFIC AND PEDESTRIANS
2-26926-0	BROOKLYN	WEST 8 TH STREET	SURF AVENUE		2004	PED BRIDGE (FOOTBRIDGE)

3 COUNT

* - CONSTRUCTION CONTRACT LETTING

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, structures 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:

Numerical Rating	Description
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 <u>ratings of 2, 4, and 6</u> are utilized to shade between each of the above ratings.

Standard Abbreviations

General Abbreviations :

Approach Avenue
Boulevard
Bridge
Central Park
Drive
Eastbound
Expressway
Interstate
Lane
Northbound
Pedestrian Bridge
Parkway
Place
Road
Southbound
Street
Turnpike
Westbound
No State accepted mileage markers exist on this route

Routes :

No.	Borough_	Name
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 K - Brooklyn
- Q Queens M - Manhattan
- R Staten Island
- 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	N - New York & Atlantic
C - Conrail	O - B & O Railroad
L - Long Island Railroad	S - Staten Island Rapid Transit Operating Authority
M - Metro-North (MTA)	T - NYC Transit Authority

• 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

• CD:

Community Board District

2003 Bridge Inventory Adjustments

B.I.N.	BORO	FEATURE CARRIED	FEATURE CROSSED	EXPLANATION						
- Bridges removed from the City's Inventory:										
2232168	М	BREARLY SCHOOL	FDR DRIVE PROMENADE	PRIVATELY OWNED						
2244421	К	WILLIAMSBURG BRIDGE NORTH APPROACH	DRIGGS AVE	DEMOLISHED - INCLUDED WITH 2240039						
2245400	М	PEDESTRIAN BRIDGE WEST OF 8 th AVENUE	WEST 155 th STREET	DEMOLISHED – WILL BE REPLACED						
- Bridges		l								
2269820	M	81 st STREET PROMENADE	FDR DRIVE	EXTRACTED FROM 2232167						

REV. DATE February 6, 2004

	INVENTORY SORTED BY B.I.N.												
BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL	BRIDGE	SPANS	RATING	INSPECTION	RATING	VERBAL	DECK	REPLACEMENT	CD
				ROAD	TYPE		SOURCE	DATE		RATING	AREA	COST	

066510 067150 240090 247010 247200 247280 247560	B B BM	BRUCKNER EXP.(2066510)	WESTCHESTER CREEK	1	WMA	47	07475	0/00/0000				AFO 700 000 00	
240090 247010 247200 247280						17	STATE	8/22/2003	3.821	FAIR	39400	\$56,736,000.00	
247010 247200 247280	DIVI	NEREID AVE (2241880)	BRONX RIVER PKWY HARLEM RIVER	м	O WMO	10	STATE STATE	7/26/2003	4.211	FAIR	57750	\$83,160,000.00	
247200 247280	Q	MACOMBS DAM BRIDGE 91 PLACE (2247010)	LIRR PT WASH BRANCH	L	O	52 3	STATE	8/6/2003 6/23/2003	4.169 7.000	FAIR	139100 4200	\$200,304,000.00 \$6,048,000.00	
	Q	67 AVE PED BR 2247200	LIRR MAIN LINE	L	O-PED	3	CITY	11/19/01	4.479	FAIR	1300	\$1,872,000.00	
247560	Q	51 AVE PED BR.2247280	LIRR MAIN LINE	L	O-PED	5	CITY	11/20/01	3.355	FAIR	700	\$1,008,000.00	
	Q	METROPOLITAN AVE	LIRR MONTAUK DIV	L	0	2	STATE	6/19/2003	3.683	FAIR	20900	\$30,096,000.00	
055801	Q	NORTHERN BLVD W.B.	FLUSHING RIVER		WO	40	STATE	9/18/2002	4.817	FAIR	71900	\$103,536,000.00	
055802	Q	NORTHERN BLVD E.B.			WO	40	STATE	9/18/2002	4.507	FAIR	78894	\$113,607,360.00	
05580A 065629	Q B	N.BLVD WB TO 678I SB BRONX RVR PKWY	VACANT LAND BOSTON RD BX ZOO		AR A	16 1	STATE STATE	10/3/2002 8/4/2003	5.571 5.276	GOOD GOOD	8600 6300	\$12,384,000.00 \$9,072,000.00	
065930	Q	HAMILTON PLACE	495I (L.I.E.)		A	2	STATE	7/30/2002	6.403	VGOOD	11111	\$16,254,720.00	_
065940	Q	GRAND AVE	495I (L.I.E.)		A	2	STATE	9/10/2002	5.264	GOOD	12376	\$17,821,440.00	
065950	Q	69TH STREET	495I (L.I.E.)		Α	2	STATE	5/30/2003	5.389	GOOD	10336	\$14,883,840.00	-
066002	Q	4951 (2066000)	WOODHAVEN BLVD		A	2	STATE	6/5/2003	6.197	VGOOD	25200	\$36,288,000.00	
066100	ĸ	5TH AVE	27 X PROSPECT EXPWY		A	1	STATE	4/2/2002	5.208	GOOD	8800	\$12,672,000.00	
066671	B	BRUCKNER EXPWY SB	BRONX RIVER		WMA	3	STATE	6/12/2003	5.528	GOOD	12400	\$17,856,000.00	
066672 066720	B	BRUCKNER EXPWY NB E 174TH ST	BRONX RIVER SHERIDAN EXPWY/AMTRAK	Α	MMA A	8 13	STATE STATE	6/13/2003 7/17/2002	4.761 4.486	FAIR	22300 47430	\$32,112,000.00 \$68,299,200.00	
06672A	В	174TH ST-NTH PED BRDG	8951 - SHERIDAN EXPWY	<u> </u>	A-PED	4	CITY	3/27/2003	5.015	GOOD	1800	\$2,592,000.00	
06672B	В	174TH ST-STH PED BRDG	895I - SHERIDAN EXPWY		A-PED	4	CITY	3/27/2003	4.667	FAIR	1900	\$2,736,000.00	
066919	BM	WASHINGTON BRIDGE	HARLEM RIVER		wo	9	STATE	10/15/2002	4.881	FAIR	128339	\$184,808,160.00	
075351	в	BRUCKNER EXPWY SB	AMTRAK	Α	Α	1	STATE	7/18/2002	3.719	FAIR	11600	\$16,704,000.00	-
075352	В	BRUCKNER EXPWY NB	AMTRAK	Α	A	1	STATE	7/18/2002	3.547	FAIR	10900	\$15,696,000.00	
075820	В	E TREMONT AVE	HUTCHINSON RVR PKWY		A	2	STATE	10/31/2003	4.069	FAIR	10200	\$14,688,000.00	-
075837 075849	B	WESTCHESTER AVE BRONX PELHAM PKWY	HUTCHINSON RVR PKWY HUTCHINSON RVR PKWY		A	2	STATE STATE	6/28/2002 8/20/2002	4.389 4.289	FAIR	15858	\$22,835,520.00 \$25,344,000.00	
075859	В	HUTCHINSON RVR PKWY	HUTCHINSON RIVER		WMA	7	STATE	10/28/2002	5.375	GOOD	60500	\$25,344,000.00	
076109	В	BE NB SERVICE RD	HUTCHINSON RVR PKWY		A	2	STATE	10/15/2003	4.737	FAIR	7800	\$11,232,000.00	
076129	В	BE SB SERVICE RD	HUTCHINSON RVR PKWY		Α	2	STATE	4/17/2002	5.105	GOOD	7100	\$10,224,000.00	
076640	В	DEPOT PLACE	CONRAIL HUDSON DIV	С	0	11	STATE	6/25/2003	5.306	GOOD	30192	\$43,476,480.00	
076929	В	BRUCKNER EXPWY	AMTRAK	A	A	1	STATE	5/8/2003	4.900	FAIR	3800	\$5,472,000.00	
229289	M	HHP VIADUCT	W 72 ST TO W 79 ST	A	A	145	STATE	9/23/2002	3.299	FAIR	236100	\$339,984,000.00	
229290 229309	M	W 79 ST HHP	AMTRAK RIVERSIDE PARK	A	A	1	STATE STATE	9/26/2002 2/25/2002	4.424 5.267	FAIR GOOD	4500 2400	\$6,480,000.00 \$3,456,000.00	
229311	M	HHP SB	RAMP TO 96 ST		A	1	STATE	3/1/2002	4.273	FAIR	2000	\$2,880,000.00	-
229312	M	HHP NB	RAMP TO 96 ST		A	1	STATE	3/1/2002	4.273	FAIR	2000	\$2,880,000.00	
229321	М	HHP SB	RAMP TO 96 ST		Α	1	STATE	6/6/2002	5.200	GOOD	2000	\$2,880,000.00	
229322	М	HHP NB	RAMP TO 96 ST		A	1	STATE	6/6/2002	5.167	GOOD	2000	\$2,880,000.00	7
229339	М	ННР	ST CLAIR PLACE		A	64	STATE	4/14/2002	4.014	FAIR	370000	\$532,800,000.00	
22933A	M	RAMP FROM S.B. HHP	W 135 ST		AR	9	STATE	7/11/2002	4.746	FAIR	12900	\$18,576,000.00	
22933B 229349	M	RAMP TO N.B. HHP HHP	W 135 ST W 158 ST	Α	AR A	14 44	STATE STATE	3/29/2002 10/2/2002	4.423 4.155	FAIR	14400	\$20,736,000.00 \$201,600,000.00	
229349 22934A	M	RAMP TO N.B. HHP	AMTRAK WEST SIDE	Â	AR	26	STATE	9/24/2002	3.667	FAIR	10800	\$15,552,000.00	
229400	M	W 181ST ST PED BRDG	HHP N.B.		A-PED	6	CITY	2/5/2003	4.652	FAIR	1500	\$2,160,000.00	
229440	в	HHP	KAPPOCK ST		Α	1	STATE	9/22/2003	5.207	GOOD	3900	\$5,616,000.00	8
229450	В	232ND ST	HHP		Α	2	STATE	9/18/2003	4.237	FAIR	4900	\$7,056,000.00	
229460	В	236TH ST PED BRDG	HHP		A-PED	3	CITY	9/24/2003	5.106	GOOD	2500	\$3,600,000.00	
229470	B	239TH ST MANHATTAN COLL PKWY	HHP		A	2	STATE STATE	6/2/2003	4.711 4.158	FAIR	6100 6200	\$8,784,000.00	
229480 229490	В	246TH ST	HHP		A	2	STATE	4/30/2003 4/29/2003	4.158	FAIR	5600	\$8,928,000.00 \$8,064,000.00	
229500	В	252ND ST	HHP		A	2	STATE	2/6/2002	4.026	FAIR	4500	\$6,480,000.00	
229510	В	RIVERDALE AVE	HHP		A	2	STATE	8/19/2003	4.053	FAIR	5200	\$7,488,000.00	
229520	в	FIELDSTON ROAD	HHP		Α	1	STATE	8/20/2003	5.700	GOOD	6600	\$9,504,000.00	6
229530	в	HHP	BROADWAY		Α	1	STATE	8/21/2003	4.936	FAIR	7500	\$10,800,000.00	
229540	В	VAN CRTLDT PARK	HHP		A-PED	2	CITY	9/30/2003	4.742	FAIR	3900	\$5,616,000.00	
229550	B	VAN CRTLDT EQUES			A-PED	2	CITY	9/30/2003	5.000	GOOD	2100	\$3,024,000.00	
229560 229579	B	BRONX PELHAM PKWY BOSTON POST ROAD	AMTRAK, METRO NORTH HUTCHINSON RIVER	MA	A WO	3 14	STATE STATE	7/2/2002 6/5/2003	4.750 4.528	FAIR	24591 95700	\$35,411,040.00 \$137,808,000.00	
230000	ĸ	HIGHLAND BLVD E.B.	JACKIE ROBINSON PKWY		A	14	STATE	4/23/2002	4.833	FAIR	4900	\$7,056,000.00	
230010	ĸ	HIGHLAND BLVD W.B.	JACKIE ROBINSON PKWY		A	1	STATE	4/24/2002	5.100	GOOD	3500	\$5,040,000.00	-
230020	κ	HIGHLAND BLVD W.B.	JACKIE ROBINSON PKWY		Α	2	STATE	4/26/2002	4.974	FAIR	4700	\$6,768,000.00	
230040	Q	CYPRESS HILLS ST	JACKIE ROBINSON PKWY		Α	1	STATE	7/10/2002	5.611	GOOD	5000	\$7,200,000.00	
230050	Q	CYP HILLS CEM WEST	JACKIE ROBINSON PKWY		A	3	STATE	4/3/2003	3.955	FAIR	4400	\$6,336,000.00	
230070	Q	CYP HILLS CEM EAST	JACKIE ROBINSON PKWY		A	3	STATE	4/4/2003	4.114	FAIR	4400	\$6,336,000.00	-
230099 230120	Q		CYPRESS HILLS CEMETRY JACKIE ROBINSON PKWY		A	1	STATE	1/17/2002	5.483	GOOD	4200	\$6,048,000.00 \$9,216,000.00	
230120	Q	MYRTLE AVE JACKIE ROBINSON PKWY	METROPOLITAN AVE		A	2	STATE STATE	4/24/2002 2/19/2002	5.611 5.321	GOOD	6400 8673	\$12,489,120.00	
230180	Q	UNION TPKE	JACKIE ROBINSON PKWY		A	1	STATE	4/9/2002	5.984	GOOD	5359	\$7,716,960.00	
230190	Q	MARKWOOD ROAD	JACKIE ROBINSON PKWY		A	1	STATE	4/19/2002	5.389	GOOD	4400	\$6,336,000.00	
230209	Q	QUEENS BLVD	JACKIE ROBINSON PKWY	Т	Α	5	STATE	6/18/2002	4.698	FAIR	90000	\$129,600,000.00	9
230220	ĸ	HIGHLAND BLVD NB	VERMONT AVE		Α	1	STATE	7/11/2003	6.254	VGOOD	3995	\$5,752,800.00	
230250	В	MOSHOLU PARKWAY	BRONX RIVER		A	5	STATE	1/28/2002	4.263	FAIR	16300	\$23,472,000.00	
230260	B	MOSHOLU PARKWAY	METRO NORTH	м	A	1	STATE	3/16/2002	6.484	VGOOD	8880	\$12,787,200.00	
230270 230287	B	MOSHOLU PARKWAY JEROME AVE	WEBSTER AVE MOSHOLU PARKWAY	т	A	1 3	STATE STATE	4/23/2003 5/5/2003	6.016 5.053	VGOOD GOOD	8480 11800	\$12,211,200.00 \$16,992,000.00	
230290	В	MOSHOLU PARKWAY	EQUESTRIAN PATH	· ·	A	1	STATE	1/29/2002	4.724	FAIR	4300	\$6,192,000.00	
230300	В	MOSHOLU PARKWAY	CONRAIL (ABANDONED)	С	A	1	STATE	10/29/2002	4.229	FAIR	5200	\$7,488,000.00	
230310	в	MOSHOLU PARKWAY	SB RAMP TO HHP		Α	2	STATE	10/22/2003	5.243	GOOD	7400	\$10,656,000.00	
230350	κ	SUMMIT ST PED BRDG	278I (B.Q.E.)		A-PED	2	STATE	4/4/2002	4.714	FAIR	1400	\$2,016,000.00	6
230360	ĸ	UNION ST	278I (B.Q.E.)		Α	2	STATE	4/5/2002	4.540	FAIR	5000	\$7,200,000.00	
230370	ĸ	SACKETT ST	278I (B.Q.E.)		A	2	STATE	4/9/2002	4.642	FAIR	5000	\$7,200,000.00	
230380 230390	K K	KANE ST	278I (B.Q.E.)		A	2	STATE	4/10/2002	4.418 4.286	FAIR	5000 5000	\$7,200,000.00	
230390	ĸ	CONGRESS ST 278I (B.Q.E.)	278I (B.Q.E.) ATLANTIC AVE		A	 1	STATE STATE	4/12/2002 4/12/2002	4.286	GOOD	14230	\$7,200,000.00 \$20,491,200.00	

BIN	BORC	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	B.I.N. RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
				ROAD			COORCE	DATE		KATING	AREA		_
30410	ĸ	278I (B.Q.E.)	WASHINGTON ST		Α	1	STATE	4/17/2002	4.656	FAIR	2500	\$3,600,000.00	2
30420	K	278I (B.Q.E.)	WASHINGTON ST		Α	1	STATE	4/18/2002	4.953	FAIR	2500	\$3,600,000.00	2
30430	K	278I (B.Q.E.)	PROSPECT ST		A	1	STATE	3/21/2002	5.267	GOOD	1100	\$1,584,000.00	2
30440 30450	K	278I (B.Q.E.) 278I (B.Q.E.)	ADAMS ST N.B. ADAMS ST S.B.		A	1	STATE	3/21/2002 3/21/2002	5.200 4.933	GOOD FAIR	2700 2500	\$3,888,000.00 \$3,600,000.00	2
30460	K	278I (B.Q.E.)	PEARL ST		A	1	STATE	3/22/2002	5.333	GOOD	4500	\$6,480,000.00	2
30470	ĸ	278I (B.Q.E.)	JAY ST		A	1	STATE	3/29/2002	5.233	GOOD	5100	\$7,344,000.00	2
30480	ĸ	278I (B.Q.E.)	PROSPECT ST		Α	1	STATE	3/29/2002	5.241	GOOD	8400	\$12,096,000.00	2
30490	ĸ	278I (B.Q.E.)	SANDS ST		Α	1	STATE	3/29/2002	5.093	GOOD	12600	\$18,144,000.00	2
30500	K	278I (B.Q.E.)	RAMP TO BQE EB		A	1	STATE	3/28/2002	5.567	GOOD	1300	\$1,872,000.00	2
30510 30520	K Q	278I (B.Q.E.) 65TH PLACE	NASSAU ST 278I (B.Q.E.)		A	6	STATE	4/3/2002 3/5/2002	4.611 4.456	FAIR	51200 11600	\$73,728,000.00 \$16,704,000.00	2
30530	Q	QUEENS BLVD	2781 (B.Q.E.)		A	2	STATE	8/23/2002	4.681	FAIR	23500	\$33,840,000.00	2
30540	Q	WOODSIDE AVE	278I (B.Q.E.)		A	1	STATE	1/21/2002	5.141	GOOD	7500	\$10,800,000.00	2
30550	Q	69TH ST	278I (B.Q.E.)		Α	2	STATE	5/6/2002	4.842	FAIR	12600	\$18,144,000.00	2
30560	Q	70TH ST	278I (B.Q.E.)		Α	2	STATE	5/6/2002	5.125	GOOD	8500	\$12,240,000.00	2
30570	Q	41ST AVE	278I (B.Q.E.)		A	3	STATE	3/27/2002	5.014	GOOD	8800	\$12,672,000.00	2
30587 30590	Q	ROOSEVELT AVE BROADWAY	278I (B.Q.E.) 278I (B.Q.E.)		A O	2	STATE	3/28/2002 6/4/2002	4.647 3.842	FAIR	6600 16000	\$9,504,000.00 \$23,040,000.00	2
30600	Q	STEINWAY ST	2781 W.B. (B.Q.E.)		A	1	STATE	2/14/2002	4.333	FAIR	4200	\$6,048,000.00	1
30610	Q	STEINWAY ST	278I E.B. (B.Q.E.)		A	1	STATE	2/13/2002	4.028	FAIR	4200	\$6,048,000.00	1
80620	Q	37TH ST	278I (B.Q.E.)		A	2	STATE	5/15/2002	4.667	FAIR	5300	\$7,632,000.00	1
80630	Q	35TH ST	278I (B.Q.E.)		Α	4	STATE	8/20/2002	4.819	FAIR	9000	\$12,960,000.00	1
30640	Q	32ND ST	278I (B.Q.E.)		A	2	STATE	4/15/2003	4.986	FAIR	8100	\$11,664,000.00	1
80657 80669	Q	31ST ST 278I (B.Q.E.)	278I (B.Q.E.) 35TH AVE		A	2	STATE STATE	8/9/2002 8/29/2003	5.222 6.627	GOOD VGOOD	9500 6500	\$13,680,000.00 \$9,360,000.00	1
30679	Q	2781 (B.Q.E.)	34TH AVE		A	3	STATE	5/12/2003	6.898	VGOOD	9500	\$9,380,000.00	2
30680	Q	278I (B.Q.E.)	NORTHERN BLVD		Ā	1	STATE	5/24/2002	4.571	FAIR	5900	\$8,496,000.00	2
30690	Q	BQE EAST LEG NB	32ND AVE		A	1	STATE	6/20/2003	3.844	FAIR	6160	\$8,870,400.00	1
30700	Q	BQE EAST LEG	TO BQE WEST LEG		Α	14	STATE	5/13/2002	3.611	FAIR	16800	\$24,192,000.00	1
30710	Q	278I S.B. (B.Q.E.)	32ND AVE		A	1	STATE	8/28/2003	6.797	VGOOD	4500	\$6,480,000.00	1
30720 30730	Q	BQE EAST LEG 31ST AVE	BQE NB WEST LEG 278I (B.Q.E.)		A	1	STATE	6/11/2003 8/27/2003	6.667 6.800	VGOOD VGOOD	2700 3700	\$3,888,000.00 \$5,328,000.00	1
30740	Q	BQE WEST LEG SB	31ST AVE		A	1	STATE	7/8/2003	7.000	VGOOD	3700	\$5,328,000.00	1
30750	Q	BQE EAST LEG SB	31ST AVE		A	1	STATE	7/8/2003	6.068	VGOOD	2900	\$4,176,000.00	1
30760	Q	BQE WEST LEG NB	31ST AVE		Α	1	STATE	9/5/2002	4.234	FAIR	2900	\$4,176,000.00	1
0770	Q	BQE WEST LEG	30TH AVE		Α	1	STATE	7/2/2003	7.000	VGOOD	6500	\$9,360,000.00	1
0780	Q	BQE EAST LEG	30TH AVE		Α	3	STATE	6/10/2003	6.746	VGOOD	9400	\$13,536,000.00	3
0790	Q	BULOVA AVE	BQE WEST LEG		A	2	STATE	4/24/2002	5.667	GOOD	3300	\$4,752,000.00	1
80800 80810	Q	49TH ST ASTORIA BLVD E.B.	BQE WEST LEG BQE WEST LEG		A	4	STATE STATE	5/22/2002 6/5/2002	5.194 4.309	GOOD	4900 8200	\$7,056,000.00 \$11,808,000.00	1
30820	Q	47TH ST	GCP		Â	2	STATE	6/6/2002	4.944	FAIR	5700	\$8,208,000.00	1
30830	Q	BQE WEST LEG	GCP		A	2	STATE	8/9/2002	4.861	FAIR	7600	\$10,944,000.00	1
30840	Q	44TH ST	GCP		Α	2	STATE	5/29/2002	4.833	FAIR	5000	\$7,200,000.00	1
30857	K	278I (B.Q.E.)	JORALEMON ST		A	1	STATE	5/6/2002	5.030	GOOD	2100	\$3,024,000.00	2
30858	K	278I (B.Q.E.)	JORALEMON ST / BQE WB		A	2	STATE	5/6/2002	3.887	FAIR	5900	\$8,496,000.00	2
30869 30870	Q K	QUEENS BLVD COLUMBIA HEIGHTS	ACCESS RD BQE S.B. 278I (B.Q.E.)		A	1	STATE	7/24/2002 5/7/2002	4.205 4.583	FAIR	7900 16500	\$11,376,000.00 \$23,760,000.00	2
30887	ĸ	278I W.B. (B.Q.E.)	CADMAN PLAZA		Â	2	STATE	5/9/2002	4.250	FAIR	4500	\$6,480,000.00	2
30888	ĸ	278I E.B. (B.Q.E.)	CADMAN PLAZA / 278I WB		A	2	STATE	5/10/2002	4.684	FAIR	4500	\$6,480,000.00	2
30890	Q	49TH ST	GCP		Α	2	STATE	7/31/2002	4.778	FAIR	5500	\$7,920,000.00	1
31249	ĸ	BSHP	BAY RIDGE AVE		Α	1	STATE	4/11/2002	3.817	FAIR	4900	\$7,056,000.00	10
31250	K	81ST ST PED BR	BSHP		A-PED	5	CITY	10/9/2003	5.222	GOOD	3100	\$4,464,000.00	10
31260 31270	K	92ND ST PED BR 4TH AVE	BSHP BSHP		A-PED A	6 2	CITY STATE	8/13/2003 4/10/2002	4.161 4.842	FAIR	3000 6100	\$4,320,000.00 \$8,784,000.00	
31290	K	BAY 8TH ST	BSHP		A	1	STATE	5/5/2003	5.984	GOOD	4920	\$7,084,800.00	
1300	ĸ	17TH AVE PED BRDG	BSHP		A-PED	1	CITY	1/27/2003	3.846	FAIR	2100	\$3,024,000.00	
1319	К	BSHP	BAY PKWY		Α	1	STATE	4/12/2002	4.491	FAIR	7200	\$10,368,000.00	11
1329	K	BSHP	26TH AVE		Α	1	STATE	4/9/2002	4.933	FAIR	6700	\$9,648,000.00	
1330	K	27TH AVE PED BRDG	BSHP		A-PED	1	CITY	7/1/2003	4.000	FAIR	2100	\$3,024,000.00	
1340 1360	K	CROPSEY AVE BSHP	BSHP OCEAN PKWY		A	2	STATE	4/17/2002 6/2/2003	4.944 3.417	FAIR	13100 11800	\$18,864,000.00 \$16,992,000.00	
1370	ĸ	B 8TH ST ACCESS RMP	BSHP		A	4	STATE	5/17/2002	3.958	FAIR	12800	\$18,432,000.00	
1380	ĸ	CONEY ISLAND AVE	BSHP		Ā	4	STATE	9/8/2003	6.292	VGOOD	19866	\$29,664,000.00	
1390	к	E 12TH ST	BSHP		Α	4	STATE	4/19/2002	4.958	FAIR	17200	\$24,768,000.00	15
1409	K	BSHP	SHEEPSHEAD BAY ROAD		A	1	STATE	4/23/2002	4.967	FAIR	6500	\$9,360,000.00	
1419	K	BSHP			A	3	STATE	4/23/2002	4.486	FAIR	14000	\$20,160,000.00	
1429 1439	K	BSHP BSHP	BEDFORD AVE NOSTRAND AVE		A	3	STATE STATE	4/25/2002 4/29/2002	4.278 4.097	FAIR	12000 13000	\$17,280,000.00 \$18,720,000.00	
1439	K	KNAPP ST	BSHP		A	3 1	STATE	4/30/2002	4.097	FAIR	9500	\$13,680,000.00	
1450	ĸ	BSHP	GERRITSEN INLET		WA	11	STATE	7/17/2003	3.582	FAIR	46400	\$66,816,000.00	
1460	к	FLATBUSH AVE	BSHP		Α	2	STATE	9/5/2003	6.618	VGOOD	14058	\$19,584,000.00	56
1479	K	BSHP	MILL BASIN		WMA	14	STATE	12/22/2003	3.313	FAIR	73500	\$105,840,000.00	
1489	K	BSHP	PAERDEGAT BASIN		WA	15	STATE	12/23/2003	2.907	POOR	58300	\$83,952,000.00	
1499 1509	K	BSHP BSHP	ROCKAWAY PKWY FRESH CREEK		A WA	4	STATE STATE	5/23/2003 8/21/2003	4.111 3.278	FAIR	11500 23000	\$16,560,000.00 \$33,120,000.00	
1509	K	PENNSYLVANIA AVE	BSHP		A	2	STATE	5/7/2003	6.194	VGOOD	6191	\$8,915,040.00	
1559	Q	CROSS BAY BLVD	BSHP		Ā	4	STATE	5/7/2002	5.278	GOOD	23205	\$33,415,200.00	
1560	Q	S CONDUIT BLVD	BSOP		A	2	STATE	5/15/2002	5.690	GOOD	15776	\$22,717,440.00	
1570	Q	COHANCY ST	BSOP		Α	2	STATE	5/15/2002	4.727	FAIR	6400	\$9,216,000.00	10
1580	Q	AQUEDUCT RCTK RAMP	BSOP		A	4	STATE	7/25/2002	4.264	FAIR	14000	\$20,160,000.00	
81590	Q	130TH ST	BSOP		A	2	STATE	3/6/2002	4.750	FAIR	6800	\$9,792,000.00	
81610	Q	GUY R. BREWER BLVD	BSOP BSOP		A	2	STATE	5/13/2003	6.833	VGOOD	7300	\$10,512,000.00	
1620 1630	Q	FARMERS BLVD SPRINGFIELD BLVD	BSOP		A	2	STATE	5/13/2003 6/3/2002	4.568 4.682	FAIR	6400 8500	\$9,216,000.00 \$12,240,000.00	
B1640	Q	225TH ST	BSOP		A	2	STATE	6/28/2002	4.002	FAIR	7000	\$10,080,000.00	
1650	Q	SUNRISE HWY W.B.	BLP E.B.		A	1	STATE	4/23/2002	4.623	FAIR	4100	\$5,904,000.00	

2003 BRIDGES AND TUNNELS ANNUAL CONDITION REPORT

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
		i	1=							1=		1	_
231660	Q	SUNRISE HWY W.B.	BLP W.B.		A	2	STATE	6/26/2002	4.531	FAIR	5350	\$7,704,000.00	1:
231670 231680	Q	N CONDUIT AVE W.B. N CONDUIT AVE WB	BLP E.B. BLP W.B.		A	1	STATE	1/28/2002 2/11/2002	4.917	FAIR	4000 6500	\$5,760,000.00 \$9,360,000.00	1
231690	Q	FRANCIS LEWIS BLVD	BLP E.B.		A	1	STATE	5/23/2002	5.333	GOOD	6000	\$8,640,000.00	1
231700	Q	FRANCIS LEWIS BLVD	BLP W.B.		A	1	STATE	4/16/2002	4.933	FAIR	6000	\$8,640,000.00	1
231710	Q	MERRICK BLVD	BLP E.B.		Α	1	STATE	5/7/2002	4.533	FAIR	6000	\$8,640,000.00	1
231720	Q	MERRICK BLVD	BLP W.B.		Α	1	STATE	5/20/2002	4.200	FAIR	6000	\$8,640,000.00	1
231730	Q	130TH AVE	BLP E.B.		Α	1	STATE	1/17/2002	5.267	GOOD	4400	\$6,336,000.00	1
231740	Q	130TH AVE	BLP W.B.		Α	1	STATE	1/18/2002	4.667	FAIR	4400	\$6,336,000.00	1
231750	Q	LINDEN BLVD	BCIP		A	2	STATE	3/21/2002	4.477	FAIR	6700	\$9,648,000.00	1
231760	Q	BCIP	DUTCH BROADWAY-115 AVE		A	1	STATE	3/11/2002	4.349	FAIR	7300	\$10,512,000.00	1
231770	Q	BELMONT PARK RAMP	BCIP		A	1 2	STATE	5/10/2002	4.781	FAIR	3200 14200	\$4,608,000.00	1
231780 231800	Q	HEMPSTEAD AVE SUPERIOR ROAD	BCIP		A	2	STATE STATE	6/12/2002 5/7/2002	4.226	FAIR	7000	\$20,448,000.00	1
231819	Q	JAMAICA AVE	BCIP		A	2	STATE	3/26/2002	4.227	FAIR	11500	\$10,080,000.00 \$16,560,000.00	1
231829	Q	BRADDOCK AVE	BCIP		A	2	STATE	3/26/2002	4.909	FAIR	10600	\$15,264,000.00	1
231840	Q	HILLSIDE AVE	BCIP		A	2	STATE	6/28/2002	4.184	FAIR	9672	\$13,927,680.00	1
231850	Q	UNION TPKE	BCIP		Α	2	STATE	7/30/2003	4.318	FAIR	13600	\$19,584,000.00	1
231860	Q	W ALLEY ROAD	BCIP		Α	2	STATE	9/26/2003	5.568	GOOD	7200	\$10,368,000.00	1
231870	Q	NORTHERN BLVD	BCIP		Α	2	STATE	9/3/2002	6.569	VGOOD	8951	\$12,816,000.00	1
231880	Q	CROCHERON PK PED	BCIP		A-PED	9	CITY	11/10/2003	4.875	FAIR	2300	\$3,312,000.00	1
231890	Q	28TH AVE PED BRDG	BCIP		A-PED	24	CITY	8/19/2003	5.016	GOOD	7600	\$10,944,000.00	1
231900	Q	BCIP	FORT TOTTEN ENTRANCE		A	1	STATE	8/2/2002	4.672	FAIR	4900	\$7,056,000.00	
31910	Q		BCIP		A	2	STATE	3/14/2002	5.136	GOOD	7200	\$10,368,000.00	
31920 31930	Q	160TH ST FRANCIS LEWIS BLVD	BCIP		A	2	STATE	4/24/2003 2/28/2002	5.972 4.773	GOOD	5500 9100	\$7,920,000.00 \$13,104,000.00	
31940	Q	CLINTONVILLE ST	BCIP		A	2	STATE	2/28/2002	4.773	FAIR	7400	\$10,656,000.00	
231950	Q	150TH ST	BCIP		A	2	STATE	2/22/2002	5.136	GOOD	5900	\$8,496,000.00	
231960	Q	149TH ST	BCIP		A	2	STATE	2/22/2002	4.977	FAIR	6100	\$8,784,000.00	
31970	Q	14TH AVE	BCIP		A	2	STATE	2/22/2002	4.977	FAIR	8100	\$11,664,000.00	
31980	Q	147TH ST	BCIP		Α	2	STATE	2/12/2002	4.750	FAIR	6300	\$9,072,000.00	
32000	м	BATTERY PLACE	FDR DRIVE		AT	2	CITY	6/29/2003	4.500	FAIR	75000	\$108,000,000.00	
23201A	м	FDR DR N.B. OFF RMP	FDR DR & SOUTH ST		AR	17	STATE	3/20/2002	3.597	FAIR	102225	\$147,204,000.00	
23201B	M	STH ST RMP TO FDR S.B.	SOUTH ST		AR	10	STATE	3/7/2002	3.925	FAIR	44625	\$64,260,000.00	
23201C	M	STH ST RMP TO FDR	SOUTH ST		AR	8	STATE	4/2/2002	4.701	FAIR	39150	\$56,376,000.00	
23201D	M	RAMP TO N.B. FDR DRIVE			AR	22	STATE	6/10/2002	5.492	GOOD	15825	\$22,788,000.00	
32029 32030	M	CORLEARS PARK ROAD DELANCEY ST PED BRDG	FDR DRIVE		A A-PED	4 9	CITY	3/27/2002 8/10/2003	4.125	FAIR	4100 2900	\$5,904,000.00 \$4,176,000.00	
32030	M	HOUSTON ST	FDR DRIVE		AFLD	2	STATE	5/20/2003	3.318	FAIR	11010	\$15,854,400.00	
23204A	M	FDR NB TO HOUSTON ST	RELIEF		AR	4	STATE	3/21/2002	4.000	FAIR	7642	\$11,004,480.00	
		HOUSTON ST RAMP TO			7.0.4	· ·	••••	0.22002				¢,ee.i, ieeiee	
23204B	м	FDR	RELIEF		AR	4	STATE	3/21/2002	4.417	FAIR	7642	\$11,004,480.00	
232050	м	E 6TH ST PED BRDG	FDR DRIVE		A-PED	22	CITY	3/16/2003	4.400	FAIR	2200	\$3,168,000.00	
232070	м	25TH ST PED BRDG	FDR DRIVE		A-PED	4	CITY	3/16/2003	4.594	FAIR	1700	\$2,448,000.00	
232100	М	E 51ST ST PED BRDG	FDR DRIVE		A-PED	10	CITY	3/9/2003	4.161	FAIR	2800	\$4,032,000.00	
232110	M	E 64TH ST PED BRDG	FDR DRIVE		A-PED	13	CITY	3/9/2003	5.050	GOOD	2100	\$3,024,000.00	
232120	M	E 71ST ST PED BRDG	FDR DRIVE		A-PED	19	CITY	5/2/2003	7.000	VGOOD	1800	\$2,592,000.00	
32140	M	E 78TH ST PED BRDG	FDR DRIVE		A-PED	9	CITY	3/23/2003	3.578	FAIR	1700	\$2,448,000.00	
232158 232167	M	FDR DRIVE S.B. PROMENADE OVER FDR	FDR DRIVE N.B. FDR/E79TH ST-E91ST ST		AT A-PED	56 53	STATE	6/18/2003 7/28/2003	4.773	FAIR	54302 93000	\$78,194,880.00 \$133,920,000.00	
232180	M	E 103RD ST PED BRDG	FDR DRIVE		A-PED	20	CITY	7/29/2003	5.000	GOOD	6000	\$8,640,000.00	1
32190	M	E 111TH ST PED BRDG	FDR DRIVE		A-PED	14	CITY	3/2/2003	4.100	FAIR	2600	\$3,744,000.00	1
32200	M	E 120TH ST PED BRDG	FDR DRIVE		A-PED	23	CITY	3/2/2003	4.300	FAIR	2500	\$3,600,000.00	
233020	м	E 10TH ST PED BRDG	FDR DRIVE		A-PED	22	CITY	11/18/2003	6.435	VGOOD	1632	\$2,350,080.00	;
33038	м	FDR DRIVE SB	FDR NB / E 62ND ST		AT	46	STATE	8/1/2003	2.698	POOR	70113	\$100,962,720.00	;
33040	М	E 60TH ST	FDR DRIVE		Α	17	STATE	8/8/2003	3.318	FAIR	24480	\$35,251,200.00	
233059	М	HARLEM RIVER DRIVE	RAMP TO HRD N.B.		Α	11	STATE	6/27/2003	3.418	FAIR	51000	\$73,440,000.00	1
33080	K	E 14 ST PED BR	BSHP		A-PED	14	CITY	08/05/02	4.700	FAIR	4700	\$6,768,000.00	
240019	KM	BROOKLYN BRIDGE	278I (B.Q.E.)		WEO	75	STATE	10/18/2002	3.097	FAIR	503788	\$725,454,720.00	
4001A	M	PARK ROW TO BKLN	WILLIAM ST N.B.		OE	3	STATE	4/22/2003	4.389	FAIR	8685	\$12,506,400.00	
24001B	M	TO BKLN FRM FDR	FRANKFRT & CITY		OE	31	STATE	4/24/2002	4.037	FAIR	51400	\$74,016,000.00	
4001C	M	PEARL ST TO BKLN TO FDR DR N.B.	LAND ADJ TO BRDG PEARL STREET		OE OE	12 30	STATE STATE	4/28/2003 5/14/2003	3.712 5.208	FAIR GOOD	6489 49600	\$9,344,160.00 \$71,424,000.00	
4001D	M	TO PEARL ST	LAND ADJ TO BRDG		OE	30	STATE	5/14/2003	5.208	GOOD	49600 5300	\$71,424,000.00	
24001E	M	PEARL ST TO FDR DR	LAND ADJ TO BRDG		OE	3	STATE	5/14/2003	5.310	GOOD	5200	\$7,488,000.00	
4001G	M	TO PARK ROW	ROSE ST		OE	11	STATE	5/6/2003	4.736	FAIR	16551	\$23,833,440.00	
40027	KM	MANHATTAN BRIDGE(LL)		т	WEO	23	STATE	11/12/2002	3.847	FAIR	616390	\$887,601,600.00	
40028	KM		NYCTA TRACKS-BMT	Т	WEO	43	STATE	11/12/2002	4.243	FAIR	587424	\$845,890,560.00	
												\$1,067,040,000.0	
40039	KM	WILLIAMSBURG BRIDGE	EAST RIVER	Т	WEO	72	STATE	8/28/2002	4.556	FAIR	741000	0	
		QUEENSBORO		<u> </u>			07475	4/00/0000		E A ID		****	
40047	MQ	BRIDGE(LL) QUEENSBORO	EAST RIVER	L	WEO	53	STATE	1/23/2003	4.514	FAIR	626900	\$902,736,000.00	
40048	MQ	BRIDGE(UL)	EAST RIVER-LL		WEO	37	STATE	1/23/2003	4.547	FAIR	322300	\$464,112,000.00	
40048 4004A	M	TO QNS FRM E 59TH ST	FIRST AVE		OE	13	STATE	11/25/2003	5.789	GOOD	14800	\$21,312,000.00	
4004B	M		FIRST AVE		OE	13	STATE	11/26/2002	5.792	GOOD	14800	\$21,312,000.00	
4004C	M		E 60TH ST		OE	10	STATE	11/27/2002	4.985	FAIR	16720	\$24,076,800.00	
4004D	M		E 59TH ST		OE	12	STATE	11/22/2002	4.585	FAIR	11781	\$16,964,640.00	
4004E	Q	TO NY FR THOMSON AVE	JACKSON AVE		OE	64	STATE	12/14/2002	4.906	FAIR	104600	\$150,624,000.00	
4004F	Q	TO NY FROM 21ST ST	21ST ST (QUEENS)		OE	63	STATE	11/20/2002	4.652	FAIR	63310	\$91,166,400.00	
4004G	Q	TO NY FROM 11TH ST	TERRAIN (CHAMBER)		OE	36	STATE	10/30/2002	4.634	FAIR	8360	\$12,038,400.00	
4004H	Q	TO 21ST ST FROM NY	22ND ST		OE	34	STATE	12/5/2002	4.655	FAIR	48100	\$69,264,000.00	
400 **	_	TO THOMSON AVE FROM	IACKSON ANT		05		0747-	44/10/0000	E 0/0	0000	FOLCO	COE 101 000 00	
240041	Q	NY	JACKSON AVE		OE	38	STATE	11/12/2002	5.246	GOOD	59100	\$85,104,000.00	
4004J	M				OE	14	STATE	11/21/2002	4.780	FAIR	22058	\$31,763,520.00	4
40059	BM	WILLIS AVENUE			WMO	26	STATE	10/29/2003	3.083	FAIR	94700	\$136,368,000.00	
4005A 4005B	B	FROM FDR DRIVE TO BRUCKNER BLVD	HARLEM RIVER DR RELIEF		OR OR	19 5	STATE STATE	6/3/2002 8/4/2003	3.940	FAIR	29900 12100	\$43,056,000.00 \$17,424,000.00	1.
			··	1	0.1	v	- 171 E			· · ·		+,+2-+,000.00	

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	INVE RAIL ROAD	BRIDGE TYPE	SPANS	B.I.N. RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
240069	BM	THIRD AVE BRIDGE	HARLEM RIVER		WMO	32	STATE	10/5/2003	3.236	FAIR	79950	\$115,128,000.00	11
24006A	B	TO BRUCKNER BLVD	RELIEF	_	OR	11	STATE	4/22/2003	2.966	POOR	11100	\$15,984,000.00	1
40079	BM	MADISON AVE BRIDGE	HARLEM RIVER		WMO	31	STATE	8/19/2002	5.667	GOOD	80000	\$115,200,000.00	
4007A	М	TO MADISON AVENUE	RELIEF		OR	9	STATE	8/6/2002	5.704	GOOD	22600	\$32,544,000.00	11
40089	BM	145TH ST BRIDGE	HARLEM RIVER		WMO	8	STATE	10/26/2003	3.097	FAIR	56700	\$81,648,000.00	
40120	BM		HARLEM RIVER		WMO	5	STATE	5/21/2002	5.667	GOOD	29682	\$42,742,080.00	
240137	BM	BROADWAY BRIDGE	HARLEM RIVER	T	WMO	3	STATE	10/13/2003	3.986	FAIR	38100	\$54,864,000.00	
40138	BM		HARLEM RVR/BROADWAY	Т	WMO	3	STATE	10/24/2003	4.882	FAIR	38100	\$54,864,000.00	12
240180 240200	B	WESTCHESTER AVE SHORE ROAD	BRONX RIVER HUTCHINSON RIVER		WO WMO	7	STATE STATE	6/11/2003 11/5/2002	5.141 4.597	GOOD FAIR	5476 4800	\$7,885,440.00 \$120,000,000.00	28
40210	В	CITY ISLAND ROAD	EASTCHESTER BAY	_	WO	7	STATE	10/3/2003	3.500	FAIR	28900	\$41,616,000.00	
240231	ĸ	HAMILTON AVE BRIDGE	GOWANUS CANAL		WMO	3	STATE	8/7/2002	4.236	FAIR	7300	\$10,512,000.00	
240232	K	HAMILTON AVE BRIDGE	GOWANUS CANAL		WMO	3	STATE	7/17/2003	4.014	FAIR	7300	\$10,512,000.00	6
240240	к	NINTH ST BRIDGE	GOWANUS CANAL		WMO	3	STATE	7/18/2003	6.613	VGOOD	5772	\$30,000,000.00	6
40250	к	THIRD ST	GOWANUS CANAL		WMO	5	STATE	6/27/2003	4.958	FAIR	4900	\$15,000,000.00	6
40260	к	CARROLL ST	GOWANUS CANAL		WMO	2	STATE	6/27/2003	4.718	FAIR	3000	\$5,000,000.00	6
240270	к	UNION ST	GOWANUS CANAL		WMO	5	STATE	6/25/2002	4.236	FAIR	4900	\$15,000,000.00	6
240290	ĸ	METROPOLITAN AVE	ENGLISH KILLS		WMO	5	STATE	11/12/2003	4.186	FAIR	15245	\$21,952,800.00	1
240301	ĸ	CROPSEY AVE	CONEY ISLAND CREEK		WO	3	STATE	7/7/2003	5.169	GOOD	9400	\$13,536,000.00	
240302	K	CROPSEY AVE	CONEY ISLAND CREEK	_	wo	3	STATE	6/16/2003	5.028	GOOD	9400	\$13,536,000.00	13
40310	K	THIRD AVE	GOWANUS CANAL		WO	1	STATE	7/2/2003	4.564	FAIR	3200	\$4,608,000.00	6
40320	K R	OCEAN AVE PED BRDG RICHMOND AVE	SHEEPSHEAD BAY RICHMOND CREEK	_	WO-PED WO	30 3	CITY STATE	5/2/2003 7/30/2003	4.070	FAIR VGOOD	4000 32589	\$5,760,000.00	15
.+0330	R	GREENPOINT AVE	NOTINOND OREER	-	440	3	STATE	1130/2003	0.100	4000D	52569	\$46,928,160.00	
40370	κQ	BRIDGE	NEWTOWN CREEK	L	wмо	12	STATE	11/11/2003	4.889	FAIR	76106	\$109,592,640.00	2
240390	KQ	GRAND ST BRIDGE	NEWTOWN CREEK	-	WMO	2	STATE	9/9/2002	4.569	FAIR	5100	\$25,000,000.00	5
240410	Q	BORDEN AVE	DUTCH KILLS		WMO	2	STATE	7/14/2003	3.403	FAIR	8400	\$12,096,000.00	2
240440	Q	NORTHERN BLVD	ALLEY CREEK		WO	2	STATE	6/10/2002	5.000	GOOD	8300	\$11,952,000.00	
240450	Q	HUNTERS PT AVE BRIDGE	DUTCH KILLS		WMO	4	STATE	5/13/2002	5.167	GOOD	11544	\$16,623,360.00	2
40507	Q	ROOSEVELT AVE	678I - VAN WYCK EXPWY		WA	27	STATE	11/13/2002	3.380	FAIR	84424	\$121,570,560.00	
240540	K	STILLWELL AVE	CONEY ISLAND CRK		wo	2	STATE	6/17/2003	6.292	VGOOD	17000	\$24,480,000.00	13
		WARDS ISLAND PED			WMO-								
240620	M	BRDG	HARLEM RIVER		PED	10	CITY	7/29/2003	4.049	FAIR	12600	\$18,144,000.00	
240639		PULASKI BRIDGE	NEWTOWN CREEK		WMO	48	STATE	6/11/2002	5.211	GOOD	205770	\$296,308,800.00	2
240640 240650	MQ Q	ROOSEVELT ISLAND 163RD ST PED BRDG	E. RIVER E. CHANNEL HAWTREE BASIN		WMO WO-PED	8 13	STATE CITY	6/14/2002 5/20/2003	4.292 4.407	FAIR	36500 5000	\$52,560,000.00 \$7,200,000.00	8 10
40660	Q	RIKERS ISLAND BRIDGE	RIKERS ISL CHANNEL		WO	56	STATE	8/29/2003	4.407	FAIR	183100	\$263,664,000.00	10
41000	В	WESTCHESTER AVE	CONRAIL PT MORRIS	С	0	1	STATE	11/4/2002	5.085	GOOD	1740	\$2,505,600.00	1
41010	В	E 156TH STREET	CONRAIL PT MORRIS	c	ō	1	STATE	11/5/2002	4.556	FAIR	2400	\$3,456,000.00	1
41020	В	E 161ST STREET	CONRAIL PT MORRIS	C	0	1	STATE	8/1/2003	6.783	VGOOD	12800	\$18,432,000.00	1
241030	в	E 163RD STREET	CONRAIL PT MORRIS	С	0	1	STATE	7/9/2002	4.870	FAIR	3200	\$4,608,000.00	3
241040	в	THIRD AVE	CONRAIL PT MORRIS	С	0	1	STATE	11/6/2002	4.625	FAIR	2700	\$3,888,000.00	1
241050	в	E 149TH ST/JACKSON AVE	CONRAIL PT MORRIS	С	0	1	STATE	11/8/2002	4.950	FAIR	65000	\$93,600,000.00	1
241060	В	ST. MARYS & CONCORD	CONRAIL PT MORRIS	С	0	1	STATE	11/7/2002	5.333	GOOD	4500	\$6,480,000.00	1
241070	В	WALES AVE	CONRAIL PT MORRIS	С	0	1	STATE	11/11/2002	6.567	VGOOD	2535	\$3,312,000.00	
241080	В	SOUTHERN BLVD	CONRAIL PT MORRIS	С	0	1	STATE	12/4/2002	4.185	FAIR	3900	\$5,616,000.00	1
241099	В	BRUCKNER BLVD	CONRAIL PT MORRIS	C	0	1	STATE	12/4/2002	6.797	VGOOD	6700	\$9,648,000.00	1
241110	B	MELROSE AVE	CONRAIL PT MORRIS	c	0	8	STATE	7/31/2003	6.208	VGOOD	37854	\$54,509,760.00	3
241129	B	E 149TH ST	AMTRAK	A	0	2	STATE	6/28/2002	4.704	FAIR	12575	\$18,108,000.00	1
241139 241159	B	LEGGETT AVE LONGWOOD AVE	AMTRAK AMTRAK	A	0	3	STATE	6/28/2002 6/4/2002	4.690 6.042	FAIR VGOOD	28300 10625	\$40,752,000.00	2
241159	В	LAFAYETTE AVE	AMTRAK	A	0	1	STATE	6/28/2002	5.905	GOOD	12000	\$15,300,000.00 \$17,280,000.00	
241170		TIFFANY ST	AMTRAK	Ā	0	1	STATE	11/4/2003	5.843	GOOD	7267	\$10,464,480.00	
241180	В	BARRETTO ST	AMTRAK	A	0 0	1	STATE	6/5/2002	6.281	VGOOD	5313	\$7,650,720.00	
241190	В	HUNTS POINT AVE	AMTRAK	Ā	0	1	STATE	6/6/2002	5.250	GOOD	13700	\$19,728,000.00	
41200	В	FAILE ST	AMTRAK	Ā	õ	1	STATE	6/6/2002	6.156	VGOOD	6208	\$8,939,520.00	
41210	В	BRYANT AVE	AMTRAK	A	0	1	STATE	11/6/2003	3.220	FAIR	5300	\$7,632,000.00	
41230	В	WESTCHESTER AVE	AMTRAK	A	0	3	STATE	6/26/2002	6.250	VGOOD	15600	\$22,464,000.00	
41259	В	204TH ST PED BRDG	METRO NORTH RR HAR	М	O-PED	1	CITY	08/26/02	3.950	FAIR	4700	\$6,768,000.00	27
41269	В	E 177TH ST	AMTRAK	A	0	3	STATE	6/24/2002	5.514	GOOD	16606	\$23,912,640.00	
41270	В	EAST TREMONT AVE	AMTRAK	Α	0	2	STATE	6/17/2002	5.722	GOOD	22300	\$32,112,000.00	
41329	В	WHITE PLAINS ROAD	AMTRAK	A	0	1	STATE	6/18/2002	4.953	FAIR	6900	\$9,936,000.00	
41330	B	UNIONPORT ROAD	AMTRAK	A	0	1	STATE	6/19/2002	4.875	FAIR	4400	\$6,336,000.00	
41369	B	WILLIAMSBRIDGE RD	AMTRAK	A	0	2	STATE	6/20/2002	4.836	FAIR	10400	\$14,976,000.00	
241390	B	SHORE RD CIRCLE		A	0	2	STATE	11/7/2003	3.254		4800	\$6,912,000.00	
41409	B	GRAND CONCOURSE	METRO NORTH RR HUD METRO NORTH RR HUD	TCM	0	1	STATE STATE	3/19/2002 3/21/2002	3.844 5.234	FAIR GOOD	16100 3600	\$23,184,000.00	
41410	В	WALTON AVE GERARD AVE	METRO NORTH RR HUD	M	0	1	STATE	3/23/2002	6.766	VGOOD	5063	\$5,184,000.00 \$7,290,720.00	
41420	В	RIVER AVE	METRO NORTH RR HUD	M	0	1	STATE	6/19/2003	6.578	VGOOD	5063	\$7,257,600.00	
41450	В	W TREMONT AVE	METRO NORTH RR HUD	M	0	8	STATE	9/9/2002	4.761	FAIR	12900	\$18,576,000.00	
41470	В	W FORDHAM RD	METRO NORTH RR HUD	M	õ	5	STATE	7/8/2003	6.278	VGOOD	16052	\$23,114,880.00	
41489	В	W 225TH ST	CONRAIL PUTNAM	C	0	2	STATE	7/10/2002	5.433	GOOD	10900	\$15,696,000.00	
41490	В	W 230TH ST	CONRAIL PUTNAM	C	0	1	STATE	4/8/2003	5.844	GOOD	5600	\$8,064,000.00	
41509	В	W 231ST ST	CONRAIL PUTNAM	С	0	1	STATE	11/11/2002	5.765	GOOD	4723	\$6,801,120.00	
41510	В	W 233RD ST	CONRAIL PUTNAM	С	0	1	STATE	4/11/2003	5.471	GOOD	3760	\$5,414,400.00	
41520	В	W 234TH ST	CONRAIL PUTNAM	С	0	1	STATE	4/9/2003	5.569	GOOD	3770	\$5,428,800.00	
41550	В	E 144TH ST	METRO NORTH RR HAR	м	0	2	STATE	6/11/2003	6.708	VGOOD	8290	\$11,937,600.00	1
41560	В	E 149TH ST	METRO NORTH RR HAR	м	0	8	STATE	3/14/2002	4.736	FAIR	27900	\$40,176,000.00	1
41590	В	CONCOURSE VILL AVE	METRO NORTH RR HAR	м	0	1	STATE	3/21/2002	4.094	FAIR	17800	\$25,632,000.00	1
41600	В	E 158TH ST	METRO NORTH RR HAR	м	0	1	STATE	6/10/2003	5.233	GOOD	3400	\$4,896,000.00	
41610	В	E 161ST ST	METRO NORTH RR HAR	M	0	1	STATE	6/10/2003	5.383	GOOD	6600	\$9,504,000.00	
41620	В	E 162ND ST	METRO NORTH RR HAR	M	0	1	STATE	2/23/2002	4.983	FAIR	4700	\$6,768,000.00	
41630	В	E 165TH ST	METRO NORTH RR HAR	M	0	1	STATE	4/10/2002	4.483	FAIR	16400	\$23,616,000.00	
41650	В	E 167TH ST	METRO NORTH RR HAR	M	0	1	STATE	2/20/2002	5.863	GOOD	3363	\$4,842,720.00	
41660	В	E 168TH ST	METRO NORTH RR HAR	M	0	1	STATE	2/21/2002	4.922	FAIR	7700	\$11,088,000.00	
41670	в	E 169TH ST	METRO NORTH RR HAR	M	0	1	STATE	2/22/2002	4.875	FAIR	3300	\$4,752,000.00	3

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL	BRIDGE TYPE		RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
241700	В	ST PAULS PL PED BRDG	METRO NORTH RR HAR	M	O-PED	2	CITY	08/29/02	6.296	VGOOD	600	\$864,000.00	3
241710	B	CLAREMONT PKWY	METRO NORTH RR HAR	M	0	1	STATE	2/27/2002	4.484	FAIR	6300	\$9,072,000.00	
241720	В	E 173RD ST	METRO NORTH RR HAR	м	0	1	STATE	2/26/2002	4.583	FAIR	3000	\$4,320,000.00	3
241740	В	E 175TH ST	METRO NORTH RR HAR	М	0	1	STATE	2/28/2002	4.094	FAIR	3600	\$5,184,000.00	
241760	B	E TREMONT AVE	METRO NORTH RR HAR	M	0	1	STATE	10/10/2003	6.700	VGOOD	7300	\$10,512,000.00	
241770	B	E 178TH ST PED BRDG	METRO NORTH RR HAR	M	O-PED	1	CITY	08/28/02	6.730	VGOOD	700	\$1,008,000.00	
241780 241790	B	E 179TH ST PED BRDG E 180TH ST	METRO NORTH RR HAR	M	O-PED O	6	CITY	08/27/02 3/5/2002	6.000 4.078	GOOD FAIR	700 5000	\$1,008,000.00	-
241800	B	E 183TH ST	METRO NORTH RR HAR METRO NORTH RR HAR	M	0	1	STATE	3/6/2002	4.078	FAIR	3600	\$7,200,000.00 \$5,184,000.00	
241810	B	E 188TH ST	METRO NORTH RR HAR	M	0	1	STATE	3/7/2002	4.281	FAIR	5300	\$7,632,000.00	
241820	B	E 187TH ST	METRO NORTH RR HAR	M	0	1	STATE	3/8/2002	4.844	FAIR	3800	\$5,472,000.00	
241839	В	E 189TH ST	METRO NORTH RR HAR	M	0	1	STATE	6/9/2003	6.533	VGOOD	43157	\$62,146,080.00	e
241840	В	BEDFORD PARK BLVD	METRO NORTH RR HAR	M	0	1	STATE	3/9/2002	4.717	FAIR	6400	\$9,216,000.00	27
241860	В	GUN HILL RD	METRO NORTH RR HAR	М	0	2	STATE	3/15/2002	4.279	FAIR	9000	\$12,960,000.00	
241870	B	E 233RD ST	METRO NORTH RR HAR	M	0	1	STATE	3/15/2002	5.157	GOOD	7664	\$11,036,160.00	-
241890	B	E 241ST ST	BRP, METRO NORTH HAR	M	0	28	STATE	11/7/2003	4.653	FAIR	49500	\$71,280,000.00	
241900 241910	B	EASTCHESTER ROAD GUN HILL ROAD	NYCTA-DYRE AVE LN	T	0	3	STATE STATE	7/21/2002 7/21/2002	5.139 6.906	GOOD VGOOD	13500 75000	\$19,440,000.00 \$9,072,000.00	
241910	B	BEDFORD PARK BLVD	NYCTA-DYRE AVE LN NYCTA IND YARDS	T	0	4	STATE	7/20/2002	6.722	VGOOD	46300	\$66,672,000.00	
241940	B	W 205TH ST	NYCTA IND YARDS	T	0	4	STATE	7/20/2002	6.889	VGOOD	32508	\$54,432,000.00	
241959	B	HUTCHINSON RVR PKWY	AMTRAK	A	0	4	STATE	6/21/2002	6.068	VGOOD	15444	\$22,239,360.00	
42010	В	BRONX PELHAM PKWY	BRONX RIVER		WA	1	STATE	5/24/2002	4.931	FAIR	9200	\$13,248,000.00	_
42029	В	SOUTHERN BLVD	BRONX PELHAM PKWY		0	2	STATE	6/4/2002	4.789	FAIR	12900	\$18,576,000.00	
42030	В	CROTONA AVE	BRONX PELHAM PKWY		0	2	STATE	6/4/2002	5.316	GOOD	7600	\$10,944,000.00	
42071	В	BRONX BLVD S.B.	BRONX RIVER		WO	1	STATE	5/24/2002	4.700	FAIR	1800	\$2,592,000.00	
42072	B	BRONX BLVD N.B.	BRONX RIVER	_	WO	1	STATE	5/24/2002	5.033	GOOD	1800	\$2,592,000.00	
42081	B	BRONX BLVD S.B.	BRONX RIVER	_	WO	1	STATE	5/20/2002	4.467	FAIR	2800	\$4,032,000.00	_
42082	B	BRONX BLVD N.B.	BRONX RIVER		WO	1	STATE	5/20/2002	4.467	FAIR	2800	\$4,032,000.00	-
42099	В	PARK ROAD (204TH ST) BOTANICAL GARDEN	BRONX RIVER	_	wo	1	STATE	8/28/2002	4.172	FAIR	4700	\$6,768,000.00	27
42100	в	ROAD	TWIN LAKES		O-PED	1	STATE	5/17/2002	4.967	FAIR	2200	\$3,168,000.00	27
42110	B	BOSTON ROAD	BRONX RIVER		wo	1	STATE	5/16/2002	4.273	FAIR	6200	\$8,928,000.00	
242149	В	E TREMONT AVE	BRONX RIVER		wo	2	STATE	5/15/2002	4.778	FAIR	12900	\$18,576,000.00	
42200	В	YANKEE STDM PED BRDG	E 153 ST, METRO NORTH	М	O-PED	5	CITY	09/03/02	5.000	GOOD	4200	\$6,048,000.00	4
42210	В	S OF ALLERTON AVE	BRONX RIVER		wo	3	STATE	5/17/2002	4.763	FAIR	6200	\$8,928,000.00	27
42220	В	SOUTHERN BLVD	BRONX RIVER		wo	2	STATE	4/23/2002	4.211	FAIR	4800	\$6,912,000.00	-
42259	В	GRAND CONCOURSE	E 161ST ST		0	1	STATE	12/5/2002	3.583	FAIR	24100	\$34,704,000.00	
42260	B	EAGLE AVE	E 161ST ST		0	1	STATE	5/13/2002	5.234	GOOD	2800	\$4,032,000.00	
242280 242299	B	GRAND CONCOURSE	E 167TH ST	_	0	2	STATE	8/21/2002	4.579	FAIR	42900	\$61,776,000.00	
242299	B	GRAND CONCOURSE GRAND CONCOURSE	E 138TH ST E 170TH ST		0	2	STATE STATE	5/9/2003 7/1/2002	5.600 4.789	GOOD FAIR	9500 39300	\$13,680,000.00 \$56,592,000.00	-
42319	В	GRAND CONCOURSE	E 174TH ST	т	0	1	STATE	5/15/2002	4.067	FAIR	14900	\$21,456,000.00	
242329	B	GRAND CONCOURSE	E 175TH ST	T	Ö	1	STATE	10/23/2002	4.467	FAIR	11900	\$17,136,000.00	_
242330	в	GRAND CONCOURSE	E TREMONT AVE		0	1	STATE	10/14/2003	6.483	VGOOD	11700	\$16,848,000.00	
242340	В	GRAND CONCOURSE	EAST KINGSBRIDGE		0	2	STATE	12/6/2002	4.714	FAIR	16500	\$23,760,000.00	_
242350	В	EAST FORDHAM RD	GRAND CONCOURSE		0	1	STATE	5/10/2002	4.567	FAIR	10300	\$14,832,000.00	5
242360	В	GRAND CONCOURSE	BURNSIDE AVE		0	2	STATE	11/7/2002	4.368	FAIR	8400	\$12,096,000.00	5
242370	В	GRAND CONCOURSE	BEDFORD PARK BLVD		0	1	STATE	5/14/2002	4.922	FAIR	8418	\$12,121,920.00	-
242380	B	GRAND CONCOURSE	E 204TH ST	_	0	1	STATE	5/7/2003	5.766	GOOD	9272	\$13,351,680.00	_
42400	B	E 180TH ST	BRONX RIVER BRONX BLVD		wo o	1 4	STATE	10/1/2002	4.810	FAIR	4500 9400	\$6,480,000.00	-
242430 242440	B	GUN HILL ROAD GUN HILL ROAD	BRONX RIVER		wo	4	STATE STATE	8/23/2002 4/25/2002	4.912 5.300	GOOD	8700	\$13,536,000.00 \$12,528,000.00	
242459	B	E 233RD ST	BRONX RIVER	_	wo	1	STATE	5/24/2002	4.367	FAIR	7000	\$10,080,000.00	
242460	В	E 233RD ST	ENTR RD BNX RVR PKWY		0	1	STATE	2/4/2002	5.600	GOOD	5300	\$7,632,000.00	
43010	ĸ	LINCOLN ROAD	BMT SUBWAY, BRIGHTON	т	0	4	STATE	10/9/2003	4.103	FAIR	6100	\$8,784,000.00	
43020	K	PARKSIDE AVE	BMT SUBWAY, BRIGHTON	T	0	6	STATE	7/10/2002	4.217	FAIR	48700	\$70,128,000.00	
43040	к	CROOKE AVE	BMT SUBWAY, BRIGHTON	Т	0	4	STATE	11/11/2003	4.158	FAIR	6000	\$8,640,000.00	
243050	K	CATON AVE	BMT SUBWAY, BRIGHTON	Т	0	4	STATE	11/18/2003	4.500	FAIR	20800	\$29,952,000.00	
43080	ĸ	CHURCH AVE	BMT SUBWAY, BRIGHTON	Т	0	4	STATE	11/21/2003	4.545	FAIR	18200	\$26,208,000.00	
243100	K	BEVERLY ROAD	BMT SUBWAY, BRIGHTON	T	0	3	STATE	11/26/2003	3.982	FAIR	2700	\$3,888,000.00	
43110	K	CORTELYOU ROAD	BMT SUBWAY, BRIGHTON	T	0	3	STATE	12/12/2003	4.044	FAIR	2900	\$4,176,000.00	_
43120 43130	K K	DORCHESTER ROAD	BMT SUBWAY, BRIGHTON	T	0	1	STATE	7/19/2002 12/10/2003	5.804	GOOD GOOD	4825 4100	\$6,948,000.00	
43130	ĸ	DITMAS AVE NEWKIRK AVE	BMT SUBWAY, BRIGHTON BMT SUBWAY, BRIGHTON	T	0	3	STATE STATE	7/16/2003	5.809 4.662	FAIR	4100	\$5,904,000.00 \$5,904,000.00	-
43140	K	FOSTER AVE	BMT SUBWAY, BRIGHTON	T	0	1	STATE	7/18/2002	4.662	FAIR	3000	\$4,320,000.00	_
43170	ĸ	STERLING PLACE	FRANKLIN SHUTTLE	T	0	1	STATE	12/5/2002	6.578	VGOOD	2300	\$3,312,000.00	
43180	K	ST JOHNS PLACE	FRANKLIN SHUTTLE	T	0	1	STATE	12/4/2003	6.781	VGOOD	2200	\$3,168,000.00	
43190	к	LINCOLN PLACE	FRANKLIN SHUTTLE	Т	0	1	STATE	6/24/2002	7.000	VGOOD	2460	\$4,896,000.00	
43200	К	UNION ST	FRANKLIN SHUTTLE	Т	0	2	STATE	6/25/2002	5.048	GOOD	4100	\$5,904,000.00	9
43210	K	PRESIDENT ST	FRANKLIN SHUTTLE	T	0	2	STATE	6/26/2002	5.162	GOOD	2500	\$3,600,000.00	
43220	K	CARROLL ST PED BRDG	FRANKLIN SHUTTLE	T	O-PED	3	CITY	09/26/02	5.484	GOOD	600	\$864,000.00	-
43230	K	CROWN ST	FRANKLIN SHUTTLE	T	0	3	STATE	12/3/2003	5.181	GOOD	4800	\$6,912,000.00	
43240	K	MONTGOMERY ST	FRANKLIN SHUTTLE	T	0	1	STATE	12/1/2003	6.353	VGOOD	2030	\$3,168,000.00	-
43250 43260	K K	WASHINGTON AVE FLATBUSH AVE	FRANKLIN SHUTTLE	T	0	1 2	STATE STATE	6/28/2002 6/28/2002	6.422 5.294	VGOOD GOOD	3657 11300	\$9,360,000.00 \$16,272,000.00	
43260	ĸ	EASTERN PKWY	FRANKLIN SHUTTLE	T	0	2 1	STATE	7/1/2002	5.294 4.861	FAIR	7700	\$16,272,000.00	
43279	K	6TH AVE	LIRR ATLANTIC AVE	L	0	9	STATE	6/1/2002	5.583	GOOD	12276	\$17,677,440.00	
43290	ĸ	CARLTON AVE	LIRR ATLANTIC AVE	L	0	7	STATE	6/2/2002	4.958	FAIR	10823	\$15,585,120.00	
43310	ĸ	2ND AVE	LIRR BAY RIDGE	N	0	6	STATE	11/14/2003	3.925	FAIR	17000	\$24,480,000.00	
43320	ĸ	3RD AVE	LIRR BAY RIDGE	N	Ő	4	STATE	8/25/2003	5.542	GOOD	17230	\$24,811,200.00	
43330	к	4TH AVE	LIRR BAY RIDGE	NT	0	6	STATE	10/17/2003	5.819	GOOD	19400	\$27,936,000.00	
43340	к	15TH AVE	LIRR BAY RIDGE	N	0	1	STATE	6/20/2002	4.804	FAIR	3614	\$5,204,160.00	11
43350	ĸ	60TH ST	LIRR BAY RIDGE	N	0	1	STATE	8/20/2003	6.383	VGOOD	3900	\$5,616,000.00	-
43360	ĸ	16TH AVE	LIRR BAY RIDGE	N	0	1	STATE	6/21/2002	6.683	VGOOD	4345	\$7,632,000.00	
43370 43380	K	17TH AVE	LIRR BAY RIDGE	N	0	1	STATE	6/24/2002	5.000	GOOD	3406	\$4,904,640.00	
	ĸ	18TH AVE	LIRR BAY RIDGE	N	0	1	STATE	6/25/2002	5.328	GOOD	6006	\$8,648,640.00	12

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
243400	к	50TH ST	LIRR BAY RIDGE	N	0	2	STATE	8/14/2003	4.701	FAIR	7100	\$10,224,000.00	12
43410	ĸ	MCDONALD AVE	LIRR BAY RIDGE	N	0	1	STATE	5/27/2002	5.422	GOOD	2760	\$3,974,400.00	
43420	к	E 3RD ST	LIRR BAY RIDGE	N	0	1	STATE	8/28/2003	5.082	GOOD	1500	\$2,160,000.00	12
43439	к	OCEAN PKWY	LIRR BAY RIDGE	N	0	1	STATE	6/28/2002	4.959	FAIR	7000	\$10,080,000.00	
43440	ĸ	CONEY ISLAND AVE	LIRR BAY RIDGE	N	0	1	STATE	7/1/2002	5.234	GOOD	3231	\$4,652,640.00	
43450	K	E 14TH ST	LIRR BAY RIDGE	N	0	1	STATE	7/2/2002	5.596	GOOD	1775	\$2,556,000.00	
43460	K	E 15TH ST - PED OCEAN AVE	LIRR BAY RIDGE	N	O-PED O	3	CITY STATE	04/17/02 7/3/2002	3.650 4.860	FAIR	900 5000	\$1,296,000.00 \$7,200,000.00	
43480	K	BEDFORD AVE	LIRR BAY RIDGE	N	0	6	STATE	7/10/2002	4.860	FAIR	12000	\$17,280,000.00	14
243500	ĸ	NOSTRAND AVE	LIRR BAY RIDGE	N	0	2	STATE	7/11/2002	5.186	GOOD	4320	\$6,220,800.00	
243510	ĸ	FLATBUSH AVE	LIRR BAY RIDGE	N	0	2	STATE	8/12/2003	4.667	FAIR	5700	\$8,208,000.00	18
243520	к	BROOKLYN AVE	LIRR BAY RIDGE	N	0	3	STATE	8/6/2003	6.055	VGOOD	4500	\$6,480,000.00	18
243530	ĸ	AVENUE H	LIRR BAY RIDGE	N	0	2	STATE	8/8/2003	6.338	VGOOD	35100	\$50,544,000.00	18
243569	K	ATLANTIC AVE	LIRR ATLANTIC AVE	L	0	75	STATE	6/11/2002	3.873	FAIR	135100	\$194,544,000.00	16
243570	ĸ	86TH ST	LIRR & SEA BEACH	LT	0	1	STATE	7/31/2002	6.250	VGOOD	3840	\$26,208,000.00	
43580 43590	K	5TH AVE 6TH AVE	LIRR & SEA BEACH LIRR & SEA BEACH	LT	0	4 5	STATE	8/30/2002 10/14/2003	4.500 6.528	FAIR VGOOD	12500 14200	\$18,000,000.00 \$20,448,000.00	10
243600	K	7TH AVE	LIRR & SEA BEACH	LT	0	7	STATE	8/28/2002	5.667	GOOD	18913	\$20,448,000.00	10
243610	ĸ	8TH AVE	LIRR & SEA BEACH	LT	õ	4	STATE	11/13/2003	6.319	VGOOD	11400	\$16,416,000.00	10
43620	ĸ	FORT HAMILTON PKWY	LIRR & SEA BEACH	LT	Ō	3	STATE	8/26/2002	5.627	GOOD	14800	\$21,312,000.00	
43630	к	11TH AVE	LIRR & SEA BEACH	LT	0	5	STATE	8/23/2002	6.809	VGOOD	9700	\$13,968,000.00	10
243640	к	13TH AVE	LIRR & SEA BEACH	LT	0	5	STATE	11/6/2003	4.694	FAIR	16000	\$23,040,000.00	10
43650	к	14TH AVE	LIRR BAY RIDGE	N	0	4	STATE	6/19/2002	4.321	FAIR	10000	\$14,400,000.00	11
43660	K	NEW UTRECHT AVE	LIRR BAY RIDGE	N	0	1	STATE	7/12/2002	7.000	VGOOD	2400	\$3,456,000.00	11
243670	K	15TH AVE	BMT SEA BEACH	T	0	6	STATE	7/26/2002	4.136	FAIR	17300	\$24,912,000.00	
243680 243690	K K	16TH AVE 17TH AVE	BMT SEA BEACH BMT SEA BEACH	T	0	4	STATE	7/23/2002 8/22/2002	5.630 3.711	GOOD	6816 8500	\$9,815,040.00 \$12,240,000.00	11
243690	ĸ	17TH AVE	BMT SEA BEACH	T	0	4	STATE	10/20/2002	3.711	FAIR	8500	\$12,240,000.00	
43710	K	19TH AVE	BMT SEA BEACH	T	0	4	STATE	8/20/2002	4.500	FAIR	4800	\$6,912,000.00	11
43720	ĸ	20TH AVE	BMT SEA BEACH	T	0	6	STATE	8/16/2002	4.795	FAIR	12500	\$18,000,000.00	
43730	K	65TH ST	BMT SEA BEACH	Т	0	4	STATE	8/5/2002	5.947	GOOD	12000	\$17,280,000.00	11
243740	к	BAY PKWY	BMT SEA BEACH	Т	0	4	STATE	8/7/2002	5.079	GOOD	16800	\$24,192,000.00	11
243750	ĸ	AVENUE O	BMT SEA BEACH	Т	0	1	STATE	10/22/2003	5.863	GOOD	4658	\$6,707,520.00	11
43760	K	AVENUE P	BMT SEA BEACH	T	0	1	STATE	10/29/2003	6.791	VGOOD	5544	\$8,640,000.00	
243770	K	KINGS HIGHWAY	BMT SEA BEACH	T	0	1	STATE	10/30/2003	6.767	VGOOD	5032	\$17,280,000.00	
243780	K	HIGHLAWN AVE	BMT SEA BEACH	T	0	1	STATE	10/31/2003	6.440	VGOOD VGOOD	6960	\$16,272,000.00	
43790	ĸ	AVENUE S AVENUE T	BMT SEA BEACH BMT SEA BEACH	T	0	1	STATE	11/5/2003 11/6/2003	6.133 6.033	VGOOD	5360 5360	\$6,912,000.00 \$12,240,000.00	
243810	ĸ	AVENUE U	BMT SEA BEACH	T	0	1	STATE	8/1/2002	6.569	VGOOD	5880	\$12,240,000.00	-
243820	ĸ	21ST AVE	BMT SEA BEACH	T	0 0	4	STATE	8/13/2002	4.132	FAIR	21400	\$30,816,000.00	_
43839	к	4TH AVE	NYCTA BMT TRACKS	т	0	1	STATE	11/14/2003	6.633	VGOOD	5160	\$5,904,000.00	7
243840	к	9TH AVE	NYCTA BMT YARD	Т	0	5	STATE	10/27/2003	6.514	VGOOD	12440	\$17,913,600.00	12
243850	ĸ	LIBERTY AVE	LIRR BAY RIDGE	N	0	4	STATE	8/12/2003	4.294	FAIR	6400	\$9,216,000.00	16
243860	к	GLENMORE AVE	LIRR BAY RIDGE	N	0	2	STATE	8/4/2003	4.088	FAIR	5700	\$8,208,000.00	16
243870	K	PITKIN AVE	LIRR BAY RIDGE	N	0	3	STATE	7/18/2002	4.294	FAIR	5600	\$8,064,000.00	-
243890 243900	K	SUTTER AVE BLAKE AVE	LIRR BAY RIDGE	N	0	3	STATE	8/4/2003	4.118	FAIR GOOD	5400	\$7,776,000.00 \$7,056,000.00	
243900	K	LIVONIA AVE PED BRDG	LIRR BAY RIDGE LINE	N	O-PED	3	STATE CITY	7/19/2002 01/18/01	5.309 5.458	GOOD	4900 2500	\$3,600,000.00	16
43920	ĸ	7TH AVE	NYCTA BMT YARD	T	0	2	STATE	11/4/2003	3.917	FAIR	5200	\$7,488,000.00	7
243940	ĸ	9TH AVE	NYCTA IND SBWY	T	Ō	5	STATE	11/4/2003	4.737	FAIR	11900	\$17,136,000.00	
244010	к	PROSPECT PK E DRIVE	ENDALE ARCH E DRIVE		0	1	CITY	05/07/02	4.367	FAIR	900	\$1,296,000.00	55
244020	к	W DR OV WK-MA.ENT	MEADOWPORT ARCH		0	1	STATE	4/7/2003	5.571	GOOD	2500	\$3,600,000.00	55
244030	ĸ	EAST DRIVE	BRIDLE PATH		0	1	STATE	4/10/2003	5.041	GOOD	2000	\$2,880,000.00	-
244040	ĸ	EAST DRIVE	EAST WOOD ARCH		0	1	CITY	6/30/2003	4.200	FAIR	900	\$1,296,000.00	
44050	ĸ	CENTRAL DRIVE	PED PATH & STREAM		wo	3	STATE	4/16/2003	5.316	GOOD	7400	\$10,656,000.00	
44060 44120	K	CLEFT RIDGE SPAN HILL DRIVE	PROSPECT PARK PROSPECT PK LAKE	_	o wo	1	CITY	6/10/2003 4/18/2003	4.500 3.745	FAIR	900 7800	\$1,296,000.00 \$11,232,000.00	
44120	ĸ	RIDGE BLVD	SHORE RD DRIVE		0	 1	STATE	5/28/2003	6.867	VGOOD	4350	\$10,080,000.00	
244150	K	3RD AVE	SHORE RD DRIVE		0	1	STATE	5/28/2003	6.818	VGOOD	4350	\$10,080,000.00	
44170	ĸ	ATLNTC AV SVC RD E.B.	EAST NEW YORK AVE		õ	2	STATE	7/25/2003	4.737	FAIR	5500	\$7,920,000.00	
44180	к	ATLNTC AV SVC RD W.B.	EAST NEW YORK AVE		0	2	STATE	7/25/2003	4.491	FAIR	6200	\$8,928,000.00	_
44440	к	SOUTH OF TILLARY ST	NAVY ST		O-PED	1	CITY	5/5/2003	4.244	FAIR	6200	\$8,928,000.00	
44460	K	CONDUIT BLVD NB	ATLANTIC AVE EB		0	1	STATE	4/22/2002	5.000	GOOD	3800	\$5,472,000.00	
44470	K	SEELEY ST	PROSPECT AVE	-	0	1	STATE	7/10/2003	4.100	FAIR	7700	\$11,088,000.00	
44480	K	5TH AVE	GREENWOOD CEMETERY	A1	0	1 20	STATE	6/2/2003	5.000	GOOD	3600	\$5,184,000.00	
245010 24501B	M	11TH AVE VIADUCT W 33RD ST	LIRR WEST SIDE YARD AMTRAK 30 ST BRANCH	AL	0	39 8	STATE	11/27/2002 6/28/2002	3.875 4.347	FAIR	157500 16500	\$226,800,000.00 \$23,760,000.00	
4501B	M	W 33RD ST W 33RD ST	LAND ADJ TO AMTRAK	A	0	2	STATE	6/3/2002	4.347	FAIR	4620	\$23,760,000.00	
4501D	M	W 34TH ST	AMTRAK 30 ST BRANCH	Ā	0	4	STATE	6/5/2003	4.653	FAIR	11800	\$16,992,000.00	-
4501E	M	W 35TH ST	AMTRAK 30 ST BRANCH	A	õ	3	STATE	6/25/2002	4.347	FAIR	6500	\$9,360,000.00	
4501F	М	W 36TH ST	AMTRAK 30 ST BRANCH	Α	0	7	STATE	6/26/2002	4.090	FAIR	16400	\$23,616,000.00	
45040	М	FORT TRYON PARK	SOUTH OF CLOISTERS		0	1	CITY	7/15/2003	5.333	GOOD	750	\$1,080,000.00	
45050	М	FORT TRYON PARK	UNDERPASS		0	1	CITY	7/15/2003	4.867	FAIR	750	\$1,080,000.00	-
45060	M	W 37TH ST	AMTRAK 30 ST BRANCH	A	0	3	STATE	10/28/2003	5.984	GOOD	7600	\$10,944,000.00	
45070	M	W 38TH ST	AMTRAK 30 ST BRANCH	A	0	2	STATE	6/26/2002	4.077	FAIR	6200	\$8,928,000.00	
45080	M	W 39TH ST	AMTRAK 30 ST BRANCH	A	0	3	STATE	6/26/2002	4.288	FAIR	6300	\$9,072,000.00	
45090 45100	M	W 43RD ST W 44TH ST	AMTRAK 30 ST BRANCH AMTRAK 30 ST BRANCH	A	0	2	STATE	5/20/2002 5/20/2002	4.765 4.662	FAIR	4100 4300	\$5,904,000.00 \$6,192,000.00	
45100	M	W 44TH ST W 45TH ST	AMTRAK 30 ST BRANCH	A	0	2	STATE	5/21/2002	4.662	FAIR	4300	\$5,904,000.00	_
45110	M	W 46TH ST	AMTRAK 30 ST BRANCH	A	0	2	STATE	6/5/2002	4.632	FAIR	4100	\$5,904,000.00	
45130	M	W 47TH ST	AMTRAK 30 ST BRANCH	Â	0	2	STATE	5/28/2002	4.721	FAIR	4100	\$5,904,000.00	_
45140	M	W 48TH ST	AMTRAK 30 ST BRANCH	Ā	õ	2	STATE	5/29/2002	4.735	FAIR	4100	\$5,904,000.00	
45150	M	W 49TH ST	AMTRAK 30 ST BRANCH	A	0	3	STATE	6/5/2002	4.574	FAIR	4100	\$5,904,000.00	_
45160	M	W 51ST ST	AMTRAK 30 ST BRANCH	A	0	2	STATE	5/30/2002	4.794	FAIR	4300	\$6,192,000.00	-
	м	W 52ND ST	AMTRAK 30 ST BRANCH	Α	0	2	STATE	5/29/2002	5.074	GOOD	4300	\$6,192,000.00	4
45170 45180	M	W 53RD ST	AMTRAK 30 ST BRANCH	Α	0	2	STATE	5/29/2002	5.338	GOOD	5100	\$7,344,000.00	4

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	B.I.N. RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
				1									
245209	М	11TH AVE	AMTRAK 30 ST BRANCH	Α	0	2	STATE	6/17/2002	4.471	FAIR	15400	\$22,176,000.00	4
245210	M	W 42ND ST	AMTRAK 30 ST BRANCH	A	0	4	STATE	7/22/2002	4.429	FAIR	10300	\$14,832,000.00	4
245220 245230	M	W 57TH ST W 148TH ST PED BRDG	AMTRAK 30 ST BRANCH AMTRAK 30 ST BRANCH	A	O O-PED	3	STATE CITY	6/17/2002 09/07/01	4.838 3.692	FAIR	9100 1100	\$13,104,000.00 \$1,584,000.00	4
245250	M	W 158TH ST PED BRDG	AMTRAK 30 ST BRANCH	A	0-PED	7	STATE	11/14/2003	6.431	VGOOD	29170	\$1,584,000.00	12
245260	M	W 173RD ST PED BRDG	AMTRAK 30 ST BRANCH	A	O-PED	2	CITY	10/15/02	4.657	FAIR	1500	\$2,160,000.00	12
45290	М	W 155TH ST PED BRDG	AMTRAK 30 ST BRANCH	Α	O-PED	3	CITY	09/09/02	3.646	FAIR	800	\$1,152,000.00	9
245300	M	INWOOD HILL PK FTBR	AMTRAK 30 ST BRANCH	A	O-PED	6	CITY	09/30/02	4.361	FAIR	700	\$1,008,000.00	12
245319 245330	M	E 97TH ST W 41ST ST	METRO NORTH MAIN LN AMTRAK 30 ST BRANCH	A	0	1	STATE STATE	11/25/2002 7/22/2002	4.686 4.159	FAIR	3200 6200	\$4,608,000.00 \$8,928,000.00	8
245340	M	W 50TH ST	AMTRAK 30 ST BRANCH	Ā	0	2	STATE	5/30/2002	4.647	FAIR	4100	\$5,904,000.00	4
45350	M	W 54TH ST	AMTRAK 30 ST BRANCH	A	0	2	STATE	6/3/2002	5.603	GOOD	4700	\$6,768,000.00	4
245360	M	W 55TH ST	AMTRAK 30 ST BRANCH	Α	0	2	STATE	6/3/2002	5.529	GOOD	4300	\$6,192,000.00	4
245370	M	W 56TH ST	AMTRAK 30 ST BRANCH	Α	0	2	STATE	6/3/2002	5.368	GOOD	4400	\$6,336,000.00	4
245380 245420	M	E 66TH ST W 65TH ST E.B.	PED WALK N. OF ZOO BRIDLE PATH W END	_	0	1	STATE STATE	3/18/2002 4/1/2002	5.000 4.864	GOOD	1500 1600	\$2,160,000.00 \$2,304,000.00	8 64
245440	M	W 40TH ST	AMTRAK 30 ST BRANCH	Α	0	4	STATE	12/14/2003	3.956	FAIR	9400	\$2,304,000.00	4
245460	M	PARK AVE S.B.	E 45TH ST		0	1	STATE	8/29/2003	4.946	FAIR	2400	\$3,456,000.00	5
245470	М	PARK AVE N.B	E 45TH ST		0	1	STATE	9/17/2003	4.865	FAIR	2400	\$3,456,000.00	5
45480	M	TO GWB OPP W 171ST ST	RIVERSIDE DRIVE	_	0	1	STATE	9/3/2002	5.333	GOOD	10800	\$15,552,000.00	12
46000	M	WEST DRIVE	PED BET 61ST & 62ST	_	0	1	STATE	3/14/2002	5.267	GOOD	2500	\$3,600,000.00	64
46030 46040	M	PEDESTRIAN BRIDGE EAST DR AT CNTRL PARK	POND PEDESTRIAN WALK	_	O-PED O	1	CITY	7/28/2003 06/20/03	4.448 5.000	FAIR GOOD	1400 1200	\$2,016,000.00 \$1,728,000.00	64 5
46040	M	CENTRAL DRIVE	PED OPP 63RD ST	-	0	1	STATE	3/25/2002	5.000	GOOD	2000	\$2,880,000.00	64
46069	M	EAST DRIVE	PEDESTRIAN WALK		õ	1	STATE	3/25/2002	4.500	FAIR	2700	\$3,888,000.00	64
46070	М	CPK UNDER CENTR DR	OPP 65TH ST-IN E&W		0	1	CITY	6/23/2003	5.733	GOOD	1200	\$1,728,000.00	64
46080	M	WEST DRIVE	BRIDLE PATH @ 64TH ST		0	1	STATE	4/2/2002	4.667	FAIR	2000	\$2,880,000.00	64
46090	M	PED BRDG OPP 65 ST	TRANSVERSE RD #1		O-PED	1	CITY	6/21/2003	4.483	FAIR	2300	\$3,312,000.00	64
46100 46110	M	CONTRAL DRIVE EAST DRIVE	TRANSVERSE RD #1 TRANSVERSE RD #1		0	1	STATE STATE	5/18/2002 5/19/2002	4.333 4.567	FAIR	6000 6000	\$8,640,000.00 \$8,640,000.00	64 64
46110	M	WEST DRIVE	TRANSVERSE RD #1	_	0	1	STATE	5/19/2002	4.567	FAIR	7900	\$11,376,000.00	64
46130	M	CENTRAL PARK	UNDER EAST DRIVE	_	0	1	CITY	6/20/2003	4.276	FAIR	1200	\$1,728,000.00	64
246140	М	72ND ST ENT TO W DR	BRIDLE PATH		0	1	STATE	2/26/2002	4.867	FAIR	3600	\$5,184,000.00	64
46150	М	72ND ST CROSS DR	NEAR CONCERT GRNDS		0	3	STATE	3/6/2002	4.941	FAIR	7300	\$10,512,000.00	64
46170	M	EAST DRIVE	PED WALK @ 73RD ST	_	0	1	STATE	3/6/2002	5.019	GOOD	1900	\$2,736,000.00	64
46230 46240	M	EAST DRIVE WEST DRIVE	TRANSVERSE RD #2 TRANSVERSE RD #2	_	0	1	STATE STATE	6/2/2002 6/2/2002	4.533 4.167	FAIR	6500 7200	\$9,360,000.00 \$10,368,000.00	64 64
46240	M	EAST DRIVE	TRANSVERSE RD #2	_	0	1	STATE	4/21/2002	4.167	FAIR	5100	\$7,344,000.00	64
46260	M	WEST DRIVE	TRANSVERSE RD #3		0 0	1	STATE	4/21/2002	4.800	FAIR	5100	\$7,344,000.00	64
46270	M	EAST DRIVE	TRANSVERSE RD #4		0	1	STATE	6/8/2002	3.967	FAIR	7000	\$10,080,000.00	64
46280	M	WEST DRIVE	TRANSVERSE RD #4		0	1	STATE	6/8/2002	4.133	FAIR	4700	\$6,768,000.00	64
46330	M	WEST DRIVE	FEEDER TO LAKE		wo	1	STATE	3/4/2002	5.000	GOOD	6700	\$9,648,000.00	64
246350	M		S OF CLEOPATRAS NDL	_	0	1	CITY	6/23/2003	4.300	FAIR	750	\$1,080,000.00	64
246360 246400	M	WEST DRIVE E FOOTBRIDGE	PED WALK OPP 82 ST TRANSVERSE RD #2	_	O O-PED	1	STATE CITY	3/5/2002 10/4/2003	6.136 4.500	VGOOD FAIR	3100 3700	\$4,464,000.00 \$5,328,000.00	64 64
246410	M	TRANSVERSE RD. #1	PED WALK NEAR 5 AV		0	1	STATE	3/15/2002	4.364	FAIR	2000	\$2,880,000.00	8
46430	М	WEST DRIVE	PED OPP 109TH ST		0	1	STATE	3/8/2002	4.183	FAIR	1200	\$1,728,000.00	64
46440	М	PED IN CTR OF PK	TRANSVERSE RD NO.2		O-PED	1	CITY	10/4/2003	4.655	FAIR	5900	\$8,496,000.00	64
246450	M	79 ST ENTR TO E DR	PED PATH OPP 77TH ST	_	0	1	STATE	2/27/2002	5.190	GOOD	5000	\$7,200,000.00	64
46460	M	77 ST ENTR TO W DR	PED PATH OPP 77TH ST	_	0	2	STATE	3/7/2002	4.789	FAIR	5800	\$8,352,000.00	64
246470 246489	M	EAST DRIVE W 181 ST	THE LOCH RAMP TO WASH BR	_	wo	1	STATE	4/3/2002 3/28/2002	4.700 4.633	FAIR	1100 8200	\$1,584,000.00 \$11,808,000.00	64 12
246490	M	A.C. POWELL BLVD N.B.	A.C. POWELL BLVD		0	1	STATE	4/10/2002	4.061	FAIR	5600	\$8,064,000.00	10
46500	M	FORT TRYON PLACE	ENTR FROM RIVERSIDE DR		0	1	STATE	4/12/2002	4.233	FAIR	6600	\$9,504,000.00	
46510	М	CORBIN PL OVERPASS	CORBIN PLACE		0	1	STATE	3/11/2002	5.133	GOOD	2200	\$3,168,000.00	12
46540	M	E 34TH ST	PARK AVE TUNNEL		ОТ	1	STATE	9/9/2003	4.033	FAIR	36200	\$52,128,000.00	5
46550	M	PARK AVE VIADUCT	E 42ND ST		0	10	STATE	10/29/2003	4.716	FAIR	19600	\$28,224,000.00	
46560 46570	M	TUDOR CITY PLACE UNITED NATIONS PL	E 42ND ST FIRST AVE TUNNEL		O OT	1	STATE STATE	4/25/2002 10/31/2002	5.056 5.000	GOOD GOOD	6600 92200	\$9,504,000.00 \$132,768,000.00	
46570	M	W 176TH ST PED BRDG	APPROACH TO G.W.B.	_	O-PED	2 1	CITY	3/21/2002	5.000 4.517	FAIR	1200	\$132,768,000.00	
46620	M	PEDESTRIAN BRIDGE	E 128TH ST		O-PED	18	CITY	04/24/02	4.717	FAIR	2300	\$3,312,000.00	
46660	М	RIVERSIDE DRIVE	W 125TH ST & OTHERS		0	27	STATE	6/25/2003	4.500	FAIR	148300	\$213,552,000.00	9
46670	M	W 134 ST VIADUCT	RIVERSIDE DRIVE		0	3	STATE	6/27/2003	4.852	FAIR	7927	\$11,414,880.00	
46690	M	ISHAM PK VEHICULR	HARLEM RIVER INLET		0	1	STATE	11/12/2002	6.652	VGOOD	700	\$1,008,000.00	
46710 46720	M	W 153 ST RIVERSIDE DRIVE	A.C. POWELL BLVD W 158TH ST	_	0	1 77	STATE STATE	4/10/2002 11/19/2003	4.389 3.542	FAIR	3082 181400	\$4,438,080.00 \$261,216,000.00	
46720	M	RIVERSIDE DRIVE	W 96TH ST		0	3	STATE	6/9/2003	5.618	GOOD	10600	\$15,264,000.00	9
46980	M	RIVERSIDE DRIVE	W 138TH ST		0	1	STATE	4/23/2002	4.900	FAIR	6700	\$9,648,000.00	
46990	М	129 - 130 ST PED BRDG	RAMP OFF 3RD AVE		O-PED	5	CITY	05/29/02	4.238	FAIR	500	\$720,000.00	
47020	Q	94TH ST PED BRDG	LIRR N SIDE DIV	L	O-PED	5	CITY	12/16/02	4.211	FAIR	500	\$720,000.00	
47040	Q	UNION ST	LIRR N SIDE DIV	L	0	1	STATE	6/11/2003	6.391	VGOOD	3313	\$4,770,720.00	
47050 47060	Q Q	BOWNE AVE PARSONS BLVD	LIRR N SIDE DIV LIRR N SIDE DIV	L	0	1	STATE STATE	8/1/2002 8/2/2002	5.863 5.451	GOOD GOOD	4974 4200	\$7,162,560.00 \$6,048,000.00	
47060	Q	147TH ST	LIRR N SIDE DIV	L	0	1	STATE	6/11/2003	5.627	GOOD	2800	\$4,032,000.00	
47080	Q	149TH ST	LIRR N SIDE DIV	L	0	1	STATE	6/11/2003	4.776	FAIR	4100	\$5,904,000.00	
47090	Q	149TH PLACE	LIRR N SIDE DIV	Ē	Ō	2	STATE	6/11/2003	5.386	GOOD	4300	\$6,192,000.00	
47100	Q	150TH ST	LIRR N SIDE DIV	L	0	2	STATE	6/11/2003	6.588	VGOOD	7830	\$11,275,200.00	7
47110	Q	MURRAY ST	LIRR N SIDE DIV	L	0	1	STATE	6/11/2003	5.556	GOOD	4000	\$5,760,000.00	
47120	Q	WOODSIDE AVE		L	0	3	STATE	7/19/2003	4.444	FAIR	14900	\$21,456,000.00	
47130	Q		LIRR N SIDE DIV		0	1	STATE	6/13/2003	6.529	VGOOD	4340	\$6,249,600.00	
47140 47150	Q	BELL BLVD 65TH ST	LIRR N SIDE DIV	L	0	1	STATE STATE	6/13/2003 7/2/2003	5.881 6.542	GOOD VGOOD	4320 6344	\$6,220,800.00 \$8,640,000.00	11
47150	Q	65TH PLACE	LIRR N SHR DIV	L	0	3	STATE	7/2/2003	6.471	VGOOD	8381	\$12,068,640.00	
47170	Q	DOUGLASTON PKWY	LIRR N SIDE DIV	L	0	3	STATE	7/1/2002	5.288	GOOD	6300	\$9,072,000.00	
47180	Q	GRAND AVE	LIRR MAIN LINE	L	Ō	3	STATE	7/23/2002	5.000	GOOD	7415	\$10,677,600.00	
47190	Q	55TH AVE PED BRDG	LIRR MAIN LINE	L	O-PED	3	CITY	12/07/00	4.429	FAIR	13000	\$18,720,000.00	4
47220	Q	80TH ROAD	LIRR MAIN LINE	L	0	3	STATE	6/24/2003	5.000	GOOD	4100	\$5,904,000.00	9

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL	NTORY SO BRIDGE TYPE	SPANS	RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
247230	Q	82ND AVE	LIRR MAIN LINE	L	0	3	STATE	6/24/2003	5.443	GOOD	4100	\$5,904,000.00	
47240	Q	LEFFERTS BLVD		L	0	3	STATE	6/25/2003	5.917	GOOD	5460	\$7,862,400.00	_
47260	Q	JACKSON AVE	LIRR,AMT,CON NE	L	0	1	STATE	11/4/2002	6.183	VGOOD	4517	\$6,504,480.00	
247270	Q	21ST STREET		c	0	6	STATE	7/7/2003	5.528	GOOD	17590	\$25,329,600.00	-
247290 247300	Q	49TH AVE THOMPSON AVE	LIRR,AMT,CON NE AMTRAK YARD	L	0	5 14	STATE STATE	11/1/2002 12/13/2002	4.389 5.333	FAIR GOOD	20200 61280	\$29,088,000.00 \$88,243,200.00	
247310	Q	QUEENS BLVD	AMTRAK & LIRR YARD	L	0	14	STATE	12/10/2002	6.465	VGOOD	92400	\$133,056,000.00	
247320	Q	HONEYWELL ST	AMTRAK & LIRR YARD	AL	0	22	STATE	7/30/2003	6.569	VGOOD	98300	\$141,552,000.00	
247330	Q	39TH ST (NORTH)	SUNNYSIDE YARDS	AL	0	14	STATE	9/9/2003	6.556	VGOOD	48200	\$69,408,000.00	
247370	Q	37TH AVE	CONRAIL HELLGATE	С	0	1	STATE	8/6/2003	4.818	FAIR	5300	\$7,632,000.00	
47380	Q	ROOSEVELT AVE	CONRAIL HELLGATE	C	0	2	STATE	9/23/2002	5.042	GOOD	5200	\$7,488,000.00	_
47390	Q	41ST AVE WOODSIDE AVE	CONRAIL HELLGATE	C C	0	2	STATE STATE	8/6/2003 8/7/2003	4.942 5.067	FAIR GOOD	4000 8200	\$5,760,000.00 \$11,808,000.00	
47400	Q	43RD AVE	CONRAIL	c	0	1	STATE	8/8/2003	5.033	GOOD	4800	\$6,912,000.00	-
247420	Q	44TH AVE	CONRAIL	C	0	1	STATE	8/8/2003	5.033	GOOD	5100	\$7,344,000.00	_
247430	Q	45TH AVE	CONRAIL	С	0	1	STATE	8/8/2003	5.510	GOOD	2400	\$3,456,000.00	-
47440	Q	GRAND AVE	CONRAIL	С	0	1	STATE	8/11/2003	6.567	VGOOD	3400	\$4,896,000.00	-
47450	Q	57TH AVE	CONRAIL	C	0	1	STATE	8/11/2003	6.195	VGOOD	2248	\$3,456,000.00	-
47460	Q	CALDWELL AVE	CONRAIL	C	0	1	STATE	9/24/2002	6.639	VGOOD	2243	\$3,229,920.00	
47470 47480	Q	ELIOT AVE JUNIPER BLVD SO	CONRAIL	C C	0	1	STATE	8/12/2003 8/12/2003	5.250 5.556	GOOD GOOD	3600 8500	\$5,184,000.00 \$12,240,000.00	
47490	Q	69TH ST JUNPR BLVD	CONRAIL	c	0	1	STATE	9/25/2002	5.455	GOOD	6175	\$8,892,000.00	-
47500	Q	METROPOLITAN AVE	CONRAIL	c	õ	1	STATE	8/12/2003	4.167	FAIR	18650	\$26,856,000.00	
47530	Q	ANDREWS AVE	LIRR MONTAUK DIV	L	0	4	STATE	6/16/2003	4.113	FAIR	3200	\$4,608,000.00	
47540	Q	60TH ST	LIRR MONTAUK DIV	L	0	2	STATE	6/17/2003	5.264	GOOD	5340	\$7,689,600.00	-
47550	Q		LIRR MONTAUK DIV	L	0	2	STATE	6/18/2003	5.894	GOOD	9200	\$13,248,000.00	_
47570 47590	Q	80TH ST FOREST PARK DRIVE	71ST TO 77TH AVE LIRR MONTAUK DIV	L	0	5 5	STATE STATE	8/9/2002 6/23/2003	5.169 5.404	GOOD	11725 6000	\$16,884,000.00 \$8,640,000.00	
47600	Q	PARK LANE SOUTH	LIRR MONTAUK DIV	AL	0	1	STATE	7/31/2002	7.000	VGOOD	3024	\$8,496,000.00	
47620	Q	MYRTLE AVE	ABANDONED LIRR	L	0	3	STATE	3/27/2002	5.250	GOOD	6725	\$9,684,000.00	
		PED BRG NEAR UNION											
47630	Q	TPK	ABANDONED LIRR		O-PED	8	CITY	8/6/2003	5.154	GOOD	900	\$1,296,000.00	
47640	Q	39 ST (SOUTH)	AMTRAK & LIRR YARD	AL	0	9	STATE	9/10/2003	6.125	VGOOD	34100	\$49,104,000.00	-
47650 47660	Q	60TH RD PED BRDG FOREST PARK DRIVE	LIRR MAIN LINE ABANDONED LIRR	L	O-PED O	3	CITY STATE	01/14/03 6/2/2003	5.207 5.254	GOOD GOOD	2293 10000	\$3,301,920.00 \$14,400,000.00	
47680	Q	221ST ST	LIRR N SIDE DIV	L	0	3	STATE	6/12/2003	6.000	GOOD	6050	\$8,712,000.00	
48019	Q	WOODHAVEN BLVD	ATLANTIC AVE	_	0	3	STATE	7/15/2002	4.472	FAIR	19400	\$27,936,000.00	-
48020	Q	WHITELAW PED BRDG	CONDUIT AVE		O-PED	7	CITY	4/24/2003	4.775	FAIR	5500	\$7,920,000.00	
48039	Q	CROSS BAY BLVD	CONDUIT BLVD		0	2	STATE	6/6/2003	3.535	FAIR	17000	\$24,480,000.00	
48040	Q	LINDEN BLVD	CONDUIT AVE		0	1	STATE	5/23/2002	5.233	GOOD	3352	\$4,826,880.00	-
48129	Q	UNION TPKE	CREEDMOORE HOSP RD		0	1	STATE	5/9/2003	4.867	FAIR	3500	\$5,040,000.00	_
48159 48160	Q	WOODHAVEN BLVD ELLIOT AVE	QUEENS BLVD QUEENS BLVD		0	2	STATE STATE	6/18/2002	4.308	FAIR	11500 13785	\$16,560,000.00	
48200	Q	RUST ST	FLUSHING AVE		0	2	STATE	8/23/2002 5/12/2003	4.922 5.547	GOOD	2900	\$19,850,400.00 \$4,176,000.00	-
48220	Q	FLUSHING AV SERVICE	FLUSHING AVE		0	1	STATE	5/12/2003	5.125	GOOD	3000	\$4,320,000.00	
48230	Q		BEACH CHANNEL DR EB		0	1	STATE	5/19/2003	4.400	FAIR	3600	\$5,184,000.00	
48240	Q	TURNAROUND	OVER FLUSHING AVE		ο	1	STATE	5/12/2003	5.250	GOOD	2900	\$4,176,000.00	
48250	Q	102ND ST	HAWTREE BASIN		wo	3	STATE	7/15/2003	6.574	VGOOD	3200	\$4,608,000.00	
48260	Q		MEADOW LAKE & 69TH RD		wo	5	STATE	4/25/2002	4.891	FAIR	4200	\$6,048,000.00	-
48299	Q		AUSTIN ST		0	1	STATE	3/22/2002	4.750	FAIR	5900	\$8,496,000.00	-
48300	Q	71ST AVE FOREST PARK DR	COOPER AVE MYRTLE AVE		0	3	STATE STATE	5/9/2003 5/8/2003	4.458 5.081	FAIR GOOD	2800 5100	\$4,032,000.00 \$7.344.000.00	
48369	Q	ROCKAWAY BLVD	THURSTON BASIN		wo	2	STATE	6/25/2003	5.158	GOOD	6000	\$8,640,000.00	-
49040	R	TOMPKINS AVE	B&O RR (ABANDONED)		0	1	STATE	4/9/2002	6.438	VGOOD	5096	\$7,338,240.00	
49070	R	JOHN ST	B&O RAILROAD	0	O-PED	3	CITY	3/12/2003	6.806	VGOOD	5800	\$8,352,000.00	
49090	R	MORNINGSTAR ROAD	B&O RAILROAD	0	0	4	STATE	4/14/2003	5.339	GOOD	7900	\$11,376,000.00) .
49100	R	GRANITE AVE	B&O RAILROAD	0	0	4	STATE	4/10/2002	6.237	VGOOD	7300	\$10,512,000.00	
49110	R		B&O RAILROAD	0	0	3	STATE	4/9/2003	5.926	GOOD	5900	\$8,496,000.00	
49120	R	SIMONSON AVE	B&O RAILROAD	0	0	3	STATE	5/1/2003	6.111	VGOOD	5819	\$8,379,360.00	
49130 49140	R	VAN NAME AVE VAN PELT AVE	B&O RAILROAD B&O RAILROAD	0	0	3	STATE STATE	4/10/2003 4/16/2003	5.492 5.780	GOOD GOOD	5474 5000	\$7,882,560.00 \$7,200,000.00	
49140	R	DE HART AVE	B&O RAILROAD	0	0	4	STATE	5/5/2003	6.500	VGOOD	6700	\$9,648,000.00	
49170	R	UNION AVE	B&O RAILROAD	0	0	4	STATE	5/8/2003	5.352	GOOD	6500	\$9,360,000.00	
49180	R	HARBOR ROAD	B&O RAILROAD	0	0	4	STATE	5/6/2003	6.356	VGOOD	6615	\$9,525,600.00	
49200	R	SOUTH AVE	B&O RAILROAD	0	0	3	STATE	9/29/2003	6.927	VGOOD	8322	\$14,544,000.00	
49210	R	MAIN ST PED BRDG	SIRT SOUTH SHORE	S	O-PED	9	CITY	5/14/2003	4.710	FAIR	400	\$576,000.00	
49230	R	TRACY AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	9	CITY	5/1/2003	3.158	FAIR	200	\$288,000.00	
49240 49250	R	ARTHUR KILL ROAD BETHEL AV PED BRDG	SIRT SOUTH SHORE SIRT SOUTH SHORE	S S	O O-PED	1 12	STATE CITY	6/17/2002 6/11/2003	4.833 3.980	FAIR FAIR	3700 500	\$5,328,000.00 \$720,000.00	
49269	R	PAGE AVE	SIRT SOUTH SHORE	S	0-PED	4	STATE	10/16/2003	6.306	VGOOD	30420	\$43,804,800.00	
49270	R	RICHMMD VALLY ROAD	SIRT SOUTH SHORE	S	0	4	STATE	10/14/2003	5.299	GOOD	9300	\$13,392,000.00	
19280	R	COZZINS BLVD PED BRDG		S	O-PED	7	CITY	6/17/2003	4.902	FAIR	200	\$288,000.00	
49290	R	SEGUINE AVE	SIRT SOUTH SHORE	S	0	1	STATE	10/15/2003	6.016	VGOOD	2200	\$3,168,000.00	-
9300	R	HUGUENOT AVE	SIRT SOUTH SHORE	S	0	2	STATE	10/14/2003	4.955	FAIR	4900	\$7,056,000.00	-
19320	R		SIRT SOUTH SHORE	S	0	3	STATE	10/17/2003	4.787	FAIR	6500	\$9,360,000.00	-
49330 49350	R	ANNADALE ROAD NELSON AVE PED BRDG	SIRT SOUTH SHORE SIRT SOUTH SHORE	S S	O O-PED	2	STATE CITY	10/19/2003 6/2/2003	4.455 4.725	FAIR FAIR	4500 300	\$6,480,000.00 \$432,000.00	
49350	R	GIFFORDS LANE	SIRT SOUTH SHORE	S	0-PED	1	STATE	6/18/2002	4.725 5.844	GOOD	300	\$4,380,480.00	
19370	R	GREAVES AVE	SIRT SOUTH SHORE	S	0	3	STATE	10/18/2002	6.750	VGOOD	6100	\$8,784,000.00	
49380	R	GUYON AVE	SIRT SOUTH SHORE	S	õ	3	STATE	10/19/2003	4.869	FAIR	6900	\$9,936,000.00	
		CEDARVIEW AVE PED											
49390	R	BRDG	SIRT SOUTH SHORE	S	O-PED	5	CITY	6/10/2003	4.684	FAIR	600	\$864,000.00	-
49400	R	BEACH AVE	SIRT SOUTH SHORE	S	0	2	STATE	10/23/2003	5.697	GOOD	3700	\$5,328,000.00	
49410	R	ROSS AVE	SIRT SOUTH SHORE	S	0	2	STATE	10/24/2003	5.500	GOOD	3800	\$5,472,000.00	
		ROSE AVE	SIRT SOUTH SHORE	S	0	2	STATE	10/25/2003	5.712	GOOD	3800	\$5,472,000.00	
49420 49430	R	NEW DORP LANE	SIRT SOUTH SHORE	S	0	2	STATE	10/18/2003	4.903	FAIR	7600	\$10,944,000.00	

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL	BRIDGE TYPE		RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
249450	R	FREMONT AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	3	CITY	6/12/2003	4.459	FAIR	800	\$1,152,000.00	2
249460	R	LINCOLN AVE	SIRT SOUTH SHORE	S	0	1	STATE	10/25/2003	5.552	GOOD	4500	\$6,480,000.00	2
249470	R	MIDLAND AVE	SIRT SOUTH SHORE	S	0	1	STATE	10/26/2003	5.603	GOOD	3000	\$4,320,000.00	2
249480	R	FINGERBOARD ROAD	SIRT SOUTH SHORE	S	0	2	STATE	10/26/2003	6.764	VGOOD	5100	\$7,344,000.00	2
249490	R	CLOVE ROAD	SIRT SOUTH SHORE	S	0	3	STATE	6/19/2002	6.264	VGOOD	5270	\$11,808,000.00	2
249510 249520	R	TOMPKINS AVE HANNAH ST	WILLOW AVE, SIRT SIRT SOUTH SHORE	S	0	2 10	STATE STATE	6/20/2002 10/21/2003	5.525 5.119	GOOD GOOD	5378 10020	\$7,744,320.00 \$14,428,800.00	1
49520	ĸ	MINTHORNE ST PED	SIKT SOUTH SHOKE	3	0	10	STATE	10/21/2003	5.119	GOOD	10020	\$14,420,000.00	- 1
49530	R	BRDG	SIRT SOUTH SHORE	s	O-PED	23	CITY	9/17/2003	6.170	VGOOD	1600	\$2,304,000.00	1
49580	R	BELFIELD AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	5	CITY	5/15/2003	4.277	FAIR	400	\$576,000.00	3
49760	R	MARTLINGS AVE	RICHMOND LAKE DAM		wo	2	STATE	6/9/2003	4.933	FAIR	7000	\$10,080,000.00	1
49800	R	FOREST AVE	CLOVE LAKES PK STREAM		wo	1	STATE	9/9/2003	4.767	FAIR	1600	\$2,304,000.00	1
49810	R	HYLAN BLVD	LEMON CREEK		wo	1	STATE	4/12/2002	6.625	VGOOD	11400	\$16,416,000.00	3
49820	R	ARTHUR KILL ROAD	ARTHUR KILL STREAM		wo	1	STATE	5/9/2003	4.122	FAIR	2000	\$2,880,000.00	3
49840	R	TOMPKINS AVE	GREENFIELD AVE		0	1	STATE	4/15/2002	5.277	GOOD	2562	\$3,689,280.00	1
49860 49870	R	SLATER BLVD TRAVIS AVE	NEW CREEK MAIN CREEK		wo wo	1	STATE STATE	4/14/2003 8/5/2003	5.959 6.100	GOOD VGOOD	3500 1700	\$5,040,000.00	2
49870	R	CHELSEA ROAD	SAWMILL CREEK		wo	1	STATE	5/12/2003	6.981	VGOOD	2205	\$2,448,000.00 \$3,163,680.00	2
43000 57569	M	MILLER HIGHWAY	TERRAIN		A	63	STATE	7/1/2003	5.000	GOOD	287539	\$414,056,160.00	7
66129	Q	WINCHESTER BLVD S.B.	BCIP		A	1	STATE	5/24/2002	4.592	FAIR	4400	\$6,336,000.00	
66139	Q	WINCHESTER BLVD N.B.	BCIP		A	1	STATE	5/24/2002	4.714	FAIR	6400	\$9,216,000.00	11
66149	Q	HEMPSTEAD AVE	CROSS ISLAND PKWY		Α	2	STATE	7/11/2002	4.077	FAIR	9500	\$13,680,000.00	13
66160	Q	678I SB TO BCIP EB	ACCESS RD FROM 678I		Α	1	STATE	5/20/2002	4.438	FAIR	2300	\$3,312,000.00	7
66229	M	HHP	PED UNDERPASS @ 148 ST		Α	1	STATE	4/8/2002	5.621	GOOD	1800	\$2,592,000.00	9
66230	M	ННР	PED UNDERPASS INWD PK		Α	1	STATE	2/22/2002	6.211	VGOOD	800	\$1,152,000.00	
66240	M	HHP	PED UNDERPASS INWD PK		Α	1	STATE	3/11/2002	5.762	GOOD	1100	\$1,584,000.00	12
CCE 40		BRUCKNER BLVD	133RD - 135TH ST			2	OTATE	E/7/2002	4.645		22000	¢ 47 270 000 00	
66540 6672A	B	OVRPAS W 31ST ST		Α	A O	9	STATE STATE	5/7/2003 7/22/2002	4.645 3.587	FAIR	32900 8800	\$47,376,000.00	1
66770	Q	CROSS ISLAND PKWY	AMTRAK LAYUP TRACKS	A	A		STATE	7/3/2002	5.250	GOOD	9508	\$12,672,000.00 \$13,691,520.00	
67130	M	RIVERSIDE DRIVE	W 145TH ST		ō	1	STATE	6/11/2003	4.867	FAIR	5800	\$8,352,000.00	9
67160	Q	ROOSEVELT AVE	FLUSHING MDW PK ROAD		õ	4	STATE	5/23/2003	4.746	FAIR	7280	\$10,483,200.00	
67199	Q	FRANCIS LEWIS BLVD	PARK ROAD		0	1	STATE	6/3/2003	5.167	GOOD	7085	\$10,202,400.00	8
67240	M	HRD NB RAMP	HARLEM RIVER DR		Α	51	STATE	9/23/2003	3.000	POOR	112860	\$162,518,400.00	12
67250	M	HHP	AMTRAK 30TH ST LINE	Α	Α	55	STATE	7/22/2002	3.435	FAIR	40000	\$57,600,000.00	7
67380	M	WEST STREET	RECTOR ST		AT	1	STATE	10/14/2003	5.033	GOOD	4320	\$6,220,800.00	1
67717	M	79 ST PED PLAZA	79 ST BT BASIN GAR		Α	10	STATE	5/2/2003	4.593	FAIR	27400	\$39,456,000.00	7
67718	M	79 ST TRAFFIC CIRC	79 ST PED PLAZA		A	34	STATE	5/13/2003	3.934	FAIR	24130	\$34,747,200.00	7
6771A		79 ST RAMP TO HHP	79 ST BT BASIN GAR		AR	4	STATE	5/16/2003	4.242	FAIR	3131	\$4,508,640.00	7
6771B	M	79 ST RAMP TO GAR	79 ST BT BASIN GAR		AR	21	STATE	5/23/2003	4.452	FAIR	7114	\$10,244,160.00	7
6771C	M	GAR RAMP TO 79 ST SB HHP RAMP TO 79 ST	79 ST BT BASIN GAR 79 ST BT BASIN GAR		AR AR	21 4	STATE STATE	6/9/2003 5/29/2003	4.726 4.645	FAIR	9095 2601	\$13,096,800.00	7
0//10	IVI	BROOKLYN BR	79 ST BT BASIN GAR		AR	4	STATE	5/29/2003	4.045	FAIR	2001	\$3,745,440.00	_ '
67860	ĸ	APPROACH	SANDS STREET		o	1	STATE	5/14/2002	4.732	FAIR	6490	\$9,345,600.00	2
68350	K		278I N.B. (B.Q.E.)		A-PED	35	CITY	04/17/03	4.500	FAIR	46184	\$66,504,960.00	6
68480	M	CHAMBERS ST PED BRDG			O-PED	8	CITY	8/12/2003	5.849	GOOD	3344	\$4,815,360.00	1
68497	к	278I W.B. (B.Q.E.)	FURMAN ST		Α	45	STATE	6/19/2003	4.292	FAIR	78022	\$112,351,680.00	2
68498	K	278I E.B. (B.Q.E.)	278I W.B. (B.Q.E.)		Α	69	STATE	7/16/2003	4.041	FAIR	120734	\$173,856,960.00	2
68507	ĸ	278I W.B. (B.Q.E.)	YORK ST		Α	6	STATE	6/13/2003	4.262	FAIR	9380	\$13,507,200.00	2
68508	K	278I E.B. (B.Q.E.)	278I W.B. (B.Q.E.)		A	11	STATE	5/19/2003	4.034	FAIR	17956	\$25,856,640.00	2
68517	K	278I W.B. (B.Q.E.)	FURMAN ST		A	7	STATE	7/22/2003	4.206	FAIR	10988	\$15,822,720.00	2
68518	K	278I E.B. (B.Q.E.)	278I W.B. (B.Q.E.)		A	5	STATE	11/11/2003	4.310	FAIR	8375	\$12,060,000.00	2
68650	M	FDR NB 42ND TO 49ST	EAST RIVER		A	119	STATE	8/28/2003	4.415	FAIR	30767	\$44,304,480.00	6
68760 68770	Q	PS-5 PEDESTRIAN BR. SPRINGFIELD BLVD	TENTH AVENUE EQUES. PATH (ABAND.)		O-PED O	5	CITY STATE	6/3/2003 6/3/2003	5.837 4.778	GOOD FAIR	1500 1470	\$2,160,000.00 \$2,116,800.00	
68920	R	AMBOY ROAD	LEMON CREEK		wo	1	STATE	4/17/2002	7.000	VGOOD	1310	\$2,079,360.00	
68930	M	MORRIS ST PED BRDG	BKLN-BATTERY TUNN PLZ		A-PED	3	CITY	06/13/02	4.535	FAIR	1200	\$1,728,000.00	
69030	B	MATTHEWSON ROAD	MAC CRACKEN AVE		0	15	STATE	11/3/2003	3.947	FAIR	14880	\$21,427,200.00	
69190	M	W.70TH STREET	AMTRAK	Α	0	3	STATE	11/3/2003	6.583	VGOOD	17433	\$25,103,520.00	
69210	M	W.68TH STREET	AMTRAK	Α	0	3	STATE	11/21/2003	6.746	VGOOD	5382	\$7,702,560.00	7
69260	к	W. 8TH STREET	SURF AVE.		O-PED	55	CITY	4/1/2003	4.000	FAIR	14742	\$21,228,480.00	
69600	ĸ	ERSKINE STREET	BSHP		Α	1	STATE	10/30/2002	6.906	VGOOD	8258	\$11,891,520.00	
69820	м	E 81 ST PED BRIDGE	FDR DRIVE N.B.		A-PED	3	CITY	11/2/2003	3.213	FAIR	900	\$1,296,000.00	
00130	Q	HOOK CREEK	HOOK CREEK BRIDGE		WO	3	STATE	6/26/2003	6.339	VGOOD	18302	\$26,354,880.00	
03720	Q	216TH ST PED BRDG	LIRR PORT WASH BRANCH	L	O-PED	5	CITY	12/07/00	4.102	FAIR	400	\$576,000.00	
05510	Q	167TH ST PED BRDG	LIRR PORT WASH BRANCH	L	O-PED	3	CITY	11/14/01	4.208	FAIR	600	\$864,000.00	
00001	M	PEDESTRIAN TUNNEL	BROADWAY TO		O-PED	1	CITY	10/25/02	4.556	FAIR	2000	\$2,880,000.00	
00003	M	HHP ON/OFF RMP-79 WB	PEDESTRIAN PATH		A	1	CITY	7/16/2003	5.000	GOOD	900	\$1,296,000.00	
00004	Q	HHP ON/OFF RMP-79 EB BCIP	PEDESTRIAN PATH PATH OPPOSITE 88TH RD		A	1	CITY	7/17/2003	4.900		900 1200	\$1,296,000.00	
JUUUZ	<u> </u>	DOIF	FAIR OFFUSILE 00 IF KD		A	4496	SPANS	6/25/2003	4.467	FAIR	1200	\$1,728,000.00	13

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL	BRIDGE	SPANS	MMUNITY BO RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	0
241000	В	WESTCHESTER AVE	CONRAIL PT MORRIS	С	0	1	STATE	11/4/2002	5.085	GOOD	1740	\$2,505,600.00	_
241010	В	E 156TH STREET	CONRAIL PT MORRIS	C	0	1	STATE	11/5/2002	4.556	FAIR	2400	\$3,456,000.00	
241020	B	E 161ST STREET	CONRAIL PT MORRIS	C	0	1	STATE	8/1/2003	6.783	VGOOD	12800	\$18,432,000.00	_
241040 241050	B	THIRD AVE E 149TH ST/JACKSON AVE	CONRAIL PT MORRIS	C C	0	1	STATE STATE	11/6/2002 11/8/2002	4.625 4.950	FAIR	2700 65000	\$3,888,000.00 \$93,600,000.00	
241050	B	ST. MARYS & CONCORD	CONRAIL PT MORRIS	c	0	1	STATE	11/7/2002	5.333	GOOD	4500	\$6,480,000.00	
241070	В	WALES AVE	CONRAIL PT MORRIS	c	0 0	1	STATE	11/11/2002	6.567	VGOOD	2535	\$3,312,000.00	_
241080	B	SOUTHERN BLVD	CONRAIL PT MORRIS	Ċ	0	1	STATE	12/4/2002	4.185	FAIR	3900	\$5,616,000.00	
241099	В	BRUCKNER BLVD	CONRAIL PT MORRIS	С	0	1	STATE	12/4/2002	6.797	VGOOD	6700	\$9,648,000.00	_
241129	В	E 149TH ST	AMTRAK	Α	0	2	STATE	6/28/2002	4.704	FAIR	12575	\$18,108,000.00	0
241550	В	E 144TH ST	METRO NORTH RR HAR	M	0	2	STATE	6/11/2003	6.708	VGOOD	8290	\$11,937,600.00	_
241560	В	E 149TH ST	METRO NORTH RR HAR	M	0	8	STATE	3/14/2002	4.736	FAIR	27900	\$40,176,000.00	
241590	B	CONCOURSE VILL AVE	METRO NORTH RR HAR	M	0	1	STATE	3/21/2002	4.094	FAIR	17800	\$25,632,000.00	
241600 241610	В	E 158TH ST E 161ST ST	METRO NORTH RR HAR METRO NORTH RR HAR	M	0	1	STATE STATE	6/10/2003 6/10/2003	5.233 5.383	GOOD	3400 6600	\$4,896,000.00 \$9,504,000.00	_
242260	B	EAGLE AVE	E 161ST ST	IVI	0	1	STATE	5/13/2002	5.234	GOOD	2800	\$4,032,000.00	_
242299	В	GRAND CONCOURSE	E 138TH ST		0 0	1	STATE	5/9/2003	5.600	GOOD	9500	\$13,680,000.00	_
		BRUCKNER BLVD											1
266540	В	OVRPAS	133RD - 135TH ST		Α	2	STATE	5/7/2003	4.645	FAIR	32900	\$47,376,000.00	
24005B	В	TO BRUCKNER BLVD	RELIEF		OR	5	STATE	8/4/2003	4.000	FAIR	12100	\$17,424,000.00	
24006A	B	TO BRUCKNER BLVD	RELIEF		OR	11	STATE	4/22/2003	2.966	POOR	11100	\$15,984,000.00	_
66671	B	BRUCKNER EXPWY SB	BRONX RIVER		WMA	3	STATE	6/12/2003	5.528	GOOD	12400	\$17,856,000.00	
)66672)75351	В	BRUCKNER EXPWY NB BRUCKNER EXPWY SB	BRONX RIVER AMTRAK	Α	MMA A	8 1	STATE STATE	6/13/2003 7/18/2002	4.761 3.719	FAIR	22300 11600	\$32,112,000.00 \$16,704,000.00	
75352	B	BRUCKNER EXPWY NB	AMTRAK	Ā	A	1	STATE	7/18/2002	3.547	FAIR	10900	\$15,696,000.00	_
76929	B	BRUCKNER EXPWY	AMTRAK	Ā	A	1	STATE	5/8/2003	4.900	FAIR	3800	\$5,472,000.00	
40180	B	WESTCHESTER AVE	BRONX RIVER		wo	1	STATE	6/11/2003	5.141	GOOD	5476	\$7,885,440.00	
41139	В	LEGGETT AVE	AMTRAK	Α	0	3	STATE	6/28/2002	4.690	FAIR	28300	\$40,752,000.00	
41159	В	LONGWOOD AVE	AMTRAK	A	0	2	STATE	6/4/2002	6.042	VGOOD	10625	\$15,300,000.00	
41169	В	LAFAYETTE AVE	AMTRAK	Α	0	1	STATE	6/28/2002	5.905	GOOD	12000	\$17,280,000.00	
41170	B	TIFFANY ST	AMTRAK	A	0	1	STATE	11/4/2003	5.843	GOOD	7267	\$10,464,480.00	
41180	B	BARRETTO ST	AMTRAK	A	0	1	STATE	6/5/2002	6.281	VGOOD	5313	\$7,650,720.00	
241190	B	HUNTS POINT AVE	AMTRAK	A	0	1	STATE	6/6/2002	5.250	GOOD	13700	\$19,728,000.00	
241200	В	FAILE ST BRYANT AVE	AMTRAK AMTRAK	A	0	1	STATE STATE	6/6/2002 11/6/2003	6.156 3.220	VGOOD	6208 5300	\$8,939,520.00 \$7,632,000.00	
241230	B	WESTCHESTER AVE	AMTRAK	Ā	0	3	STATE	6/26/2002	6.250	VGOOD	15600	\$22,464,000.00	
41030	В	E 163RD STREET	CONRAIL PT MORRIS	ĉ	0	1	STATE	7/9/2002	4.870	FAIR	3200	\$4,608,000.00	
41110	B	MELROSE AVE	CONRAIL PT MORRIS	Ċ	0	8	STATE	7/31/2003	6.208	VGOOD	37854	\$54,509,760.00	
41620	В	E 162ND ST	METRO NORTH RR HAR	M	0	1	STATE	2/23/2002	4.983	FAIR	4700	\$6,768,000.00	
41630	В	E 165TH ST	METRO NORTH RR HAR	M	0	1	STATE	4/10/2002	4.483	FAIR	16400	\$23,616,000.00	0
41650	В	E 167TH ST	METRO NORTH RR HAR	M	0	1	STATE	2/20/2002	5.863	GOOD	3363	\$4,842,720.00	3
41660	В	E 168TH ST	METRO NORTH RR HAR	M	0	1	STATE	2/21/2002	4.922	FAIR	7700	\$11,088,000.00	
41670	B	E 169TH ST	METRO NORTH RR HAR	M	0	1	STATE	2/22/2002	4.875	FAIR	3300	\$4,752,000.00	
241680	B	E 170TH ST	METRO NORTH RR HAR	M	O O-PED	1	STATE	3/2/2002	6.451 6.296	VGOOD	3150	\$4,536,000.00	
241700 241710	B	ST PAULS PL PED BRDG CLAREMONT PKWY	METRO NORTH RR HAR METRO NORTH RR HAR	M	0-PED	2	CITY STATE	08/29/02 2/27/2002	4.484	FAIR	600 6300	\$864,000.00 \$9,072,000.00	
241720	B	E 173RD ST	METRO NORTH RR HAR	M	0	1	STATE	2/26/2002	4.583	FAIR	3000	\$4,320,000.00	
241740	B	E 175TH ST	METRO NORTH RR HAR	M	0	1	STATE	2/28/2002	4.094	FAIR	3600	\$5,184,000.00	
076640	В	DEPOT PLACE	CONRAIL HUDSON DIV	С	0	11	STATE	6/25/2003	5.306	GOOD	30192	\$43,476,480.00	
241409	В	GRAND CONCOURSE	METRO NORTH RR HUD	TCM	0	1	STATE	3/19/2002	3.844	FAIR	16100	\$23,184,000.00	0
241410	В	WALTON AVE	METRO NORTH RR HUD	M	0	1	STATE	3/21/2002	5.234	GOOD	3600	\$5,184,000.00	3
241420	В	GERARD AVE	METRO NORTH RR HUD	M	0	1	STATE	3/23/2002	6.766	VGOOD	5063	\$7,290,720.00	_
241430	B	RIVER AVE	METRO NORTH RR HUD	M	0	1	STATE	6/19/2003	6.578	VGOOD	5040	\$7,257,600.00	
242200 242259	B	YANKEE STDM PED BRDG GRAND CONCOURSE	,	M	O-PED	5	CITY	09/03/02 12/5/2002	5.000	GOOD	4200	\$6,048,000.00	
42259	B	GRAND CONCOURSE	E 161ST ST E 167TH ST		0	2	STATE STATE	8/21/2002	3.583 4.579	FAIR FAIR	24100 42900	\$34,704,000.00 \$61,776,000.00	
42300	В	GRAND CONCOURSE	E 170TH ST	_	0 0	2	STATE	7/1/2002	4.789	FAIR	39300	\$56,592,000.00	
42319	B	GRAND CONCOURSE	E 174TH ST	т	0	1	STATE	5/15/2002	4.067	FAIR	14900	\$21,456,000.00	
42329	В	GRAND CONCOURSE	E 175TH ST	Т	0	1	STATE	10/23/2002	4.467	FAIR	11900	\$17,136,000.00	
41460	В	W TREMONT AVE	METRO NORTH RR HUD	м	0	8	STATE	9/9/2002	4.761	FAIR	12900	\$18,576,000.00	
42330	В	GRAND CONCOURSE	E TREMONT AVE		0	1	STATE	10/14/2003	6.483	VGOOD	11700	\$16,848,000.00	
42350	B	EAST FORDHAM RD	GRAND CONCOURSE		0	1	STATE	5/10/2002	4.567	FAIR	10300	\$14,832,000.00	
42360	B	GRAND CONCOURSE	BURNSIDE AVE		0	2	STATE	11/7/2002	4.368	FAIR	8400	\$12,096,000.00	
41760 41770	B	E TREMONT AVE E 178TH ST PED BRDG	METRO NORTH RR HAR METRO NORTH RR HAR	M	O O-PED	1	STATE	10/10/2003 08/28/02	6.700 6.730	VGOOD	7300 700	\$10,512,000.00	
41770	В	E 179TH ST PED BRDG	METRO NORTH RR HAR	M	O-PED O-PED	6	CITY	08/28/02	6.000	GOOD	700	\$1,008,000.00	
41790	B	E 180TH ST	METRO NORTH RR HAR	M	0	1	STATE	3/5/2002	4.078	FAIR	5000	\$7,200,000.00	
41800	В	E 183TH ST	METRO NORTH RR HAR	M	Ő	1	STATE	3/6/2002	4.328	FAIR	3600	\$5,184,000.00	
41810	В	E 188TH ST	METRO NORTH RR HAR	M	0	1	STATE	3/7/2002	4.281	FAIR	5300	\$7,632,000.00	
41820	В	E 187TH ST	METRO NORTH RR HAR	м	0	1	STATE	3/8/2002	4.844	FAIR	3800	\$5,472,000.00	
41839	В	E 189TH ST	METRO NORTH RR HAR	м	0	1	STATE	6/9/2003	6.533	VGOOD	43157	\$62,146,080.00	
42030	B	CROTONA AVE	BRONX PELHAM PKWY	_	0	2	STATE	6/4/2002	5.316	GOOD	7600	\$10,944,000.00	
42149	B	E TREMONT AVE	BRONX RIVER	_	WO WO	2	STATE STATE	5/15/2002	4.778	FAIR	12900	\$18,576,000.00	
42400 30287	B	E 180TH ST JEROME AVE	BRONX RIVER MOSHOLU PARKWAY	т	A	1	STATE	10/1/2002 5/5/2003	4.810 5.053	FAIR GOOD	4500 11800	\$6,480,000.00 \$16,992,000.00	
41470	B	W FORDHAM RD	METRO NORTH RR HUD	M	0	5	STATE	7/8/2003	6.278	VGOOD	16052	\$18,992,000.00	
41489	В	W 225TH ST	CONRAIL PUTNAM	C	0	2	STATE	7/10/2002	5.433	GOOD	10900	\$15,696,000.00	
41930	В	BEDFORD PARK BLVD	NYCTA IND YARDS	Т	Ő	4	STATE	7/20/2002	6.722	VGOOD	46300	\$66,672,000.00	
41940	В	W 205TH ST	NYCTA IND YARDS	Т	0	4	STATE	7/20/2002	6.889	VGOOD	32508	\$54,432,000.00	
42340	В	GRAND CONCOURSE	EAST KINGSBRIDGE		0	2	STATE	12/6/2002	4.714	FAIR	16500	\$23,760,000.00	
42370	В	GRAND CONCOURSE	BEDFORD PARK BLVD		0	1	STATE	5/14/2002	4.922	FAIR	8418	\$12,121,920.00	
42380	В	GRAND CONCOURSE	E 204TH ST		0	1	STATE	5/7/2003	5.766	GOOD	9272	\$13,351,680.00	_
69030	В	MATTHEWSON ROAD	MAC CRACKEN AVE		0	15	STATE	11/3/2003	3.947	FAIR	14880	\$21,427,200.00	
29440	B	HHP	KAPPOCK ST		A	1	STATE	9/22/2003	5.207	GOOD	3900	\$5,616,000.00	
29450	B	232ND ST	HHP		A	2	STATE	9/18/2003	4.237	FAIR	4900	\$7,056,000.00	
29460 29470	B	236TH ST PED BRDG 239TH ST	HHP	_	A-PED	3	CITY	9/24/2003 6/2/2003	5.106	GOOD	2500	\$3,600,000.00	
29470	В	MANHATTAN COLL PKWY	ННР		A	3	STATE STATE	4/30/2003	4.711 4.158	FAIR	6100 6200	\$8,784,000.00 \$8,928,000.00	
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				UNALE	-130/2003	.		5200	φ0,320,000.00	•

BIN	BORO	FEATURE CARRIED	INVENTORY SOF	RTED BY RAIL ROAD	BOROUGH BRIDGE TYPE	SPANS	AMUNITY BO RATING SOURCE	DARD DISTRICT INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
2229500	В	252ND ST	HHP		Α	2	STATE	2/6/2002	4.026	FAIR	4500	\$6,480,000.00	-
2229510 2229520	B	RIVERDALE AVE FIELDSTON ROAD	HHP		A	2	STATE STATE	8/19/2003 8/20/2003	4.053	FAIR GOOD	5200 6600	\$7,488,000.00 \$9,504,000.00	
2229520	B	HHP	BROADWAY		A	1	STATE	8/21/2003	4.936	FAIR	7500	\$10,800,000.00	
2241490	В	W 230TH ST	CONRAIL PUTNAM	С	0	1	STATE	4/8/2003	5.844	GOOD	5600	\$8,064,000.00) 8
2241509	B	W 231ST ST	CONRAIL PUTNAM	C	0	1	STATE	11/11/2002	5.765	GOOD	4723	\$6,801,120.00	
2241510 2241520	B	W 233RD ST W 234TH ST	CONRAIL PUTNAM CONRAIL PUTNAM	C C	0	1 1	STATE STATE	4/11/2003 4/9/2003	5.471 5.569	GOOD GOOD	3760 3770	\$5,414,400.00 \$5,428,800.00	
1066510	B		WESTCHESTER CREEK	-	WMA	17	STATE	8/22/2003	3.821	FAIR	39400	\$56,736,000.00	-
2066720	В	E 174TH ST	SHERIDAN EXPWY/AMTRAK	A	A	13	STATE	7/17/2002	4.486	FAIR	47430	\$68,299,200.00	
2241269 2241270	B	E 177TH ST EAST TREMONT AVE	AMTRAK AMTRAK	A	0	3 2	STATE STATE	6/24/2002 6/17/2002	5.514 5.722	GOOD	16606 22300	\$23,912,640.00 \$32,112,000.00	
2241270	B	WHITE PLAINS ROAD	AMTRAK	Ā	0	1	STATE	6/18/2002	4.953	FAIR	6900	\$9,936,000.00	_
2241330	В	UNIONPORT ROAD	AMTRAK	Α	0	1	STATE	6/19/2002	4.875	FAIR	4400	\$6,336,000.00	_
206672A	В	174TH ST-NTH PED BRDG	895I - SHERIDAN EXPWY		A-PED	4	CITY	3/27/2003	5.015	GOOD	1800	\$2,592,000.00	
206672B 2075820	B	174TH ST-STH PED BRDG E TREMONT AVE	895I - SHERIDAN EXPWY HUTCHINSON RVR PKWY		A-PED A	4	CITY STATE	3/27/2003 10/31/2003	4.667	FAIR	1900 10200	\$2,736,000.00 \$14,688,000.00	-
2075837	B	WESTCHESTER AVE	HUTCHINSON RVR PKWY		A	2	STATE	6/28/2002	4.389	FAIR	15858	\$22,835,520.00	
2075849	В	BRONX PELHAM PKWY	HUTCHINSON RVR PKWY		Α	2	STATE	8/20/2002	4.289	FAIR	17600	\$25,344,000.00	-
2075859	B	HUTCHINSON RVR PKWY	HUTCHINSON RIVER		WMA	7	STATE	10/28/2002	5.375	GOOD	60500	\$87,120,000.00	
2076109 2076129	B	BE NB SERVICE RD BE SB SERVICE RD	HUTCHINSON RVR PKWY HUTCHINSON RVR PKWY		A	2	STATE STATE	10/15/2003 4/17/2002	4.737 5.105	FAIR GOOD	7800 7100	\$11,232,000.00 \$10,224,000.00	-
2241390	B	SHORE RD CIRCLE	AMTRAK	Α	ō	2	STATE	11/7/2003	3.254	FAIR	4800	\$6,912,000.00	
2241959	В	HUTCHINSON RVR PKWY	AMTRAK	Α	0	1	STATE	6/21/2002	6.068	VGOOD	15444	\$22,239,360.00) 10
2229560	B	BRONX PELHAM PKWY	AMTRAK, METRO NORTH	MA	A	3	STATE	7/2/2002	4.750	FAIR	24591	\$35,411,040.00	
2241369 2241910	B	WILLIAMSBRIDGE RD GUN HILL ROAD	AMTRAK NYCTA-DYRE AVE LN	A T	0	2 1	STATE STATE	6/20/2002 7/21/2002	4.836 6.906	FAIR VGOOD	10400 75000	\$14,976,000.00 \$9,072,000.00	
1067150	B	NEREID AVE (2241880)	BRONX RIVER PKWY	M	0	10	STATE	7/26/2003	4.211	FAIR	57750	\$83,160,000.00	
2229579	В	BOSTON POST ROAD	HUTCHINSON RIVER		wo	14	STATE	6/5/2003	4.528	FAIR	95700	\$137,808,000.00	
2241860	B	GUN HILL RD	METRO NORTH RR HAR	M	0	2	STATE	3/15/2002	4.279	FAIR	9000	\$12,960,000.00	_
2241870 2241890	В	E 233RD ST E 241ST ST	METRO NORTH RR HAR BRP, METRO NORTH HAR	M	0	1 28	STATE STATE	3/15/2002 11/7/2003	5.157 4.653	GOOD	7664 49500	\$11,036,160.00 \$71,280,000.00	-
2241900	B	EASTCHESTER ROAD	NYCTA-DYRE AVE LN	T	0	3	STATE	7/21/2002	5.139	GOOD	13500	\$19,440,000.00	
2242071	В	BRONX BLVD S.B.	BRONX RIVER		WO	1	STATE	5/24/2002	4.700	FAIR	1800	\$2,592,000.00) 12
2242072	B	BRONX BLVD N.B.	BRONX RIVER		WO	1	STATE	5/24/2002	5.033	GOOD	1800	\$2,592,000.00	
2242081 2242082	B	BRONX BLVD S.B. BRONX BLVD N.B.	BRONX RIVER BRONX RIVER		WO WO	1	STATE STATE	5/20/2002 5/20/2002	4.467 4.467	FAIR	2800 2800	\$4,032,000.00 \$4,032,000.00	-
2242430	B	GUN HILL ROAD	BRONX BLVD		0	4	STATE	8/23/2002	4.912	FAIR	9400	\$13,536,000.00	
2242440	В	GUN HILL ROAD	BRONX RIVER		wo	1	STATE	4/25/2002	5.300	GOOD	8700	\$12,528,000.00	-
2242459	B	E 233RD ST	BRONX RIVER		wo	1	STATE	5/24/2002	4.367	FAIR	7000	\$10,080,000.00	_
2242460 2229540	B	E 233RD ST VAN CRTLDT PARK	ENTR RD BNX RVR PKWY		O A-PED	1 2	STATE CITY	2/4/2002 9/30/2003	5.600 4.742	GOOD	5300 3900	\$7,632,000.00 \$5,616,000.00	-
2229550	В	VAN CRTLDT EQUES	ННР		A-PED	2	CITY	9/30/2003	5.000	GOOD	2100	\$3,024,000.00	
2230290	В	MOSHOLU PARKWAY	EQUESTRIAN PATH		Α	1	STATE	1/29/2002	4.724	FAIR	4300	\$6,192,000.00	
2230300	B	MOSHOLU PARKWAY	CONRAIL (ABANDONED)	С	A	1	STATE	10/29/2002	4.229	FAIR	5200	\$7,488,000.00	
2230310 2065629	B	MOSHOLU PARKWAY BRONX RVR PKWY	SB RAMP TO HHP BOSTON RD BX ZOO		A	2 1	STATE STATE	10/22/2003 8/4/2003	5.243 5.276	GOOD GOOD	7400 6300	\$10,656,000.00 \$9,072,000.00	-
2230250	B	MOSHOLU PARKWAY	BRONX RIVER		A	5	STATE	1/28/2002	4.263	FAIR	16300	\$23,472,000.00	_
2230260	В	MOSHOLU PARKWAY	METRO NORTH	м	Α	1	STATE	3/16/2002	6.484	VGOOD	8880	\$12,787,200.00	-
2230270	B	MOSHOLU PARKWAY	WEBSTER AVE		A	1	STATE	4/23/2003	6.016	VGOOD	8480	\$12,211,200.00	_
2241259 2241840	B	204TH ST PED BRDG BEDFORD PARK BLVD	METRO NORTH RR HAR METRO NORTH RR HAR	M	O-PED O	1	CITY STATE	08/26/02 3/9/2002	3.950 4.717	FAIR	4700 6400	\$6,768,000.00 \$9,216,000.00	-
2242010	B	BRONX PELHAM PKWY	BRONX RIVER		WA	1	STATE	5/24/2002	4.931	FAIR	9200	\$13,248,000.00	_
2242029	В	SOUTHERN BLVD	BRONX PELHAM PKWY		0	2	STATE	6/4/2002	4.789	FAIR	12900	\$18,576,000.00	
2242099	В	PARK ROAD (204TH ST)	BRONX RIVER		wo	1	STATE	8/28/2002	4.172	FAIR	4700	\$6,768,000.00) 27
2242100	в	BOTANICAL GARDEN ROAD	TWIN LAKES		O-PED	1	STATE	5/17/2002	4.967	FAIR	2200	\$3,168,000.00	27
2242110	в	BOSTON ROAD	BRONX RIVER		WO	1	STATE	5/16/2002	4.273	FAIR	6200	\$8,928,000.00	_
2242210	В	S OF ALLERTON AVE	BRONX RIVER		WO	3	STATE	5/17/2002	4.763	FAIR	6200	\$8,928,000.00	
2242220 2240200	B	SOUTHERN BLVD	BRONX RIVER HUTCHINSON RIVER		WO	2 7	STATE	4/23/2002	4.211		4800	\$6,912,000.00	_
2240200	B	SHORE ROAD CITY ISLAND ROAD	EASTCHESTER BAY		WMO WO	7	STATE STATE	11/5/2002 10/3/2003	4.597 3.500	FAIR	4800 28900	\$120,000,000.00 \$41,616,000.00	
1240090	BM	MACOMBS DAM BRIDGE	HARLEM RIVER		WMO	52	STATE	8/6/2003	4.169	FAIR	139100	\$200,304,000.00) 10
2240089	BM	145TH ST BRIDGE			WMO	8	STATE	10/26/2003	3.097	FAIR	56700	\$81,648,000.00	
2240059 2240069	BM	WILLIS AVENUE THIRD AVE BRIDGE	HARLEM RIVER HARLEM RIVER		WMO WMO	26 32	STATE STATE	10/29/2003 10/5/2003	3.083	FAIR	94700 79950	\$136,368,000.00 \$115,128,000.00	
2240079	BM	MADISON AVE BRIDGE	HARLEM RIVER		WMO	31	STATE	8/19/2002	5.667	GOOD	80000	\$115,200,000.00	-
2066919	BM	WASHINGTON BRIDGE	HARLEM RIVER		wo	9	STATE	10/15/2002	4.881	FAIR	128339	\$184,808,160.00) 12
2240120	BM	W 207TH/W FORDHAM RD	HARLEM RIVER	_	WMO	5	STATE	5/21/2002	5.667	GOOD	29682	\$42,742,080.00	
2240137 2240138	BM	BROADWAY BRIDGE	HARLEM RIVER HARLEM RVR/BROADWAY	T	WMO WMO	3	STATE STATE	10/13/2003 10/24/2003	3.986	FAIR	38100 38100	\$54,864,000.00 \$54,864,000.00	
2240138	K	METROPOLITAN AVE	ENGLISH KILLS	- -	WMO	5	STATE	11/12/2003	4.002	FAIR	15245	\$54,864,000.00	
2230410	ĸ	278I (B.Q.E.)	WASHINGTON ST		Α	1	STATE	4/17/2002	4.656	FAIR	2500	\$3,600,000.00) 2
2230420	K	278I (B.Q.E.)	WASHINGTON ST		A	1	STATE	4/18/2002	4.953	FAIR	2500	\$3,600,000.00	
2230430 2230440	K	278I (B.Q.E.) 278I (B.Q.E.)	PROSPECT ST ADAMS ST N.B.		A	1 1	STATE STATE	3/21/2002 3/21/2002	5.267 5.200	GOOD GOOD	1100 2700	\$1,584,000.00 \$3,888,000.00	_
2230440	K	2781 (B.Q.E.)	ADAMS ST N.B.		A	1	STATE	3/21/2002	4.933	FAIR	2500	\$3,600,000.00	-
2230460	к	278I (B.Q.E.)	PEARL ST		Α	1	STATE	3/22/2002	5.333	GOOD	4500	\$6,480,000.00) 2
2230470	K	278I (B.Q.E.)	JAY ST		A	1	STATE	3/29/2002	5.233	GOOD	5100	\$7,344,000.00	
2230480 2230490	K	278I (B.Q.E.) 278I (B.Q.E.)	PROSPECT ST SANDS ST		A	1 1	STATE STATE	3/29/2002 3/29/2002	5.241 5.093	GOOD GOOD	8400 12600	\$12,096,000.00 \$18,144,000.00	
2230490	K	2781 (B.Q.E.)	RAMP TO BQE EB		A	1	STATE	3/28/2002	5.567	GOOD	12000	\$18,144,000.00	
2230510	ĸ	278I (B.Q.E.)	NASSAU ST		A	6	STATE	4/3/2002	4.611	FAIR	51200	\$73,728,000.00) 2
2230857	K	278I (B.Q.E.)	JORALEMON ST		A	1	STATE	5/6/2002	5.030	GOOD	2100	\$3,024,000.00	
2230858 2230870	K	278I (B.Q.E.)	JORALEMON ST / BQE WB		A	2	STATE	5/6/2002	3.887		5900	\$8,496,000.00	
2230870	K	COLUMBIA HEIGHTS 278I W.B. (B.Q.E.)	278I (B.Q.E.) CADMAN PLAZA		A	1 2	STATE STATE	5/7/2002 5/9/2002	4.583 4.250	FAIR	16500 4500	\$23,760,000.00 \$6,480,000.00	-
2230888	K	278I E.B. (B.Q.E.)	CADMAN PLAZA / 278I WB		A	2	STATE	5/10/2002	4.684	FAIR	4500	\$6,480,000.00	_
2230000		SOUTH OF TILLARY ST	NAVY ST		O-PED	1	CITY	5/5/2003	4.244	FAIR	6200	\$8,928,000.00	

BIN	BORO	FEATURE CARRIED	INVENTORY SC	RAIL	BRIDGE TYPE	SPANS	RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
2267860	к	BROOKLYN BR APPROACH	SANDS STREET		0	1	STATE	5/14/2002	4.732	FAIR	6490	\$9,345,600.00)
2268497	ĸ	278I W.B. (B.Q.E.)	FURMAN ST		A	45	STATE	6/19/2003	4.292	FAIR	78022	\$112,351,680.00	_
2268498	к	278I E.B. (B.Q.E.)	278I W.B. (B.Q.E.)		Α	69	STATE	7/16/2003	4.041	FAIR	120734	\$173,856,960.00	
2268507	ĸ	278I W.B. (B.Q.E.)	YORK ST	_	Α	6	STATE	6/13/2003	4.262	FAIR	9380	\$13,507,200.00	
2268508	K	278I E.B. (B.Q.E.)	278I W.B. (B.Q.E.)		A	11	STATE	5/19/2003	4.034	FAIR	17956	\$25,856,640.00	-
2268517 2268518	K	278I W.B. (B.Q.E.) 278I E.B. (B.Q.E.)	FURMAN ST 278I W.B. (B.Q.E.)	-	A	7 5	STATE	7/22/2003	4.206	FAIR	10988 8375	\$15,822,720.00 \$12,060,000.00	
2230000	ĸ	HIGHLAND BLVD E.B.	JACKIE ROBINSON PKWY		A	1	STATE	4/23/2002	4.833	FAIR	4900	\$7,056,000.00	
2230010	к	HIGHLAND BLVD W.B.	JACKIE ROBINSON PKWY		Α	1	STATE	4/24/2002	5.100	GOOD	3500	\$5,040,000.00	
2230020	ĸ	HIGHLAND BLVD W.B.	JACKIE ROBINSON PKWY		Α	2	STATE	4/26/2002	4.974	FAIR	4700	\$6,768,000.00	-
2230220 2244170	K	HIGHLAND BLVD NB	VERMONT AVE EAST NEW YORK AVE		A O	1	STATE	7/11/2003	6.254	VGOOD	3995	\$5,752,800.00	
2244170	K	ATLNTC AV SVC RD E.B. CONDUIT BLVD NB	ATLANTIC AVE EB		0	2	STATE STATE	7/25/2003 4/22/2002	4.737 5.000	FAIR GOOD	5500 3800	\$7,920,000.00 \$5,472,000.00	
2230350	ĸ	SUMMIT ST PED BRDG	278I (B.Q.E.)		A-PED	2	STATE	4/4/2002	4.714	FAIR	1400	\$2,016,000.00	
2230360	к	UNION ST	278I (B.Q.E.)		Α	2	STATE	4/5/2002	4.540	FAIR	5000	\$7,200,000.00	
2230370	ĸ	SACKETT ST	278I (B.Q.E.)		Α	2	STATE	4/9/2002	4.642	FAIR	5000	\$7,200,000.00	
2230380	K	KANE ST	278I (B.Q.E.)		A	2	STATE	4/10/2002	4.418	FAIR	5000	\$7,200,000.00	
2230390 2230400	K K	CONGRESS ST	278I (B.Q.E.)	_	A	2 1	STATE	4/12/2002 4/12/2002	4.286 5.976	FAIR GOOD	5000 14230	\$7,200,000.00	
2230400	K	278I (B.Q.E.) HAMILTON AVE BRIDGE	ATLANTIC AVE GOWANUS CANAL		WMO	3	STATE	7/17/2003	4.014	FAIR	7300	\$20,491,200.00 \$10,512,000.00	
2240240	ĸ	NINTH ST BRIDGE	GOWANUS CANAL		WMO	3	STATE	7/18/2003	6.613	VGOOD	5772	\$30,000,000.00	
2240250	к	THIRD ST	GOWANUS CANAL		WMO	5	STATE	6/27/2003	4.958	FAIR	4900	\$15,000,000.00	
2240260	ĸ	CARROLL ST	GOWANUS CANAL		WMO	2	STATE	6/27/2003	4.718	FAIR	3000	\$5,000,000.00)
2240270	K	UNION ST	GOWANUS CANAL	_	WMO	5	STATE	6/25/2002	4.236	FAIR	4900	\$15,000,000.00	
2240310	K	THIRD AVE	GOWANUS CANAL	-	WO A RED	1	STATE	7/2/2003	4.564		3200	\$4,608,000.00	-
2268350 2066100	K	BROOKLYN PROMENADE 5TH AVE	278I N.B. (B.Q.E.) 27 X PROSPECT EXPWY	-	A-PED A	35 1	CITY STATE	04/17/03 4/2/2002	4.500 5.208	FAIR GOOD	46184 8800	\$66,504,960.00 \$12,672,000.00	
2240231	K	HAMILTON AVE BRIDGE	GOWANUS CANAL		WMO	3	STATE	8/7/2002	4.236	FAIR	7300	\$10,512,000.00	
2243839	к	4TH AVE	NYCTA BMT TRACKS	Т	0	1	STATE	11/14/2003	6.633	VGOOD	5160	\$5,904,000.00	
2243920	К	7TH AVE	NYCTA BMT YARD	т	0	2	STATE	11/4/2003	3.917	FAIR	5200	\$7,488,000.00) :
2244470	K	SEELEY ST	PROSPECT AVE	_	0	1	STATE	7/10/2003	4.100	FAIR	7700	\$11,088,000.00	
2244480 2243170	K	5TH AVE STERLING PLACE	GREENWOOD CEMETERY FRANKLIN SHUTTLE	т	0	1	STATE STATE	6/2/2003 12/5/2003	5.000 6.578	GOOD VGOOD	3600 2300	\$5,184,000.00 \$3,312,000.00	
2243170	K	6TH AVE	LIRR ATLANTIC AVE	L	0	9	STATE	6/1/2002	5.583	GOOD	12276	\$17,677,440.00	
2243290	ĸ	CARLTON AVE		L	0	7	STATE	6/2/2002	4.958	FAIR	10823	\$15,585,120.00	_
2243180	к	ST JOHNS PLACE	FRANKLIN SHUTTLE	т	0	1	STATE	12/4/2003	6.781	VGOOD	2200	\$3,168,000.00	-
2243190	ĸ	LINCOLN PLACE	FRANKLIN SHUTTLE	Т	0	1	STATE	6/24/2002	7.000	VGOOD	2460	\$4,896,000.00	
2243200	K	UNION ST	FRANKLIN SHUTTLE	T	0	2	STATE	6/25/2002	5.048	GOOD	4100	\$5,904,000.00	
2243210 2243220	K K	PRESIDENT ST CARROLL ST PED BRDG	FRANKLIN SHUTTLE	T	O O-PED	2	CITY	6/26/2002 09/26/02	5.162 5.484	GOOD GOOD	2500 600	\$3,600,000.00	
2243220	K	CROWN ST	FRANKLIN SHUTTLE	T	0-PED	3	STATE	12/3/2003	5.464	GOOD	4800	\$864,000.00 \$6,912,000.00	
2243240	ĸ	MONTGOMERY ST	FRANKLIN SHUTTLE	T	0	1	STATE	12/1/2003	6.353	VGOOD	2030	\$3,168,000.00	_
2243250	к	WASHINGTON AVE	FRANKLIN SHUTTLE	т	0	1	STATE	6/28/2002	6.422	VGOOD	3657	\$9,360,000.00	
2243260	к	FLATBUSH AVE	FRANKLIN SHUTTLE	Т	0	2	STATE	6/28/2002	5.294	GOOD	11300	\$16,272,000.00	
2243279	K	EASTERN PKWY	FRANKLIN SHUTTLE	Т	0	1	STATE	7/1/2002	4.861	FAIR	7700	\$11,088,000.00	-
2231249 2231250	K	BSHP	BAY RIDGE AVE		A A-PED	1 5	STATE CITY	4/11/2002	3.817 5.222	FAIR	4900	\$7,056,000.00	
2231250	ĸ	81ST ST PED BR 92ND ST PED BR	BSHP BSHP		A-PED A-PED	6	CITY	10/9/2003 8/13/2003	4.161	GOOD	3100 3000	\$4,464,000.00 \$4,320,000.00	_
2231270	ĸ	4TH AVE	BSHP		A	2	STATE	4/10/2002	4.842	FAIR	6100	\$8,784,000.00	
2243310	к	2ND AVE	LIRR BAY RIDGE	N	0	6	STATE	11/14/2003	3.925	FAIR	17000	\$24,480,000.00	_
2243320	ĸ	3RD AVE	LIRR BAY RIDGE	N	0	4	STATE	8/25/2003	5.542	GOOD	17230	\$24,811,200.00	
2243330	K	4TH AVE	LIRR BAY RIDGE	NT	0	6	STATE	10/17/2003	5.819	GOOD	19400	\$27,936,000.00	_
2243580 2243590	K	5TH AVE 6TH AVE	LIRR & SEA BEACH LIRR & SEA BEACH	LT	0	4 5	STATE STATE	8/30/2002 10/14/2003	4.500 6.528	FAIR VGOOD	12500 14200	\$18,000,000.00 \$20,448,000.00	
2243590		7TH AVE	LIRR & SEA BEACH	LT	0	7	STATE	8/28/2002	5.667	GOOD	18913	\$27,234,720.00	
2243610	ĸ	8TH AVE	LIRR & SEA BEACH	LT	0	4	STATE	11/13/2003	6.319	VGOOD	11400	\$16,416,000.00	-
2243620	ĸ	FORT HAMILTON PKWY	LIRR & SEA BEACH	LT	0	3	STATE	8/26/2002	5.627	GOOD	14800	\$21,312,000.00	
2243630	ĸ	11TH AVE	LIRR & SEA BEACH	LT	0	5	STATE	8/23/2002	6.809	VGOOD	9700	\$13,968,000.00	-
2243640	K	13TH AVE	LIRR & SEA BEACH	LT	0	5	STATE	11/6/2003	4.694	FAIR	16000	\$23,040,000.00	
2244150 2244160	K	RIDGE BLVD 3RD AVE	SHORE RD DRIVE SHORE RD DRIVE	_	0	1	STATE STATE	5/28/2003 5/28/2003	6.867 6.818	VGOOD VGOOD	4350 4360	\$10,080,000.00 \$10,224,000.00	
2231290	K	BAY 8TH ST	BSHP		A	1	STATE	5/5/2003	5.984	GOOD	4360	\$7,084,800.00	_
2231300	K	17TH AVE PED BRDG	BSHP		A-PED	1	CITY	1/27/2003	3.846	FAIR	2100	\$3,024,000.00	
2231319	к	BSHP	BAY PKWY		Α	1	STATE	4/12/2002	4.491	FAIR	7200	\$10,368,000.00	-
2243340	K	15TH AVE	LIRR BAY RIDGE	N	0	1	STATE	6/20/2002	4.804	FAIR	3614	\$5,204,160.00	
2243350	K	60TH ST	LIRR BAY RIDGE	N	0	1	STATE	8/20/2003	6.383	VGOOD	3900	\$5,616,000.00	
2243360 2243650	K	16TH AVE	LIRR BAY RIDGE	N	0	1 4	STATE	6/21/2002	6.683	VGOOD	4345	\$7,632,000.00	
2243650	ĸ	14TH AVE NEW UTRECHT AVE	LIRR BAY RIDGE	N	0	4	STATE STATE	6/19/2002 7/12/2002	4.321 7.000	VGOOD	10000 2400	\$14,400,000.00 \$3,456,000.00	
2243660	K	15TH AVE	BMT SEA BEACH	T	0	6	STATE	7/26/2002	4.136	FAIR	17300	\$24,912,000.00	_
2243680	ĸ	16TH AVE	BMT SEA BEACH	T	0	4	STATE	7/23/2002	5.630	GOOD	6816	\$9,815,040.00	
2243690	ĸ	17TH AVE	BMT SEA BEACH	т	0	4	STATE	8/22/2002	3.711	FAIR	8500	\$12,240,000.00) 1
2243700	K	18TH AVE	BMT SEA BEACH	T	0	4	STATE	10/20/2003	3.909	FAIR	8700	\$12,528,000.00	
243710	K	19TH AVE	BMT SEA BEACH	T	0	4	STATE	8/20/2002	4.500	FAIR	4800	\$6,912,000.00	
2243720 2243730	K	20TH AVE 65TH ST	BMT SEA BEACH BMT SEA BEACH	T	0	6 4	STATE STATE	8/16/2002 8/5/2002	4.795 5.947	FAIR GOOD	12500 12000	\$18,000,000.00 \$17,280,000.00	
2243730	K	BAY PKWY	BMT SEA BEACH	T	0	4	STATE	8/7/2002	5.947	GOOD	16800	\$24,192,000.00	
2243750	ĸ	AVENUE O	BMT SEA BEACH	Т	0	1	STATE	10/22/2003	5.863	GOOD	4658	\$6,707,520.00	
2243760	к	AVENUE P	BMT SEA BEACH	т	0	1	STATE	10/29/2003	6.791	VGOOD	5544	\$8,640,000.00) 1
2243770	K	KINGS HIGHWAY	BMT SEA BEACH	T	0	1	STATE	10/30/2003	6.767	VGOOD	5032	\$17,280,000.00	-
2243780	K	HIGHLAWN AVE	BMT SEA BEACH	T	0	1	STATE	10/31/2003	6.440	VGOOD	6960	\$16,272,000.00	
2243800	K	AVENUE T	BMT SEA BEACH	T	0	1	STATE	11/6/2003	6.033 4.132	VGOOD	5360	\$12,240,000.00	
2243820 2243370	ĸ	21ST AVE 17TH AVE	BMT SEA BEACH LIRR BAY RIDGE	N	0	4	STATE STATE	8/13/2002 6/24/2002	4.132 5.000	FAIR GOOD	21400 3406	\$30,816,000.00 \$4,904,640.00	
2243370	ĸ	18TH AVE	LIRR BAY RIDGE	N	0	1	STATE	6/25/2002	5.328	GOOD	6006	\$8,648,640.00	
2243390	ĸ	52ND ST	LIRR BAY RIDGE	N	0	2	STATE	8/18/2003	4.211	FAIR	2800	\$4,032,000.00	
2243400	к	50TH ST	LIRR BAY RIDGE	N	0	2	STATE	8/14/2003	4.701	FAIR	7100	\$10,224,000.00) 1
240400		MCDONALD AVE	LIRR BAY RIDGE	N	0	1	STATE	5/27/2002	5.422	GOOD	2760	\$3,974,400.00) 1

BIN	BORO	FEATURE CARRIED	INVENTORY SO	RAIL	BRIDGE	SPANS	RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	
243420	К	E 3RD ST	LIRR BAY RIDGE	N	0	1	STATE	8/28/2003	5.082	GOOD	1500	\$2,160,000.00	_
243439 243440	K	OCEAN PKWY CONEY ISLAND AVE	LIRR BAY RIDGE	N	0	1	STATE STATE	6/28/2002 7/1/2002	4.959 5.234	FAIR GOOD	7000	\$10,080,000.00	
243440	K	9TH AVE	NYCTA BMT YARD	T	0	5	STATE	10/27/2003	6.514	VGOOD	12440	\$4,652,640.00 \$17,913,600.00	
243940	ĸ	9TH AVE	NYCTA IND SBWY	T	0	5	STATE	11/4/2003	4.737	FAIR	11900	\$17,136,000.00	_
231329	ĸ	BSHP	26TH AVE		Α	1	STATE	4/9/2002	4.933	FAIR	6700	\$9,648,000.00	0
231330	ĸ	27TH AVE PED BRDG	BSHP		A-PED	1	CITY	7/1/2003	4.000	FAIR	2100	\$3,024,000.00	
231340 231360	K K	CROPSEY AVE BSHP	BSHP OCEAN PKWY	-	A	2	STATE STATE	4/17/2002 6/2/2003	4.944 3.417	FAIR	13100 11800	\$18,864,000.00 \$16,992,000.00	
231300	K	B 8TH ST ACCESS RMP	BSHP		A	4	STATE	5/17/2002	3.958	FAIR	12800	\$18,432,000.00	_
231380	ĸ	CONEY ISLAND AVE	BSHP		Ā	4	STATE	9/8/2003	6.292	VGOOD	19866	\$29,664,000.00	
240301	к	CROPSEY AVE	CONEY ISLAND CREEK		wo	3	STATE	7/7/2003	5.169	GOOD	9400	\$13,536,000.00	_
240302	ĸ	CROPSEY AVE	CONEY ISLAND CREEK		WO	3	STATE	6/16/2003	5.028	GOOD	9400	\$13,536,000.00	0
240540	K	STILLWELL AVE	CONEY ISLAND CRK		WO	2	STATE	6/17/2003	6.292	VGOOD	17000	\$24,480,000.00	_
243570	K	86TH ST	LIRR & SEA BEACH	LT	0	1	STATE	7/31/2002	6.250	VGOOD	3840	\$26,208,000.00	
269260 243020	K	W. 8TH STREET PARKSIDE AVE	SURF AVE. BMT SUBWAY, BRIGHTON	т	O-PED O	55 6	CITY STATE	4/1/2003 7/10/2002	4.000	FAIR	14742 48700	\$21,228,480.00 \$70,128,000.00	_
243020	ĸ	CROOKE AVE	BMT SUBWAY, BRIGHTON	T	0	4	STATE	11/11/2003	4.158	FAIR	6000	\$8,640,000.00	
243050	ĸ	CATON AVE	BMT SUBWAY, BRIGHTON	T	Ō	4	STATE	11/18/2003	4.500	FAIR	20800	\$29,952,000.00	
243080	ĸ	CHURCH AVE	BMT SUBWAY, BRIGHTON	Т	0	4	STATE	11/21/2003	4.545	FAIR	18200	\$26,208,000.00	0
243100	ĸ	BEVERLY ROAD	BMT SUBWAY, BRIGHTON	Т	0	3	STATE	11/26/2003	3.982	FAIR	2700	\$3,888,000.00	_
243110	K	CORTELYOU ROAD	BMT SUBWAY, BRIGHTON	T	0	3	STATE	12/12/2003	4.044	FAIR	2900	\$4,176,000.00	
243120	K	DORCHESTER ROAD	BMT SUBWAY, BRIGHTON	T	0	1	STATE	7/19/2002	5.804	GOOD	4825	\$6,948,000.00	
243130 243140	K	DITMAS AVE NEWKIRK AVE	BMT SUBWAY, BRIGHTON BMT SUBWAY, BRIGHTON	T	0	1 3	STATE STATE	12/10/2003 7/16/2002	5.809 4.662	GOOD	4100 4100	\$5,904,000.00 \$5,904,000.00	-
243140	K	FOSTER AVE	BMT SUBWAY, BRIGHTON	T	0	1	STATE	7/18/2002	4.662	FAIR	3000	\$4,320,000.00	
243450	ĸ	E 14TH ST	LIRR BAY RIDGE	N	ō	1	STATE	7/2/2002	5.596	GOOD	1775	\$2,556,000.00	
243460	ĸ	E 15TH ST - PED	LIRR BAY RIDGE	N	O-PED	3	CITY	04/17/02	3.650	FAIR	900	\$1,296,000.00	
243480	K	OCEAN AVE	LIRR BAY RIDGE	N	0	2	STATE	7/3/2002	4.860	FAIR	5000	\$7,200,000.00	_
243490	K	BEDFORD AVE	LIRR BAY RIDGE	N	0	6	STATE	7/10/2002	4.778	FAIR	12000	\$17,280,000.00	
243500	K	NOSTRAND AVE	LIRR BAY RIDGE	N	0	2	STATE	7/11/2002	5.186	GOOD	4320	\$6,220,800.00	_
231390 231409	K	E 12TH ST BSHP	BSHP SHEEPSHEAD BAY ROAD		A	4	STATE STATE	4/19/2002 4/23/2002	4.958	FAIR	17200 6500	\$24,768,000.00 \$9,360,000.00	
231409	K	BSHP	OCEAN AVE	+	A	3	STATE	4/23/2002	4.967	FAIR	14000	\$9,360,000.00	
31429	ĸ	BSHP	BEDFORD AVE		A	3	STATE	4/25/2002	4.278	FAIR	12000	\$17,280,000.00	-
31439	K	BSHP	NOSTRAND AVE		A	3	STATE	4/29/2002	4.097	FAIR	13000	\$18,720,000.00	
31449	ĸ	KNAPP ST	BSHP		Α	1	STATE	4/30/2002	4.594	FAIR	9500	\$13,680,000.00	0
33080	ĸ	E 14 ST PED BR	BSHP		A-PED	14	CITY	08/05/02	4.700	FAIR	4700	\$6,768,000.00	Ð
40320	K	OCEAN AVE PED BRDG	SHEEPSHEAD BAY		WO-PED	30	CITY	5/2/2003	4.070	FAIR	4000	\$5,760,000.00	
13790	K	AVENUE S	BMT SEA BEACH	T	0	1	STATE	11/5/2003	6.133	VGOOD	5360	\$6,912,000.00	
43810	K		BMT SEA BEACH	Т	0	1 75	STATE	8/1/2002	6.569	VGOOD	5880	\$12,240,000.00	
43569 43850	K	ATLANTIC AVE	LIRR ATLANTIC AVE	L N	0	75 4	STATE STATE	6/11/2002 8/12/2003	3.873	FAIR	135100 6400	\$194,544,000.00 \$9,216,000.00	
43860	ĸ	GLENMORE AVE	LIRR BAY RIDGE	N	0	2	STATE	8/4/2003	4.088	FAIR	5700	\$8,208,000.00	
43870	ĸ	PITKIN AVE	LIRR BAY RIDGE	N	0	3	STATE	7/18/2002	4.294	FAIR	5600	\$8,064,000.00	-
43890	ĸ	SUTTER AVE	LIRR BAY RIDGE	N	0	3	STATE	8/4/2003	4.118	FAIR	5400	\$7,776,000.00	
43900	ĸ	BLAKE AVE	LIRR BAY RIDGE LINE	N	0	3	STATE	7/19/2002	5.309	GOOD	4900	\$7,056,000.00	0
43910	ĸ	LIVONIA AVE PED BRDG	LIRR BAY RIDGE LINE	N	O-PED	3	CITY	01/18/01	5.458	GOOD	2500	\$3,600,000.00	
44180	K	ATLNTC AV SVC RD W.B.	EAST NEW YORK AVE	_	0	2	STATE	7/25/2003	4.491	FAIR	6200	\$8,928,000.00	-
31479	K	BSHP	MILL BASIN	_	WMA	14	STATE	12/22/2003	3.313	FAIR	73500	\$105,840,000.00	
31489 43510	K	BSHP FLATBUSH AVE	PAERDEGAT BASIN LIRR BAY RIDGE	N	WA O	15 2	STATE STATE	12/23/2003 8/12/2003	2.907 4.667	POOR	58300 5700	\$83,952,000.00	
43520	ĸ	BROOKLYN AVE	LIRR BAY RIDGE	N	0 0	3	STATE	8/6/2003	6.055	VGOOD	4500	\$6,480,000.00	-
43530	K	AVENUE H	LIRR BAY RIDGE	N	0	2	STATE	8/8/2003	6.338	VGOOD	35100	\$50,544,000.00	
43010	ĸ	LINCOLN ROAD	BMT SUBWAY, BRIGHTON	Т	0	4	STATE	10/9/2003	4.103	FAIR	6100	\$8,784,000.00	0
44010	ĸ	PROSPECT PK E DRIVE	ENDALE ARCH E DRIVE		0	1	CITY	05/07/02	4.367	FAIR	900	\$1,296,000.00	
44020	K	W DR OV WK-MA.ENT	MEADOWPORT ARCH		0	1	STATE	4/7/2003	5.571	GOOD	2500	\$3,600,000.00	
44030	K	EAST DRIVE	BRIDLE PATH		0	1	STATE	4/10/2003	5.041	GOOD	2000	\$2,880,000.00	
44040 44050	K	EAST DRIVE	EAST WOOD ARCH PED PATH & STREAM	_	o wo	1 3	CITY	6/30/2003	4.200	FAIR GOOD	900	\$1,296,000.00	_
44050	K	CENTRAL DRIVE CLEFT RIDGE SPAN	PROSPECT PARK		0	 1	STATE CITY	4/16/2003 6/10/2003	5.316 4.500	FAIR	7400 900	\$10,656,000.00	
44120	K	HILL DRIVE	PROSPECT PK LAKE		wo	3	STATE	4/18/2003	3.745	FAIR	7800	\$11,232,000.00	
31450	ĸ	BSHP	GERRITSEN INLET		WA	11	STATE	7/17/2003	3.582	FAIR	46400	\$66,816,000.00	
31460	К	FLATBUSH AVE	BSHP		Α	2	STATE	9/5/2003	6.618	VGOOD	14058	\$19,584,000.00	0
31499	K	BSHP	ROCKAWAY PKWY		A	4	STATE	5/23/2003	4.111	FAIR	11500	\$16,560,000.00	
31509	K	BSHP DENNSYLVANIA AVE	FRESH CREEK		WA	5	STATE	8/21/2003	3.278	FAIR	23000	\$33,120,000.00	
31519 69600	K	PENNSYLVANIA AVE ERSKINE STREET	BSHP BSHP		A	2 1	STATE	5/7/2003 10/30/2002	6.194 6.906	VGOOD VGOOD	6191 8258	\$8,915,040.00 \$11,891,520.00	
40019	KM	BROOKLYN BRIDGE	278I (B.Q.E.)	-	WEO	1 75	STATE STATE	10/30/2002	3.097	FAIR	8258 503788	\$725,454,720.00	
40027	KM	MANHATTAN BRIDGE(LL)	EAST RIVER	т	WEO	23	STATE	11/12/2002	3.847	FAIR	616390	\$887,601,600.00	_
40028	KM	MANHATTAN BRIDGE(UL)	NYCTA TRACKS-BMT	Ť	WEO	43	STATE	11/12/2002	4.243	FAIR	587424	\$845,890,560.00	
0039	КМ	WILLIAMSBURG BRIDGE	EAST RIVER	T	WEO	72	STATE	8/28/2002	4.556	FAIR	741000	\$1,067,040,000.00	0
40370	KQ	BRIDGE	NEWTOWN CREEK	L	WMO	12	STATE	11/11/2003	4.889	FAIR	76106	\$109,592,640.00	
0639	KQ	PULASKI BRIDGE	NEWTOWN CREEK		WMO	48	STATE	6/11/2002	5.211	GOOD	205770	\$296,308,800.00	
0390	KQ	GRAND ST BRIDGE BATTERY PLACE	NEWTOWN CREEK FDR DRIVE		MMO AT	2	STATE CITY	9/9/2002 6/29/2003	4.569 4.500	FAIR	5100 75000	\$25,000,000.00 \$108,000,000.00	
7380	M	WEST STREET	RECTOR ST	-	AT	 1	STATE	6/29/2003 10/14/2003	5.033	GOOD	4320	\$108,000,000.00	
8480	M	CHAMBERS ST PED BRDG		1	O-PED	8	CITY	8/12/2003	5.849	GOOD	3344	\$4,815,360.00	
58930	M	MORRIS ST PED BRDG	BKLN-BATTERY TUNN PLZ		A-PED	3	CITY	06/13/02	4.535	FAIR	1200	\$1,728,000.00	
3201A	M	FDR DR N.B. OFF RMP	FDR DR & SOUTH ST		AR	17	STATE	3/20/2002	3.597	FAIR	102225	\$147,204,000.00	
3201B	М	STH ST RMP TO FDR S.B.	SOUTH ST		AR	10	STATE	3/7/2002	3.925	FAIR	44625	\$64,260,000.00	
3201C	M	STH ST RMP TO FDR	SOUTH ST		AR	8	STATE	4/2/2002	4.701	FAIR	39150	\$56,376,000.00	
3201D	M		FDR & SOUTH ST.		AR	22	STATE	6/10/2002	5.492	GOOD	15825	\$22,788,000.00	
4001A	M	PARK ROW TO BKLN	WILLIAM ST N.B.		OE	3	STATE	4/22/2003	4.389		8685	\$12,506,400.00	
4001B 4001D	M	TO BKLN FRM FDR TO FDR DR N.B.	FRANKFRT & CITY PEARL STREET	-	OE OE	31 30	STATE STATE	4/24/2002 5/14/2003	4.037 5.208	FAIR GOOD	51400 49600	\$74,016,000.00 \$71,424,000.00	
4001D 4001F	M	PEARL ST TO FDR DR	LAND ADJ TO BRDG		OE	30	STATE	5/14/2003	5.208	GOOD	5200	\$71,424,000.00	
4001G	M	TO PARK ROW	ROSE ST		OE	11	STATE	5/6/2003	4.736	FAIR	16551	\$23,833,440.00	

BIN	BORO	FEATURE CARRIED	INVENTORY SC FEATURE CROSSED	RTED BY RAIL ROAD	BOROUGH BRIDGE TYPE	SPANS	MMUNITY BO RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CE
2232029	М	CORLEARS PARK ROAD	FDR DRIVE		Α	4	STATE	3/27/2002	4.125	FAIR	4100	\$5,904,000.00	_
2232030	M	DELANCEY ST PED BRDG	FDR DRIVE	_	A-PED	9	CITY	8/10/2003	4.478	FAIR	2900	\$4,176,000.00	
2232040 2232050	M	HOUSTON ST E 6TH ST PED BRDG	FDR DRIVE FDR DRIVE		A A-PED	2 22	STATE CITY	5/20/2003 3/16/2003	3.318	FAIR	11010 2200	\$15,854,400.00 \$3,168,000.00	
2232030	M	E 10TH ST PED BRDG	FDR DRIVE		A-PED	22	CITY	11/18/2003	6.435	VGOOD	1632	\$2,350,080.00	_
223204A	M	FDR NB TO HOUSTON ST HOUSTON ST RAMP TO	RELIEF		AR	4	STATE	3/21/2002	4.000	FAIR	7642	\$11,004,480.00	_
223204B	м	FDR	RELIEF		AR	4	STATE	3/21/2002	4.417	FAIR	7642	\$11,004,480.00	0
224001C	м	PEARL ST TO BKLN	LAND ADJ TO BRDG		OE	12	STATE	4/28/2003	3.712	FAIR	6489	\$9,344,160.00	0
2245010	M	11TH AVE VIADUCT	LIRR WEST SIDE YARD	AL	0	39	STATE	11/27/2002	3.875	FAIR	157500	\$226,800,000.00	
2245060	M	W 37TH ST	AMTRAK 30 ST BRANCH	A	0	3	STATE	10/28/2003	5.984	GOOD	7600	\$10,944,000.00	_
2245070 2245080	M	W 38TH ST W 39TH ST	AMTRAK 30 ST BRANCH AMTRAK 30 ST BRANCH	A	0	2	STATE STATE	6/26/2002 6/26/2002	4.077	FAIR	6200 6300	\$8,928,000.00	
2245090	M	W 43RD ST	AMTRAK 30 ST BRANCH	Â	0	2	STATE	5/20/2002	4.765	FAIR	4100	\$5,904,000.00	_
2245100	м	W 44TH ST	AMTRAK 30 ST BRANCH	Α	0	2	STATE	5/20/2002	4.662	FAIR	4300	\$6,192,000.00	_
2245110	м	W 45TH ST	AMTRAK 30 ST BRANCH	Α	0	2	STATE	5/21/2002	4.632	FAIR	4100	\$5,904,000.00	0
2245120	M	W 46TH ST	AMTRAK 30 ST BRANCH	A	0	2	STATE	6/5/2002	4.559	FAIR	4100	\$5,904,000.00	
2245130 2245140	M	W 47TH ST W 48TH ST	AMTRAK 30 ST BRANCH AMTRAK 30 ST BRANCH	A	0	2	STATE STATE	5/28/2002 5/29/2002	4.721	FAIR	4100 4100	\$5,904,000.00	
2245140	M	W 49TH ST	AMTRAK 30 ST BRANCH	A	0	2	STATE	6/5/2002	4.735	FAIR	4100	\$5,904,000.00 \$5,904,000.00	_
2245160	M	W 51ST ST	AMTRAK 30 ST BRANCH	Ā	0	2	STATE	5/30/2002	4.794	FAIR	4300	\$6,192,000.00	
2245170	м	W 52ND ST	AMTRAK 30 ST BRANCH	Α	0	2	STATE	5/29/2002	5.074	GOOD	4300	\$6,192,000.00	
2245180	М	W 53RD ST	AMTRAK 30 ST BRANCH	Α	0	2	STATE	5/29/2002	5.338	GOOD	5100	\$7,344,000.00	0
2245190	М	W 58TH ST	AMTRAK 30 ST BRANCH	Α	0	2	STATE	6/6/2002	4.588	FAIR	4100	\$5,904,000.00	_
2245209	M	11TH AVE	AMTRAK 30 ST BRANCH	A	0	2	STATE	6/17/2002	4.471	FAIR	15400	\$22,176,000.00	_
2245210	M	W 42ND ST	AMTRAK 30 ST BRANCH	A	0	4	STATE	7/22/2002	4.429		10300	\$14,832,000.00	_
2245220 2245330	M	W 57TH ST W 41ST ST	AMTRAK 30 ST BRANCH AMTRAK 30 ST BRANCH	A	0	3	STATE STATE	6/17/2002 7/22/2002	4.838	FAIR	9100 6200	\$13,104,000.00 \$8,928,000.00	
2245330	M	W 50TH ST	AMTRAK 30 ST BRANCH	A	0	2	STATE	5/30/2002	4.159	FAIR	4100	\$5,904,000.00	
2245350	M	W 54TH ST	AMTRAK 30 ST BRANCH	A	0	2	STATE	6/3/2002	5.603	GOOD	4700	\$6,768,000.00	-
2245360	M	W 55TH ST	AMTRAK 30 ST BRANCH	A	0	2	STATE	6/3/2002	5.529	GOOD	4300	\$6,192,000.00	_
2245370	М	W 56TH ST	AMTRAK 30 ST BRANCH	Α	0	2	STATE	6/3/2002	5.368	GOOD	4400	\$6,336,000.00	
2245440	M	W 40TH ST	AMTRAK 30 ST BRANCH	A	0	4	STATE	12/14/2003	3.956	FAIR	9400	\$13,536,000.00	
224501B 224501C	M	W 33RD ST	AMTRAK 30 ST BRANCH	A	0	8 2	STATE STATE	6/28/2002	4.347 4.750	FAIR	16500 4620	\$23,760,000.00	_
224501C	M	W 33RD ST W 34TH ST	LAND ADJ TO AMTRAK AMTRAK 30 ST BRANCH	A	0	4	STATE	6/3/2003 6/5/2003	4.750	FAIR	11800	\$6,652,800.00 \$16,992,000.00	
24501E	M	W 35TH ST	AMTRAK 30 ST BRANCH	Ā	0	3	STATE	6/25/2002	4.347	FAIR	6500	\$9,360,000.00	_
24501F	M	W 36TH ST	AMTRAK 30 ST BRANCH	A	0	7	STATE	6/26/2002	4.090	FAIR	16400	\$23,616,000.00	
26672A	М	W 31ST ST	AMTRAK LAYUP TRACKS	Α	0	9	STATE	7/22/2002	3.587	FAIR	8800	\$12,672,000.00	0
245460	м	PARK AVE S.B.	E 45TH ST		0	1	STATE	8/29/2003	4.946	FAIR	2400	\$3,456,000.00	
2245470	M	PARK AVE N.B	E 45TH ST	_	0	1	STATE	9/17/2003	4.865	FAIR	2400	\$3,456,000.00	
246040	M	EAST DR AT CNTRL PARK			0	1	CITY	06/20/03	5.000	GOOD	1200	\$1,728,000.00	
2246540 2232070	M	E 34TH ST 25TH ST PED BRDG	PARK AVE TUNNEL FDR DRIVE	_	OT A-PED	1 4	STATE CITY	9/9/2003 3/16/2003	4.033 4.594	FAIR	36200 1700	\$52,128,000.00 \$2,448,000.00	
2232100	M	E 51ST ST PED BRDG	FDR DRIVE		A-PED	10	CITY	3/9/2003	4.161	FAIR	2800	\$4,032,000.00	_
2233040	M	E 60TH ST	FDR DRIVE		A	17	STATE	8/8/2003	3.318	FAIR	24480	\$35,251,200.00	_
2246550	м	PARK AVE VIADUCT	E 42ND ST		0	10	STATE	10/29/2003	4.716	FAIR	19600	\$28,224,000.00	
2246560	м	TUDOR CITY PLACE	E 42ND ST		0	1	STATE	4/25/2002	5.056	GOOD	6600	\$9,504,000.00	
2246570	M	UNITED NATIONS PL	FIRST AVE TUNNEL	_	ОТ	2	STATE	10/31/2002	5.000	GOOD	92200	\$132,768,000.00	_
2268650 224001E	M	FDR NB 42ND TO 49ST	EAST RIVER		A	119	STATE	8/28/2003	4.415	FAIR	30767	\$44,304,480.00	
224001E	M	TO PEARL ST TO QNS FRM E 59TH ST	LAND ADJ TO BRDG FIRST AVE		OE OE	3 13	STATE STATE	5/12/2003 11/25/2002	5.225 5.789	GOOD GOOD	5300 14800	\$7,632,000.00 \$21,312,000.00	
224004B	M	TO E 60TH ST FROM QNS	FIRST AVE		OE	13	STATE	11/26/2002	5.792	GOOD	14800	\$21,312,000.00	
224004C	M	TO E 62ND ST FROM QNS	E 60TH ST		OE	10	STATE	11/27/2002	4.985	FAIR	16720	\$24,076,800.00	
224004D	М	TO QNS FROM E 58TH ST	E 59TH ST		OE	12	STATE	11/22/2002	4.585	FAIR	11781	\$16,964,640.00	0
224004J	М	25X	NYC GARAGE		OE	14	STATE	11/21/2002	4.780	FAIR	22058	\$31,763,520.00	_
2229289	M	HHP VIADUCT	W 72 ST TO W 79 ST	A	A	145	STATE	9/23/2002	3.299	FAIR	236100	\$339,984,000.00	
2229290 2229309	M	W 79 ST HHP	AMTRAK RIVERSIDE PARK	A	A	1	STATE	9/26/2002 2/25/2002	4.424	FAIR GOOD	4500 2400	\$6,480,000.00	_
2229309	M	HHP SB	RAMP TO 96 ST	-	A	1	STATE STATE	3/1/2002	5.267 4.273	FAIR	2400	\$3,456,000.00	_
2229312	M	HHP NB	RAMP TO 96 ST		A	1	STATE	3/1/2002	4.273	FAIR	2000	\$2,880,000.00	
2229321	M	HHP SB	RAMP TO 96 ST		A	1	STATE	6/6/2002	5.200	GOOD	2000	\$2,880,000.00	_
2229322	М	HHP NB	RAMP TO 96 ST		Α	1	STATE	6/6/2002	5.167	GOOD	2000	\$2,880,000.00	0
2246970	M	RIVERSIDE DRIVE	W 96TH ST		0	3	STATE	6/9/2003	5.618	GOOD	10600	\$15,264,000.00	_
257569	M	MILLER HIGHWAY	TERRAIN	-	A	63	STATE	7/1/2003	5.000	GOOD	287539	\$414,056,160.00	
267250	M		AMTRAK 30TH ST LINE 79 ST BT BASIN GAR	A	A	55 10	STATE STATE	7/22/2002 5/2/2003	3.435	FAIR	40000	\$57,600,000.00	
267718	M	79 ST PED PLAZA 79 ST TRAFFIC CIRC	79 ST PED PLAZA	-	A	10 34	STATE	5/13/2003	4.593	FAIR	27400 24130	\$39,456,000.00 \$34,747,200.00	
269190	M	W.70TH STREET	AMTRAK	Α	0	3	STATE	11/3/2003	6.583	VGOOD	17433	\$25,103,520.00	_
269210	M	W.68TH STREET	AMTRAK	A	0	3	STATE	11/21/2003	6.746	VGOOD	5382	\$7,702,560.00	_
26771A	М	79 ST RAMP TO HHP	79 ST BT BASIN GAR		AR	4	STATE	5/16/2003	4.242	FAIR	3131	\$4,508,640.00	0
26771B	M	79 ST RAMP TO GAR	79 ST BT BASIN GAR		AR	21	STATE	5/23/2003	4.452	FAIR	7114	\$10,244,160.00	_
26771C	M	GAR RAMP TO 79 ST	79 ST BT BASIN GAR		AR	21	STATE	6/9/2003	4.726	FAIR	9095	\$13,096,800.00	
26771D 100003	M	SB HHP RAMP TO 79 ST HHP ON/OFF RMP-79 WB	79 ST BT BASIN GAR PEDESTRIAN PATH	_	AR	4	STATE CITY	5/29/2003 7/16/2003	4.645 5.000	FAIR GOOD	2601 900	\$3,745,440.00	
100003	M	HHP ON/OFF RMP-79 WB	PEDESTRIAN PATH	-	A	1	CITY	7/16/2003	4.900	FAIR	900	\$1,296,000.00	
232110	M	E 64TH ST PED BRDG	FDR DRIVE		A-PED	13	CITY	3/9/2003	5.050	GOOD	2100	\$3,024,000.00	_
232120	M	E 71ST ST PED BRDG	FDR DRIVE		A-PED	19	CITY	5/2/2003	7.000	VGOOD	1800	\$2,592,000.00	
232140	М	E 78TH ST PED BRDG	FDR DRIVE		A-PED	9	CITY	3/23/2003	3.578	FAIR	1700	\$2,448,000.00	_
232158	М	FDR DRIVE S.B.	FDR DRIVE N.B.		AT	56	STATE	6/18/2003	4.773	FAIR	54302	\$78,194,880.00	
232167	M	PROMENADE OVER FDR	FDR/E79TH ST-E91ST ST		A-PED	53	STATE	7/28/2003	3.571	FAIR	93000	\$133,920,000.00	
233038	M	FDR DRIVE SB	FDR NB / E 62ND ST		AT	46	STATE	8/1/2003	2.698	POOR	70113	\$100,962,720.00	_
245319	M	E 97TH ST E 66TH ST	METRO NORTH MAIN LN	м	0	1	STATE	11/25/2002	4.686	FAIR GOOD	3200	\$4,608,000.00	
245380	M	E 66TH ST TRANSVERSE RD. #1	PED WALK N. OF ZOO PED WALK NEAR 5 AV		0	1	STATE STATE	3/18/2002 3/15/2002	5.000 4.364	FAIR	1500 2000	\$2,160,000.00 \$2,880,000.00	
2269820	M	E 81 ST PED BRIDGE	FDR DRIVE N.B.		A-PED	3	CITY	11/2/2002	3.213	FAIR	900	\$1,296,000.00	
2229339	M	HHP	ST CLAIR PLACE		A	64	STATE	4/14/2002	4.014	FAIR	370000	\$532,800,000.00	_
2245230	M	W 148TH ST PED BRDG	AMTRAK 30 ST BRANCH	Α	O-PED	3	CITY	09/07/01	3.692	FAIR	1100	\$1,584,000.00	
		W 155TH ST PED BRDG	AMTRAK 30 ST BRANCH	Α	O-PED	3	CITY	09/09/02	3.646	FAIR	800	\$1,152,000.00	

BIN	BORO	FEATURE CARRIED	INVENTORY SO	RIED BY RAIL ROAD	BRIDGE TYPE	SPANS	RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
2246660	M	RIVERSIDE DRIVE	W 125TH ST & OTHERS		0	27	STATE	6/25/2003	4.500	FAIR	148300	\$213,552,000.00) 9
2246670	M	W 134 ST VIADUCT	RIVERSIDE DRIVE		0	3	STATE	6/27/2003	4.852	FAIR	7927	\$11,414,880.00) 9
2246720	М	RIVERSIDE DRIVE	W 158TH ST		0	77	STATE	11/19/2003	3.542	FAIR	181400	\$261,216,000.00) 9
2246980	М	RIVERSIDE DRIVE	W 138TH ST		0	1	STATE	4/23/2002	4.900	FAIR	6700	\$9,648,000.00	
2266229	M	HHP	PED UNDERPASS @ 148 ST		Α	1	STATE	4/8/2002	5.621	GOOD	1800	\$2,592,000.00	
2267130	M	RIVERSIDE DRIVE	W 145TH ST		0	1	STATE	6/11/2003	4.867	FAIR	5800	\$8,352,000.00	-
222933A	M	RAMP FROM S.B. HHP	W 135 ST		AR	9	STATE	7/11/2002	4.746	FAIR	12900	\$18,576,000.00	
222933B	M	RAMP TO N.B. HHP	W 135 ST		AR	14	STATE	3/29/2002	4.423	FAIR	14400	\$20,736,000.00	-
2246490	M	A.C. POWELL BLVD N.B.	A.C. POWELL BLVD		0	1	STATE	4/10/2002	4.061	FAIR	5600	\$8,064,000.00	-
2246710	M	W 153 ST	A.C. POWELL BLVD		0	1	STATE	4/10/2002	4.389	FAIR	3082	\$4,438,080.00	
2232180	M	E 103RD ST PED BRDG	FDR DRIVE		A-PED	20	CITY	7/29/2003	5.000	GOOD	6000	\$8,640,000.00	-
2232190	M	E 111TH ST PED BRDG	FDR DRIVE		A-PED	14	CITY	3/2/2003	4.100	FAIR	2600	\$3,744,000.00	
2232200 2233059	M	E 120TH ST PED BRDG	FDR DRIVE		A-PED	23	CITY	3/2/2003	4.300	FAIR	2500	\$3,600,000.00	
2233059	IVI	HARLEM RIVER DRIVE	RAMP TO HRD N.B.		A	11	STATE	6/27/2003	3.418	FAIR	51000	\$73,440,000.00) 11
2240620	м	WARDS ISLAND PED BRDG	HARLEM RIVER		WMO- PED	10	CITY	7/29/2003	4.049	FAIR	12600	\$18,144,000.00	11
2246620	M	PEDESTRIAN BRIDGE	E 128TH ST		0-PED	18	CITY	04/24/02	4.717	FAIR	2300	\$3,312,000.00	-
2246990	M	129 - 130 ST PED BRDG	RAMP OFF 3RD AVE		O-PED	5	CITY	05/29/02	4.238	FAIR	500	\$720,000.00	
224005A	M	FROM FDR DRIVE	HARLEM RIVER DR		OR	19	STATE	6/3/2002	3.940	FAIR	29900	\$43,056,000.00	
224007A	M	TO MADISON AVENUE	RELIEF		OR	9	STATE	8/6/2002	5.704	GOOD	22600	\$32,544,000.00	
2229349	M	HHP	W 158 ST	Α	A	44	STATE	10/2/2002	4.155	FAIR	140000	\$201,600,000.00	
2229400	M	W 181ST ST PED BRDG	HHP N.B.		A-PED	6	CITY	2/5/2003	4.652	FAIR	1500	\$2,160,000.00	
2245040	M	FORT TRYON PARK	SOUTH OF CLOISTERS		0	1	CITY	7/15/2003	5.333	GOOD	750	\$1,080,000.00	
2245050	M	FORT TRYON PARK	UNDERPASS		Ō	1	CITY	7/15/2003	4.867	FAIR	750	\$1,080,000.00	_
2245250	M	W 158TH ST	AMTRAK 30 ST BRANCH	Α	0	7	STATE	11/14/2003	6.431	VGOOD	29170	\$42,004,800.00	_
2245260	M	W 173RD ST PED BRDG	AMTRAK 30 ST BRANCH	A	O-PED	2	CITY	10/15/02	4.657	FAIR	1500	\$2,160,000.00	_
2245300	M	INWOOD HILL PK FTBR	AMTRAK 30 ST BRANCH	A	O-PED	6	CITY	09/30/02	4.361	FAIR	700	\$1,008,000.00	-
2245480	M	TO GWB OPP W 171ST ST	RIVERSIDE DRIVE		0	1	STATE	9/3/2002	5.333	GOOD	10800	\$15,552,000.00	
2246489	M	W 181 ST	RAMP TO WASH BR		0	1	STATE	3/28/2002	4.633	FAIR	8200	\$11,808,000.00	_
2246500	м	FORT TRYON PLACE	ENTR FROM RIVERSIDE DR		0	1	STATE	4/12/2002	4.233	FAIR	6600	\$9,504,000.00	-
2246510	м	CORBIN PL OVERPASS	CORBIN PLACE		0	1	STATE	3/11/2002	5.133	GOOD	2200	\$3,168,000.00	_
2246600	м	W 176TH ST PED BRDG	APPROACH TO G.W.B.		O-PED	1	CITY	3/21/2003	4.517	FAIR	1200	\$1,728,000.00) 12
2246690	М	ISHAM PK VEHICULR	HARLEM RIVER INLET		0	1	STATE	11/12/2002	6.652	VGOOD	700	\$1,008,000.00) 12
2266230	M	HHP	PED UNDERPASS INWD PK		Α	1	STATE	2/22/2002	6.211	VGOOD	800	\$1,152,000.00) 12
2266240	M	HHP	PED UNDERPASS INWD PK		Α	1	STATE	3/11/2002	5.762	GOOD	1100	\$1,584,000.00) 12
2267240	M	HRD NB RAMP	HARLEM RIVER DR		Α	51	STATE	9/23/2003	3.000	POOR	112860	\$162,518,400.00) 12
2268760	M	PS-5 PEDESTRIAN BR.	TENTH AVENUE		O-PED	5	CITY	6/3/2003	5.837	GOOD	1500	\$2,160,000.00) 12
222934A	M	RAMP TO N.B. HHP	AMTRAK WEST SIDE	A	AR	26	STATE	9/24/2002	3.667	FAIR	10800	\$15,552,000.00) 12
M00001	М	PEDESTRIAN TUNNEL	BROADWAY TO		O-PED	1	CITY	10/25/02	4.556	FAIR	2000	\$2,880,000.00) 12
2245420	М	W 65TH ST E.B.	BRIDLE PATH W END		0	1	STATE	4/1/2002	4.864	FAIR	1600	\$2,304,000.00	64
2246000	М	WEST DRIVE	PED BET 61ST & 62ST		0	1	STATE	3/14/2002	5.267	GOOD	2500	\$3,600,000.00	64
2246030	М	PEDESTRIAN BRIDGE	POND		O-PED	1	CITY	7/28/2003	4.448	FAIR	1400	\$2,016,000.00	64
2246050	M	CENTRAL DRIVE	PED OPP 63RD ST		0	1	STATE	3/25/2002	5.000	GOOD	2000	\$2,880,000.00) 64
2246069	М	EAST DRIVE	PEDESTRIAN WALK		0	1	STATE	3/25/2002	4.500	FAIR	2700	\$3,888,000.00	-
2246070	М	CPK UNDER CENTR DR	OPP 65TH ST-IN E&W		0	1	CITY	6/23/2003	5.733	GOOD	1200	\$1,728,000.00	
2246080	м	WEST DRIVE	BRIDLE PATH @ 64TH ST		0	1	STATE	4/2/2002	4.667	FAIR	2000	\$2,880,000.00	-
2246090	M	PED BRDG OPP 65 ST	TRANSVERSE RD #1		O-PED	1	CITY	6/21/2003	4.483	FAIR	2300	\$3,312,000.00	
2246100	M	CONTRAL DRIVE	TRANSVERSE RD #1		0	1	STATE	5/18/2002	4.333	FAIR	6000	\$8,640,000.00	
2246110	M	EAST DRIVE	TRANSVERSE RD #1		0	1	STATE	5/19/2002	4.567	FAIR	6000	\$8,640,000.00	-
2246120	M	WEST DRIVE	TRANSVERSE RD #1		0	1	STATE	5/19/2002	4.833	FAIR	7900	\$11,376,000.00	
2246130	M	CENTRAL PARK	UNDER EAST DRIVE		0	1	CITY	6/20/2003	4.276	FAIR	1200	\$1,728,000.00	-
2246140	M	72ND ST ENT TO W DR	BRIDLE PATH		0	1	STATE	2/26/2002	4.867	FAIR	3600	\$5,184,000.00	
2246150	M	72ND ST CROSS DR	NEAR CONCERT GRNDS		0	3	STATE	3/6/2002	4.941	FAIR	7300	\$10,512,000.00	
2246170	M	EAST DRIVE	PED WALK @ 73RD ST		0	1	STATE	3/6/2002	5.019	GOOD	1900	\$2,736,000.00	-
2246230	M	EAST DRIVE	TRANSVERSE RD #2		0	1	STATE	6/2/2002	4.533	FAIR	6500	\$9,360,000.00	
2246240	M	WEST DRIVE	TRANSVERSE RD #2		0	1	STATE	6/2/2002	4.167	FAIR	7200	\$10,368,000.00	
2246250	M	EAST DRIVE	TRANSVERSE RD #3		0	1	STATE	4/21/2002	4.467	FAIR	5100	\$7,344,000.00	
2246260 2246270	M	WEST DRIVE EAST DRIVE	TRANSVERSE RD #3 TRANSVERSE RD #4		0	1	STATE STATE	4/21/2002 6/8/2002	4.800 3.967	FAIR	5100 7000	\$7,344,000.00	
								-				\$10,080,000.00	
2246280 2246330	M	WEST DRIVE WEST DRIVE	TRANSVERSE RD #4 FEEDER TO LAKE		O WO	1	STATE STATE	6/8/2002 3/4/2002	4.133 5.000	FAIR GOOD	4700 6700	\$6,768,000.00 \$9,648,000.00	
2246330	M	CNTRL PK OVER E DRIVE	S OF CLEOPATRAS NDL		0	1	CITY	6/23/2003	4.300	FAIR	750	\$9,648,000.00	
2246350	M	WEST DRIVE	PED WALK OPP 82 ST		0	1	STATE	3/5/2002	6.136	VGOOD	3100		
2246360	M	E FOOTBRIDGE	TRANSVERSE RD #2		O-PED	1	CITY	3/5/2002	4.500	FAIR	3100	\$4,464,000.00 \$5,328,000.00	
2246400	M	WEST DRIVE	PED OPP 109TH ST	-	0-PED	1	STATE	3/8/2002	4.500	FAIR	1200	\$1,728,000.00	_
2246430	M	PED IN CTR OF PK	TRANSVERSE RD NO.2	-	O-PED	1	CITY	10/4/2003	4.165	FAIR	5900	\$8,496,000.00	_
2246440	M	79 ST ENTR TO E DR	PED PATH OPP 77TH ST	-	0-PED	1	STATE	2/27/2002	4.655 5.190	GOOD	5900	\$7,200,000.00	
2246450	M	77 ST ENTR TO E DR	PED PATH OPP 77TH ST	-	0	2	STATE	3/7/2002	4.789	FAIR	5800	\$8,352,000.00	_
2246470	M	EAST DRIVE	THE LOCH		wo	1	STATE	4/3/2002	4.700	FAIR	1100	\$1,584,000.00	
		QUEENSBORO											
2240047	MQ	BRIDGE(LL)	EAST RIVER	L	WEO	53	STATE	1/23/2003	4.514	FAIR	626900	\$902,736,000.00) 6
		QUEENSBORO			.			Ι					
2240048	MQ	BRIDGE(UL)	EAST RIVER-LL		WEO	37	STATE	1/23/2003	4.547	FAIR	322300	\$464,112,000.00	
2240640	MQ	ROOSEVELT ISLAND	E. RIVER E. CHANNEL		WMO	8	STATE	6/14/2002	4.292	FAIR	36500	\$52,560,000.00	-
2230600	Q	STEINWAY ST	278I W.B. (B.Q.E.)		Α	1	STATE	2/14/2002	4.333	FAIR	4200	\$6,048,000.00	
2230610	Q	STEINWAY ST	278I E.B. (B.Q.E.)		Α	1	STATE	2/13/2002	4.028	FAIR	4200	\$6,048,000.00	
2230620	Q	37TH ST	278I (B.Q.E.)		Α	2	STATE	5/15/2002	4.667	FAIR	5300	\$7,632,000.00	
2230630	Q	35TH ST	278I (B.Q.E.)		Α	4	STATE	8/20/2002	4.819	FAIR	9000	\$12,960,000.00	
2230640	Q	32ND ST	278I (B.Q.E.)		Α	2	STATE	4/15/2003	4.986	FAIR	8100	\$11,664,000.00	
2230657	Q	31ST ST	278I (B.Q.E.)		Α	2	STATE	8/9/2002	5.222	GOOD	9500	\$13,680,000.00	
2230690	Q	BQE EAST LEG NB	32ND AVE		Α	1	STATE	6/20/2003	3.844	FAIR	6160	\$8,870,400.00	
2230700	Q	BQE EAST LEG	TO BQE WEST LEG		Α	14	STATE	5/13/2002	3.611	FAIR	16800	\$24,192,000.00	
2230710	Q	278I S.B. (B.Q.E.)	32ND AVE		Α	1	STATE	8/28/2003	6.797	VGOOD	4500	\$6,480,000.00	
2230720	Q	BQE EAST LEG	BQE NB WEST LEG		Α	1	STATE	6/11/2003	6.667	VGOOD	2700	\$3,888,000.00) 1
2230730	Q	31ST AVE	278I (B.Q.E.)		Α	1	STATE	8/27/2003	6.800	VGOOD	3700	\$5,328,000.00	
2230740	Q	BQE WEST LEG SB	31ST AVE		Α	1	STATE	7/8/2003	7.000	VGOOD	3700	\$5,328,000.00	
2230750	Q	BQE EAST LEG SB	31ST AVE		Α	1	STATE	7/8/2003	6.068	VGOOD	2900	\$4,176,000.00	
		BQE WEST LEG NB	31ST AVE		Α	1	STATE	9/5/2002	4.234	FAIR	2900	\$4,176,000.00	
2230760	Q	DOE WEST LEG ND	30TH AVE			-				VGOOD		φ+,170,000.00	

BIN	BORO	FEATURE CARRIED	INVENTORY SO	RTED BY RAIL ROAD	BOROUGH BRIDGE TYPE	AND CON	MMUNITY BO RATING SOURCE	DARD DISTRICT INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
2230790	Q	BULOVA AVE	BQE WEST LEG		Α	2	STATE	4/24/2002	5.667	GOOD	3300	\$4,752,000.00	
2230800	Q	49TH ST	BQE WEST LEG		A	2	STATE	5/22/2002	5.194	GOOD	4900	\$7,056,000.00	
2230810	Q	ASTORIA BLVD E.B.	BQE WEST LEG		A	4	STATE	6/5/2002	4.309	FAIR	8200	\$11,808,000.00	
2230820 2230830	Q	47TH ST BQE WEST LEG	GCP GCP	-	A	2	STATE STATE	6/6/2002 8/9/2002	4.944 4.861	FAIR	5700 7600	\$8,208,000.00	
2230830	Q	44TH ST	GCP		A	2	STATE	5/29/2002	4.833	FAIR	5000	\$10,944,000.00 \$7,200,000.00	
2230840	Q	49TH ST	GCP		A	2	STATE	7/31/2002	4.033	FAIR	5500	\$7,920,000.00	
2240660	Q	RIKERS ISLAND BRIDGE	RIKERS ISL CHANNEL		wo	56	STATE	8/29/2003	4.423	FAIR	183100	\$263,664,000.00	
224004G	Q	TO NY FROM 11TH ST	TERRAIN (CHAMBER)		OE	36	STATE	10/30/2002	4.634	FAIR	8360	\$12,038,400.00	
1247280	Q	51 AVE PED BR.2247280	LIRR MAIN LINE	L	O-PED	5	CITY	11/20/01	3.355	FAIR	700	\$1,008,000.00	2
2230520	Q	65TH PLACE	278I (B.Q.E.)		Α	2	STATE	3/5/2002	4.456	FAIR	11600	\$16,704,000.00	
2230530	Q	QUEENS BLVD	278I (B.Q.E.)		Α	2	STATE	8/23/2002	4.681	FAIR	23500	\$33,840,000.00	
2230540	Q	WOODSIDE AVE	278I (B.Q.E.)		A	1	STATE	1/21/2002	5.141	GOOD	7500	\$10,800,000.00	
2230550	Q	69TH ST	278I (B.Q.E.)		A	2	STATE	5/6/2002	4.842	FAIR	12600	\$18,144,000.00	
2230560 2230570	Q Q	70TH ST 41ST AVE	278I (B.Q.E.) 278I (B.Q.E.)		A	2	STATE STATE	5/6/2002 3/27/2002	5.125 5.014	GOOD GOOD	8500 8800	\$12,240,000.00 \$12,672,000.00	
2230570	Q	ROOSEVELT AVE	278I (B.Q.E.)		A	2	STATE	3/28/2002	4.647	FAIR	6600	\$9,504,000.00	
2230590	Q	BROADWAY	278I (B.Q.E.)		Ö	2	STATE	6/4/2002	3.842	FAIR	16000	\$23,040,000.00	
2230669	Q	278I (B.Q.E.)	35TH AVE		A	1	STATE	8/29/2003	6.627	VGOOD	6500	\$9,360,000.00	
2230679	Q	278I (B.Q.E.)	34TH AVE		Α	3	STATE	5/12/2003	6.898	VGOOD	9500	\$13,680,000.00	
2230680	Q	278I (B.Q.E.)	NORTHERN BLVD		Α	1	STATE	5/24/2002	4.571	FAIR	5900	\$8,496,000.00	2
2230869	Q	QUEENS BLVD	ACCESS RD BQE S.B.		Α	1	STATE	7/24/2002	4.205	FAIR	7900	\$11,376,000.00	2
2240410	Q	BORDEN AVE	DUTCH KILLS		WMO	2	STATE	7/14/2003	3.403	FAIR	8400	\$12,096,000.00	
2240450	Q	HUNTERS PT AVE BRIDGE			WMO	4	STATE	5/13/2002	5.167	GOOD	11544	\$16,623,360.00	
2247120	Q	WOODSIDE AVE		L	0	3	STATE	7/19/2003	4.444	FAIR	14900	\$21,456,000.00	
2247150	Q	65TH ST	LIRR N SIDE DIV	L	0	3	STATE	7/2/2003	6.542	VGOOD	6344	\$8,640,000.00	
2247160 2247260	Q	65TH PLACE	LIRR N SHR DIV	L	0	3	STATE	7/2/2003	6.471	VGOOD	8381	\$12,068,640.00	
2247260	Q	JACKSON AVE 21ST STREET	LIRR,AMT,CON NE CONRAIL	C	0	1 6	STATE STATE	11/4/2002 7/7/2003	6.183 5.528	VGOOD GOOD	4517 17590	\$6,504,480.00 \$25,329,600.00	
2247290	Q	49TH AVE	LIRR,AMT,CON NE	L	0	5	STATE	11/1/2002	4.389	FAIR	20200	\$29,088,000.00	
2247300	Q	THOMPSON AVE	AMTRAK YARD	L	0	14	STATE	12/13/2002	5.333	GOOD	61280	\$88,243,200.00	
2247310	Q	QUEENS BLVD	AMTRAK & LIRR YARD	L	0	19	STATE	12/10/2002	6.465	VGOOD	92400	\$133,056,000.00	
2247320	Q	HONEYWELL ST	AMTRAK & LIRR YARD	AL	0	22	STATE	7/30/2003	6.569	VGOOD	98300	\$141,552,000.00	
2247330	Q	39TH ST (NORTH)	SUNNYSIDE YARDS	AL	0	14	STATE	9/9/2003	6.556	VGOOD	48200	\$69,408,000.00	2
2247370	Q	37TH AVE	CONRAIL HELLGATE	С	0	1	STATE	8/6/2003	4.818	FAIR	5300	\$7,632,000.00	
2247380	Q	ROOSEVELT AVE	CONRAIL HELLGATE	С	0	2	STATE	9/23/2002	5.042	GOOD	5200	\$7,488,000.00	
2247390	Q	41ST AVE	CONRAIL HELLGATE	C	0	2	STATE	8/6/2003	4.942	FAIR	4000	\$5,760,000.00	
2247400	Q	WOODSIDE AVE	CONRAIL	C	0	1	STATE	8/7/2003	5.067	GOOD	8200	\$11,808,000.00	
2247410 2247420	Q	43RD AVE 44TH AVE	CONRAIL	C C	0	1 1	STATE	8/8/2003	5.033 5.033	GOOD	4800 5100	\$6,912,000.00	
2247420	Q	45TH AVE	CONRAIL	C	0	1	STATE STATE	8/8/2003 8/8/2003	5.510	GOOD	2400	\$7,344,000.00 \$3,456,000.00	
2247640	Q	39 ST (SOUTH)	AMTRAK & LIRR YARD	AL	0	9	STATE	9/10/2003	6.125	VGOOD	34100	\$49,104,000.00	
224004E	Q	TO NY FR THOMSON AVE	JACKSON AVE		OE	64	STATE	12/14/2002	4.906	FAIR	104600	\$150,624,000.00	
224004F	Q	TO NY FROM 21ST ST	21ST ST (QUEENS)		OE	63	STATE	11/20/2002	4.652	FAIR	63310	\$91,166,400.00	
224004H	Q	TO 21ST ST FROM NY	22ND ST		OE	34	STATE	12/5/2002	4.655	FAIR	48100	\$69,264,000.00	
		TO THOMSON AVE FROM											
224004I	Q	NY	JACKSON AVE		OE	38	STATE	11/12/2002	5.246	GOOD	59100	\$85,104,000.00	
2230780	Q	BQE EAST LEG	30TH AVE		A	3	STATE	6/10/2003	6.746	VGOOD	9400	\$13,536,000.00	
1247010	Q	91 PLACE (2247010)	LIRR PT WASH BRANCH	L	0	3	STATE	6/23/2003	7.000	VGOOD	4200	\$6,048,000.00	
2247020 2247180	Q	94TH ST PED BRDG GRAND AVE	LIRR N SIDE DIV	L	O-PED O	5 3	CITY	12/16/02 7/23/2002	4.211 5.000	FAIR GOOD	500 7415	\$720,000.00 \$10,677,600.00	
2247190	Q	55TH AVE PED BRDG	LIRR MAIN LINE	L	O-PED	3	CITY	12/07/00	4.429	FAIR	13000	\$18,720,000.00	
2247620	Q	MYRTLE AVE	ABANDONED LIRR	Ē	0	3	STATE	3/27/2002	5.250	GOOD	6725	\$9,684,000.00	
1247560	Q	METROPOLITAN AVE	LIRR MONTAUK DIV	L	0	2	STATE	6/19/2003	3.683	FAIR	20900	\$30,096,000.00	
2230040	Q	CYPRESS HILLS ST	JACKIE ROBINSON PKWY		Α	1	STATE	7/10/2002	5.611	GOOD	5000	\$7,200,000.00	
2230050	Q	CYP HILLS CEM WEST	JACKIE ROBINSON PKWY		Α	3	STATE	4/3/2003	3.955	FAIR	4400	\$6,336,000.00	5
2230070	Q	CYP HILLS CEM EAST	JACKIE ROBINSON PKWY		A	3	STATE	4/4/2003	4.114	FAIR	4400	\$6,336,000.00	5
2230099	Q	JACKIE ROBINSON PKWY			Α	1	STATE	1/17/2002	5.483	GOOD	4200	\$6,048,000.00	
2247440	Q	GRAND AVE	CONRAIL	C	0	1	STATE	8/11/2003	6.567	VGOOD	3400	\$4,896,000.00	
2247450	Q	57TH AVE	CONRAIL	C	0	1	STATE	8/11/2003	6.195	VGOOD	2248	\$3,456,000.00	
2247460	Q	CALDWELL AVE	CONRAIL	C C	0	1	STATE	9/24/2002	6.639 5.250	VGOOD GOOD	2243	\$3,229,920.00	
2247470 2247480	Q	ELIOT AVE JUNIPER BLVD SO	CONRAIL	C	0	1 1	STATE	8/12/2003 8/12/2003	5.250	GOOD	3600 8500	\$5,184,000.00 \$12,240,000.00	
2247480	Q	69TH ST JUNPR BLVD	CONRAIL	C	0	1	STATE	9/25/2002	5.455	GOOD	6175	\$8,892,000.00	
2247500	Q	METROPOLITAN AVE	CONRAIL	c	0	1	STATE	8/12/2003	4.167	FAIR	18650	\$26,856,000.00	
2247530	Q	ANDREWS AVE	LIRR MONTAUK DIV	L	0	4	STATE	6/16/2003	4.113	FAIR	3200	\$4,608,000.00	
2247540	Q	60TH ST	LIRR MONTAUK DIV	L	0	2	STATE	6/17/2003	5.264	GOOD	5340	\$7,689,600.00	
2247550	Q	ELIOT AVE	LIRR MONTAUK DIV	L	0	2	STATE	6/18/2003	5.894	GOOD	9200	\$13,248,000.00	5
2247570	Q	80TH ST	71ST TO 77TH AVE	L	0	5	STATE	8/9/2002	5.169	GOOD	11725	\$16,884,000.00	5
	6	PED BRG NEAR UNION		1	0.000	~	0.71	0/0/0000		0005			
2247630	Q	TPK	ABANDONED LIRR	· .	O-PED	8	CITY	8/6/2003	5.154	GOOD	900	\$1,296,000.00	
2247650 2248200	Q Q	60TH RD PED BRDG RUST ST		L	O-PED O	3 1	CITY	01/14/03	5.207	GOOD GOOD	2293 2900	\$3,301,920.00	
2248200	Q	FLUSHING AV SERVICE	FLUSHING AVE		0	1	STATE STATE	5/12/2003 5/12/2003	5.547 5.125	GOOD	3000	\$4,176,000.00 \$4,320,000.00	
	-	SERVICE RD				•						÷.,520,000.00	
2248240	Q	TURNAROUND	OVER FLUSHING AVE	1	0	1	STATE	5/12/2003	5.250	GOOD	2900	\$4,176,000.00	5
2248300	Q	71ST AVE	COOPER AVE		0	1	STATE	5/9/2003	4.458	FAIR	2800	\$4,032,000.00	
1247200	Q	67 AVE PED BR 2247200	LIRR MAIN LINE	L	O-PED	3	CITY	11/19/01	4.479	FAIR	1300	\$1,872,000.00	
2066002	Q	4951 (2066000)	WOODHAVEN BLVD		Α	2	STATE	6/5/2003	6.197	VGOOD	25200	\$36,288,000.00	
2248159	Q	WOODHAVEN BLVD	QUEENS BLVD		0	2	STATE	6/18/2002	4.308	FAIR	11500	\$16,560,000.00	
1065210	Q	WHITESTONE EXP NB	BCIP (2065210)		A	1	STATE	8/14/2002	4.683	FAIR	2500	\$3,600,000.00	
2055801	Q	NORTHERN BLVD W.B.	FLUSHING RIVER		WO	40	STATE	9/18/2002	4.817	FAIR	71900	\$103,536,000.00	
2055802	Q	NORTHERN BLVD E.B.	FLUSHING RIVER		wo	40	STATE	9/18/2002	4.507	FAIR	78894	\$113,607,360.00	
2231900	Q		FORT TOTTEN ENTRANCE		A	1	STATE	8/2/2002	4.672	FAIR	4900	\$7,056,000.00	
2231910	Q		BCIP BCIP		A	2	STATE	3/14/2002	5.136	GOOD	7200	\$10,368,000.00	
2231920 2231930	Q	160TH ST FRANCIS LEWIS BLVD	BCIP	+	A	2 3	STATE STATE	4/24/2003 2/28/2002	5.972 4.773	GOOD FAIR	5500 9100	\$7,920,000.00 \$13,104,000.00	
2231930	Q	CLINTONVILLE ST	BCIP		A	2	STATE	2/28/2002	4.773	FAIR	7400	\$13,104,000.00	
2231940	Q	150TH ST	BCIP		A	2	STATE	2/22/2002	5.136	GOOD	5900	\$8,496,000.00	
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BIN	BORO	FEATURE CARRIED	INVENTORY SOF	RAIL ROAD	BRIDGE TYPE	SPANS	RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	
231960	Q	149TH ST	BCIP		Α	2	STATE	2/22/2002	4.977	FAIR	6100	\$8,784,000.00	0
231970	Q	14TH AVE	BCIP		Α	2	STATE	2/22/2002	4.977	FAIR	8100	\$11,664,000.00	
31980	Q	147TH ST	BCIP	· .	A	2	STATE	2/12/2002	4.750	FAIR	6300	\$9,072,000.00	
47040 47050	Q	UNION ST BOWNE AVE	LIRR N SIDE DIV	L	0	1	STATE STATE	6/11/2003 8/1/2002	6.391 5.863	VGOOD GOOD	3313 4974	\$4,770,720.00	
47050	Q	PARSONS BLVD	LIRR N SIDE DIV	L	0	1	STATE	8/2/2002	5.451	GOOD	4974	\$7,162,560.00	
47070	Q	147TH ST	LIRR N SIDE DIV	L	ŏ	1	STATE	6/11/2003	5.627	GOOD	2800	\$4,032,000.00	
47080	Q	149TH ST	LIRR N SIDE DIV	L	0	1	STATE	6/11/2003	4.776	FAIR	4100	\$5,904,000.00	
47090	Q	149TH PLACE	LIRR N SIDE DIV	L	0	2	STATE	6/11/2003	5.386	GOOD	4300	\$6,192,000.00	-
47100	Q	150TH ST	LIRR N SIDE DIV	L	0	2	STATE	6/11/2003	6.588	VGOOD	7830	\$11,275,200.00	0
47110	Q	MURRAY ST	LIRR N SIDE DIV	L	0	1	STATE	6/11/2003	5.556	GOOD	4000	\$5,760,000.00	
66160	Q	678I SB TO BCIP EB	ACCESS RD FROM 678I		Α	1	STATE	5/20/2002	4.438	FAIR	2300	\$3,312,000.00	
05510	Q	167TH ST PED BRDG	LIRR PORT WASH BRANCH	L	O-PED	3	CITY	11/14/01	4.208	FAIR	600	\$864,000.00	
5580A	Q	N.BLVD WB TO 678I SB	VACANT LAND		AR	16	STATE	10/3/2002	5.571	GOOD	8600	\$12,384,000.00	_
67199 30209	Q	FRANCIS LEWIS BLVD QUEENS BLVD	PARK ROAD JACKIE ROBINSON PKWY	т	O A	1 5	STATE STATE	6/3/2003 6/18/2002	5.167 4.698	GOOD	7085 90000	\$10,202,400.00 \$129,600,000.00	
47220	Q	80TH ROAD	LIRR MAIN LINE	Ľ.	õ	3	STATE	6/24/2003	5.000	GOOD	4100	\$5,904,000.00	_
47230	Q	82ND AVE		Ē	0	3	STATE	6/24/2003	5.443	GOOD	4100	\$5,904,000.00	
47240	Q	LEFFERTS BLVD	LIRR MAIN LINE	L	0	3	STATE	6/25/2003	5.917	GOOD	5460	\$7,862,400.00	_
47590	Q	FOREST PARK DRIVE	LIRR MONTAUK DIV	L	0	5	STATE	6/23/2003	5.404	GOOD	6000	\$8,640,000.00	
47600	Q	PARK LANE SOUTH	LIRR MONTAUK DIV	AL	0	1	STATE	7/31/2002	7.000	VGOOD	3024	\$8,496,000.00	
47660	Q	FOREST PARK DRIVE	ABANDONED LIRR	L	0	6	STATE	6/2/2003	5.254	GOOD	10000	\$14,400,000.00	0
48019	Q	WOODHAVEN BLVD	ATLANTIC AVE		0	3	STATE	7/15/2002	4.472	FAIR	19400	\$27,936,000.00	0
48299	Q	INTER PKWY-UNION TPK	AUSTIN ST		0	1	STATE	3/22/2002	4.750	FAIR	5900	\$8,496,000.00	0
48340	Q	FOREST PARK DR	MYRTLE AVE		0	3	STATE	5/8/2003	5.081	GOOD	5100	\$7,344,000.00	
31559	Q	CROSS BAY BLVD	BSHP		A	4	STATE	5/7/2002	5.278	GOOD	23205	\$33,415,200.00	
31560	Q	S CONDUIT BLVD	BSOP		A	2	STATE	5/15/2002	5.690	GOOD	15776	\$22,717,440.00	
31570	Q	COHANCY ST	BSOP	-	A	2	STATE	5/15/2002	4.727		6400	\$9,216,000.00	
31580 31590	Q	AQUEDUCT RCTK RAMP 130TH ST	BSOP BSOP		A	4	STATE STATE	7/25/2002	4.264	FAIR	14000	\$20,160,000.00	
40650	Q	163RD ST PED BRDG	HAWTREE BASIN		A WO-PED	13	CITY	3/6/2002 5/20/2003	4.750	FAIR	6800 5000	\$9,792,000.00	
48020	Q	WHITELAW PED BRDG	CONDUIT AVE		0-PED	7	CITY	4/24/2003	4.775	FAIR	5500	\$7,920,000.00	
48020	Q	CROSS BAY BLVD	CONDUIT BLVD		0-PED	2	STATE	6/6/2003	3.535	FAIR	17000	\$24,480,000.00	
48040	Q	LINDEN BLVD	CONDUIT AVE		0	1	STATE	5/23/2002	5.233	GOOD	3352	\$4,826,880.00	
48250	Q	102ND ST	HAWTREE BASIN		wo	3	STATE	7/15/2003	6.574	VGOOD	3200	\$4,608,000.00	
31860	Q	W ALLEY ROAD	BCIP		Α	2	STATE	9/26/2003	5.568	GOOD	7200	\$10,368,000.00	
31870	Q	NORTHERN BLVD	BCIP		Α	2	STATE	9/3/2002	6.569	VGOOD	8951	\$12,816,000.00	0
31880	Q	CROCHERON PK PED	BCIP		A-PED	9	CITY	11/10/2003	4.875	FAIR	2300	\$3,312,000.00	0
31890	Q	28TH AVE PED BRDG	BCIP		A-PED	24	CITY	8/19/2003	5.016	GOOD	7600	\$10,944,000.00	0
40440	Q	NORTHERN BLVD	ALLEY CREEK		wo	2	STATE	6/10/2002	5.000	GOOD	8300	\$11,952,000.00	
47130	Q	CORPORAL KENNEDY ST	LIRR N SIDE DIV	L	0	1	STATE	6/13/2003	6.529	VGOOD	4340	\$6,249,600.00	
47140	Q	BELL BLVD	LIRR N SIDE DIV	L	0	1	STATE	6/13/2003	5.881	GOOD	4320	\$6,220,800.00	
47170	Q	DOUGLASTON PKWY	LIRR N SIDE DIV	L	0	3	STATE	7/1/2002	5.288	GOOD	6300	\$9,072,000.00	
47680 66129	Q	221ST ST	LIRR N SIDE DIV	L	0	3	STATE	6/12/2003	6.000 4.592	GOOD	6050 4400	\$8,712,000.00	
66139	Q	WINCHESTER BLVD S.B. WINCHESTER BLVD N.B.	BCIP BCIP		A	1	STATE STATE	5/24/2002 5/24/2002	4.592	FAIR	6400	\$6,336,000.00 \$9,216,000.00	
03720	Q	216TH ST PED BRDG	LIRR PORT WASH BRANCH	L	O-PED	5	CITY	12/07/00	4.102	FAIR	400	\$576,000.00	
48160	Q	ELLIOT AVE	QUEENS BLVD	-	0	2	STATE	8/23/2002	4.922	FAIR	13785	\$19,850,400.00	
31610	Q	GUY R. BREWER BLVD	BSOP		A	2	STATE	5/13/2003	6.833	VGOOD	7300	\$10,512,000.00	
31620	Q	FARMERS BLVD	BSOP		Α	2	STATE	5/13/2003	4.568	FAIR	6400	\$9,216,000.00	
31630	Q	SPRINGFIELD BLVD	BSOP		Α	2	STATE	6/3/2002	4.682	FAIR	8500	\$12,240,000.00	
31640	Q	225TH ST	BSOP		Α	2	STATE	6/28/2002	4.727	FAIR	7000	\$10,080,000.00	0
31650	Q	SUNRISE HWY W.B.	BLP E.B.		A	1	STATE	4/23/2002	4.623	FAIR	4100	\$5,904,000.00	0
31660	Q	SUNRISE HWY W.B.	BLP W.B.		Α	2	STATE	6/26/2002	4.531	FAIR	5350	\$7,704,000.00	
31670	Q	N CONDUIT AVE W.B.	BLP E.B.		A	1	STATE	1/28/2002	4.917	FAIR	4000	\$5,760,000.00	
31680	Q	N CONDUIT AVE WB	BLP W.B.		Α	2	STATE	2/11/2002	4.932	FAIR	6500	\$9,360,000.00	
31690	Q	FRANCIS LEWIS BLVD	BLP E.B.		A	1	STATE	5/23/2002	5.333	GOOD	6000	\$8,640,000.00	
31700	Q	FRANCIS LEWIS BLVD	BLP W.B.		A	1	STATE	4/16/2002	4.933	FAIR	6000	\$8,640,000.00	
31710	Q	MERRICK BLVD	BLP E.B.		A	1	STATE	5/7/2002	4.533	FAIR	6000	\$8,640,000.00	
31720 31730	Q	MERRICK BLVD	BLP W.B. BLP F B		A	1	STATE	5/20/2002	4.200	FAIR	6000	\$8,640,000.00	
31730 31740	Q	130TH AVE 130TH AVE	BLP E.B. BLP W.B.		A	1	STATE STATE	1/17/2002 1/18/2002	5.267 4.667	GOOD FAIR	4400 4400	\$6,336,000.00	
31740	Q	LINDEN BLVD	BCIP	-	A	2	STATE	3/21/2002	4.667	FAIR	6700	\$9,648,000.00	
31760	Q	BCIP	DUTCH BROADWAY-115 AVE		A	1	STATE	3/11/2002	4.349	FAIR	7300	\$10,512,000.00	
31770	Q	BELMONT PARK RAMP	BCIP		Ā	1	STATE	5/10/2002	4.781	FAIR	3200	\$4,608,000.00	
31780	Q	HEMPSTEAD AVE	BCIP		A	2	STATE	6/12/2002	4.226	FAIR	14200	\$20,448,000.00	
31800	Q	SUPERIOR ROAD	BCIP		A	2	STATE	5/7/2002	4.227	FAIR	7000	\$10,080,000.00	
31819	Q	JAMAICA AVE	BCIP		Α	2	STATE	3/26/2002	4.727	FAIR	11500	\$16,560,000.00	0
31829	Q	BRADDOCK AVE	BCIP		Α	2	STATE	3/26/2002	4.909	FAIR	10600	\$15,264,000.00	
31840	Q	HILLSIDE AVE	BCIP		Α	2	STATE	6/28/2002	4.184	FAIR	9672	\$13,927,680.00	
31850	Q	UNION TPKE	BCIP		A	2	STATE	7/30/2003	4.318	FAIR	13600	\$19,584,000.00	
48129	Q		CREEDMOORE HOSP RD		0	1	STATE	5/9/2003	4.867	FAIR	3500	\$5,040,000.00	
66149	Q	HEMPSTEAD AVE	CROSS ISLAND PKWY		A	2	STATE	7/11/2002	4.077	FAIR	9500	\$13,680,000.00	
66770 68770	Q	CROSS ISLAND PKWY SPRINGFIELD BLVD	LAURELTON PKWY EQUES. PATH (ABAND.)		A O	1	STATE STATE	7/3/2002 6/3/2003	5.250 4.778	GOOD	9508 1470	\$13,691,520.00 \$2,116,800.00	
00130	Q	HOOK CREEK	HOOK CREEK BRIDGE	-	wo	3	STATE	6/26/2003	6.339	VGOOD	18302	\$2,116,800.00	
0002	Q	BCIP	PATH OPPOSITE 88TH RD	-	A	1	CITY	6/25/2003	4.467	FAIR	1200	\$26,354,880.00	
40507	Q	ROOSEVELT AVE	678I - VAN WYCK EXPWY		WA	27	STATE	11/13/2002	3.380	FAIR	84424	\$121,570,560.00	
48260	Q	FLUSHING MEADW PARK	MEADOW LAKE & 69TH RD		wo	5	STATE	4/25/2002	4.891	FAIR	4200	\$6,048,000.00	
30120	Q	MYRTLE AVE	JACKIE ROBINSON PKWY		Α	1	STATE	4/24/2002	5.611	GOOD	6400	\$9,216,000.00	
30179	Q		METROPOLITAN AVE		Α	2	STATE	2/19/2002	5.321	GOOD	8673	\$12,489,120.00	
30180	Q	UNION TPKE	JACKIE ROBINSON PKWY		Α	1	STATE	4/9/2002	5.984	GOOD	5359	\$7,716,960.00	
30190	Q	MARKWOOD ROAD	JACKIE ROBINSON PKWY		Α	1	STATE	4/19/2002	5.389	GOOD	4400	\$6,336,000.00	
48369	Q	ROCKAWAY BLVD	THURSTON BASIN		wo	2	STATE	6/25/2003	5.158	GOOD	6000	\$8,640,000.00	
48230	Q	BEACH CHANNEL DR WB	BEACH CHANNEL DR EB		0	1	STATE	5/19/2003	4.400	FAIR	3600	\$5,184,000.00	
67160	Q	ROOSEVELT AVE	FLUSHING MDW PK ROAD		0	4	STATE	5/23/2003	4.746	FAIR	7280	\$10,483,200.00	
65930	Q	HAMILTON PLACE	495I (L.I.E.)		A	2	STATE	7/30/2002	6.403	VGOOD	11111	\$16,254,720.00	
65940	Q	GRAND AVE	495I (L.I.E.)		A	2	STATE	9/10/2002	5.264	GOOD	12376	\$17,821,440.00	
65950	Q	69TH STREET	495I (L.I.E.)	1	A	2	STATE	5/30/2003	5.389	GOOD	10336	\$14,883,840.00	U

			INVENTORY SO	RTED BY	' BOROUGH		MUNITY BO	DARD DISTRICT					
BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
	_				0	4			0.400	VGOOD			
2249040 2249070	R	TOMPKINS AVE JOHN ST	B&O RR (ABANDONED) B&O RAILROAD	0	O-PED	1	STATE CITY	4/9/2002 3/12/2003	6.438 6.806	VGOOD	5096 5800	\$7,338,240.00	
2249070	R			0	0-PED 0	3 4	STATE					\$8,352,000.00	_
2249090	R	MORNINGSTAR ROAD GRANITE AVE	B&O RAILROAD B&O RAILROAD	0	0	4	STATE	4/14/2003 4/10/2002	5.339 6.237	GOOD VGOOD	7900 7300	\$11,376,000.00	
2249100	R			0	0	4		4/10/2002	5.926	GOOD		\$10,512,000.00	
2249110	R		B&O RAILROAD	0	0	3	STATE			VGOOD	5900	\$8,496,000.00	
		SIMONSON AVE	B&O RAILROAD	0	-		STATE	5/1/2003	6.111		5819	\$8,379,360.00	-
2249130 2249140	R	VAN NAME AVE VAN PELT AVE	B&O RAILROAD	0	0	3	STATE	4/10/2003	5.492 5.780	GOOD GOOD	5474 5000	\$7,882,560.00	_
2249140	R	DE HART AVE	B&O RAILROAD B&O RAILROAD	0	0	3 4	STATE STATE	4/16/2003 5/5/2003	6.500	VGOOD	6700	\$7,200,000.00 \$9,648,000.00	
2249100	R		B&O RAILROAD	0	0	4	STATE	5/8/2003	5.352	GOOD	6500	\$9,360,000.00	-
2249170	R	HARBOR ROAD	B&O RAILROAD	0	0	4	STATE	5/6/2003	6.356	VGOOD	6615	\$9,525,600.00	
2249180	R	SOUTH AVE	B&O RAILROAD	0	0	3	STATE	9/29/2003	6.927	VGOOD	8322	\$14,544,000.00	-
2249200	R	TOMPKINS AVE	WILLOW AVE, SIRT	S	0	2	STATE	6/20/2002	5.525	GOOD	5378		
2249510	R	HANNAH ST	SIRT SOUTH SHORE	S	0	10	STATE	10/21/2002	5.525	GOOD	10020	\$7,744,320.00 \$14,428,800.00	
2249520	ĸ	MINTHORNE ST PED	SIRT SOUTH SHORE	3	0	10	STATE	10/21/2003	5.115	GOOD	10020	\$14,420,000.00	
2249530	R	BRDG	SIRT SOUTH SHORE	s	O-PED	23	CITY	9/17/2003	6.170	VGOOD	1600	\$2,304,000.00) 1
2249760	R	MARTLINGS AVE	RICHMOND LAKE DAM		WO	23	STATE	6/9/2003	4.933	FAIR	7000	\$10,080,000.00	-
2249700	R	FOREST AVE	CLOVE LAKES PK STREAM		WO	1	STATE	9/9/2003	4.933	FAIR	1600	\$2,304,000.00	
2249840	R	TOMPKINS AVE	GREENFIELD AVE		0	1	STATE	4/15/2002	5.277	GOOD	2562	\$3,689,280.00	
2249340	R	RICHMOND AVE	RICHMOND CREEK		wo	3	STATE	7/30/2003	6.153	VGOOD	32589	\$46,928,160.00	
2240330	R	BEACH AVE	SIRT SOUTH SHORE	S	0	2	STATE	10/23/2003	5.697	GOOD	32303	\$5,328,000.00	_
2249400	R	ROSS AVE	SIRT SOUTH SHORE	S	0	2	STATE	10/24/2003	5.500	GOOD	3800	\$5,472,000.00	_
2249420	R	ROSE AVE	SIRT SOUTH SHORE	S	0	2	STATE	10/25/2003	5.712	GOOD	3800	\$5,472,000.00	_
2249430	R	NEW DORP LANE	SIRT SOUTH SHORE	S	0	2	STATE	10/18/2003	4.903	FAIR	7600	\$10,944,000.00	-
2249440	R	BANCROFT AVE	SIRT SOUTH SHORE	S	0	3	STATE	10/19/2003	5.269	GOOD	5900	\$8,496,000.00	-
2249450	R	FREMONT AVE PED BRDG		S	O-PED	3	CITY	6/12/2003	4.459	FAIR	800	\$1,152,000.00	_
2249460	R	LINCOLN AVE	SIRT SOUTH SHORE	S	0	1	STATE	10/25/2003	5.552	GOOD	4500	\$6,480,000.00	-
2249470	R	MIDLAND AVE	SIRT SOUTH SHORE	S	0	1	STATE	10/26/2003	5.603	GOOD	3000	\$4,320,000.00	
2249480	R	FINGERBOARD ROAD	SIRT SOUTH SHORE	S	0	2	STATE	10/26/2003	6.764	VGOOD	5100	\$7,344,000.00	_
2249490	R	CLOVE ROAD	SIRT SOUTH SHORE	S	õ	3	STATE	6/19/2002	6.264	VGOOD	5270	\$11,808,000.00	-
2249450	R	SLATER BLVD	NEW CREEK	3	wo	1	STATE	4/14/2003	5.959	GOOD	3500	\$5,040,000.00	
2249870	R	TRAVIS AVE	MAIN CREEK		wo	1	STATE	8/5/2003	6.100	VGOOD	1700	\$2,448,000.00	
2249880	R	CHELSEA ROAD	SAWMILL CREEK		wo	1	STATE	5/12/2003	6.981	VGOOD	2205	\$3,163,680.00	
2249210	R	MAIN ST PED BRDG	SIRT SOUTH SHORE	S	0-PED	9	CITY	5/14/2003	4.710	FAIR	400	\$576,000.00	-
2249230	R	TRACY AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	9	CITY	5/1/2003	3.158	FAIR	200	\$288,000.00	
2249240	R	ARTHUR KILL ROAD	SIRT SOUTH SHORE	S	0	1	STATE	6/17/2002	4.833	FAIR	3700	\$5,328,000.00	
2249250	R	BETHEL AV PED BRDG	SIRT SOUTH SHORE	S	O-PED	12	CITY	6/11/2002	3.980	FAIR	500	\$720,000.00	-
2249269	R	PAGE AVE	SIRT SOUTH SHORE	S	0	4	STATE	10/16/2003	6.306	VGOOD	30420	\$43,804,800.00	-
2249270	R	RICHMMD VALLY ROAD	SIRT SOUTH SHORE	S	0	4	STATE	10/14/2003	5.299	GOOD	9300	\$13,392,000.00	
2249280	R	COZZINS BLVD PED BRDG		S	O-PED	7	CITY	6/17/2003	4.902	FAIR	200	\$288.000.00	-
2249290	R	SEGUINE AVE	SIRT SOUTH SHORE	S	0	1	STATE	10/15/2003	6.016	VGOOD	2200	\$3,168,000.00	-
2249290	R	HUGUENOT AVE	SIRT SOUTH SHORE	S	0	2	STATE	10/14/2003	4.955	FAIR	4900	\$7,056,000.00	
2249320	R	ALBEE AVE	SIRT SOUTH SHORE	S	0	3	STATE	10/17/2003	4.333	FAIR	6500	\$9,360,000.00	-
2249330	R	ANNADALE ROAD	SIRT SOUTH SHORE	S	ŏ	2	STATE	10/19/2003	4.455	FAIR	4500	\$6,480,000.00	-
2249350	R	NELSON AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	1	CITY	6/2/2003	4.725	FAIR	300	\$432,000.00	-
2249360	R	GIFFORDS LANE	SIRT SOUTH SHORE	S	0	1	STATE	6/18/2002	5.844	GOOD	3042	\$4,380,480.00	_
2249300	R	GREAVES AVE	SIRT SOUTH SHORE	S	0	3	STATE	10/18/2002	6.750	VGOOD	6100	\$8,784,000.00	-
2249380	R	GUYON AVE	SIRT SOUTH SHORE	S	0	3	STATE	10/19/2003	4.869	FAIR	6900	\$9,936,000.00	-
	<u> </u>	CEDARVIEW AVE PED		- <u> </u>			SIAIL	10/13/2003	4.000		0,000	ψ0,000,000.00	-
2249390	R	BRDG	SIRT SOUTH SHORE	s	O-PED	5	CITY	6/10/2003	4.684	FAIR	600	\$864,000.00) 3
2249580	R	BELFIELD AVE PED BRDG	SIRT SOUTH SHORE	S	0-PED	5	CITY	5/15/2003	4.004	FAIR	400	\$576,000.00	
2249300	R	HYLAN BLVD	LEMON CREEK	- -	WO	1	STATE	4/12/2002	6.625	VGOOD	11400	\$16,416,000.00	-
2249810	R	ARTHUR KILL ROAD	ARTHUR KILL STREAM	-	wo	1	STATE	5/9/2003	4.122	FAIR	2000	\$2,880,000.00	
2249820	R	AMBOY ROAD	LEMON CREEK	-	WO	1	STATE	4/17/2002	7.000	VGOOD	1310	\$2,079,360.00	
753 BRID				-		4496	SPANS		1.000		14229757	\$2,079,380.00	-

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL	BRIDGE TYPE	SPANS	JRE CARRIEI RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST
248250	Q	102ND ST	HAWTREE BASIN		wo	3	STATE	7/15/2003	6.574	VGOOD	3200	\$4,608,000.00
45209	M	11TH AVE	AMTRAK 30 ST BRANCH	Α	0	2	STATE	6/17/2002	4.471	FAIR	15400	\$22,176,000.00
43630	ĸ	11TH AVE	LIRR & SEA BEACH	LT	0	5	STATE	8/23/2002	6.809	VGOOD	9700	\$13,968,000.00
5010	M	11TH AVE VIADUCT	LIRR WEST SIDE YARD	AL	0	39	STATE	11/27/2002	3.875	FAIR	157500	\$226,800,000.00
6990 1730	M Q	129 - 130 ST PED BRDG 130TH AVE	RAMP OFF 3RD AVE BLP E.B.	_	O-PED A	5 1	CITY STATE	05/29/02 1/17/2002	4.238 5.267	FAIR GOOD	500 4400	\$720,000.00 \$6,336,000.00
1740	Q	130TH AVE	BLP W.B.	_	A	1	STATE	1/18/2002	4.667	FAIR	4400	\$6,336,000.00
1590	Q	130TH ST	BSOP		A	2	STATE	3/6/2002	4.750	FAIR	6800	\$9,792,000.00
3640	ĸ	13TH AVE	LIRR & SEA BEACH	LT	0	5	STATE	11/6/2003	4.694	FAIR	16000	\$23,040,000.00
0089	BM	145TH ST BRIDGE	HARLEM RIVER		WMO	8	STATE	10/26/2003	3.097	FAIR	56700	\$81,648,000.00
1980	Q	147TH ST	BCIP		A	2	STATE	2/12/2002	4.750	FAIR	6300	\$9,072,000.00
7070	Q	147TH ST	LIRR N SIDE DIV	L	0	1	STATE	6/11/2003	5.627	GOOD	2800	\$4,032,000.00
7090	Q	149TH PLACE	LIRR N SIDE DIV	L	0	2	STATE	6/11/2003	5.386	GOOD	4300	\$6,192,000.00
31960	Q	149TH ST	BCIP	· .	A	2	STATE	2/22/2002	4.977	FAIR	6100	\$8,784,000.00
47080 31970	Q	149TH ST 14TH AVE	LIRR N SIDE DIV BCIP	L	O A	1 2	STATE STATE	6/11/2003 2/22/2002	4.776 4.977	FAIR	4100 8100	\$5,904,000.00
43650	K	14TH AVE	LIRR BAY RIDGE	N	ō	4	STATE	6/19/2002	4.321	FAIR	10000	\$11,664,000.00 \$14,400,000.00
31950	Q	150TH ST	BCIP		Ă	2	STATE	2/22/2002	5.136	GOOD	5900	\$8,496,000.00
7100	Q	150TH ST	LIRR N SIDE DIV	L	0	2	STATE	6/11/2003	6.588	VGOOD	7830	\$11,275,200.00
43670	к	15TH AVE	BMT SEA BEACH	Т	0	6	STATE	7/26/2002	4.136	FAIR	17300	\$24,912,000.00
3340	ĸ	15TH AVE	LIRR BAY RIDGE	N	0	1	STATE	6/20/2002	4.804	FAIR	3614	\$5,204,160.00
81920	Q	160TH ST	BCIP		Α	2	STATE	4/24/2003	5.972	GOOD	5500	\$7,920,000.00
0650	Q	163RD ST PED BRDG	HAWTREE BASIN		WO-PED	13	CITY	5/20/2003	4.407	FAIR	5000	\$7,200,000.00
05510	Q	167TH ST PED BRDG	LIRR PORT WASH BRANCH	L	O-PED	3	CITY	11/14/01	4.208	FAIR	600	\$864,000.00
3680	K	16TH AVE	BMT SEA BEACH	T	0	4	STATE	7/23/2002	5.630	GOOD	6816	\$9,815,040.00
13360 6672A	K	16TH AVE 174TH ST-NTH PED BRDG	LIRR BAY RIDGE 895I - SHERIDAN EXPWY	N	O A-PED	1	STATE CITY	6/21/2002 3/27/2003	6.683 5.015	VGOOD GOOD	4345 1800	\$7,632,000.00
672A	B	174TH ST-NTH PED BRDG	8951 - SHERIDAN EXPWY		A-PED A-PED	4	CITY	3/27/2003	4.667	FAIR	1800	\$2,592,000.00 \$2,736,000.00
13690	ĸ	17TH AVE	BMT SEA BEACH	т	0	4	STATE	8/22/2002	3.711	FAIR	8500	\$12,240,000.00
43370	ĸ	17TH AVE	LIRR BAY RIDGE	N	õ	1	STATE	6/24/2002	5.000	GOOD	3406	\$4,904,640.00
31300	ĸ	17TH AVE PED BRDG	BSHP	-	A-PED	1	CITY	1/27/2003	3.846	FAIR	2100	\$3,024,000.00
3700	ĸ	18TH AVE	BMT SEA BEACH	Т	0	4	STATE	10/20/2003	3.909	FAIR	8700	\$12,528,000.00
43380	к	18TH AVE	LIRR BAY RIDGE	N	0	1	STATE	6/25/2002	5.328	GOOD	6006	\$8,648,640.00
43710	ĸ	19TH AVE	BMT SEA BEACH	Т	0	4	STATE	8/20/2002	4.500	FAIR	4800	\$6,912,000.00
41259	B	204TH ST PED BRDG	METRO NORTH RR HAR	M	O-PED	1	CITY	08/26/02	3.950	FAIR	4700	\$6,768,000.00
43720	K	20TH AVE	BMT SEA BEACH	T	O O-PED	6	STATE	8/16/2002	4.795	FAIR	12500	\$18,000,000.00
03720 43820	Q K	216TH ST PED BRDG 21ST AVE	LIRR PORT WASH BRANCH BMT SEA BEACH	T	0-PED	5 4	CITY STATE	12/07/00 8/13/2002	4.102 4.132	FAIR	400 21400	\$576,000.00 \$30,816,000.00
+3620 47270	Q	21ST STREET	CONRAIL	c	0	6	STATE	7/7/2002	5.528	GOOD	17590	\$25,329,600.00
7680	Q	221ST ST	LIRR N SIDE DIV	L	0	3	STATE	6/12/2003	6.000	GOOD	6050	\$8,712,000.00
31640	Q	225TH ST	BSOP	-	A	2	STATE	6/28/2002	4.727	FAIR	7000	\$10,080,000.00
29450	B	232ND ST	HHP		Α	2	STATE	9/18/2003	4.237	FAIR	4900	\$7,056,000.00
29460	В	236TH ST PED BRDG	HHP		A-PED	3	CITY	9/24/2003	5.106	GOOD	2500	\$3,600,000.00
29470	В	239TH ST	HHP		A	2	STATE	6/2/2003	4.711	FAIR	6100	\$8,784,000.00
29490	В	246TH ST	HHP		A	2	STATE	4/29/2003	4.974	FAIR	5600	\$8,064,000.00
29500	B	252ND ST	HHP		A	2	STATE	2/6/2002	4.026	FAIR	4500	\$6,480,000.00
32070 4004J	M	25TH ST PED BRDG 25X	FDR DRIVE NYC GARAGE	_	A-PED OE	4 14	CITY	3/16/2003 11/21/2002	4.594 4.780	FAIR	1700 22058	\$2,448,000.00 \$31,763,520.00
30679	Q	278I (B.Q.E.)	34TH AVE	-	A	3	STATE	5/12/2003	6.898	VGOOD	9500	\$13,680,000.00
30669	Q	278I (B.Q.E.)	35TH AVE		A	1	STATE	8/29/2003	6.627	VGOOD	6500	\$9,360,000.00
30440	ĸ	278I (B.Q.E.)	ADAMS ST N.B.		A	1	STATE	3/21/2002	5.200	GOOD	2700	\$3,888,000.00
30450	ĸ	278I (B.Q.E.)	ADAMS ST S.B.		Α	1	STATE	3/21/2002	4.933	FAIR	2500	\$3,600,000.00
30400	ĸ	278I (B.Q.E.)	ATLANTIC AVE		Α	1	STATE	4/12/2002	5.976	GOOD	14230	\$20,491,200.00
30470	ĸ	278I (B.Q.E.)	JAY ST		A	1	STATE	3/29/2002	5.233	GOOD	5100	\$7,344,000.00
30857	K	278I (B.Q.E.)	JORALEMON ST		Α	1	STATE	5/6/2002	5.030	GOOD	2100	\$3,024,000.00
30858	K	278I (B.Q.E.)	JORALEMON ST / BQE WB		A	2	STATE	5/6/2002	3.887	FAIR	5900	\$8,496,000.00
30510 30680	K Q	278I (B.Q.E.)	NASSAU ST NORTHERN BLVD	_	A	6	STATE	4/3/2002 5/24/2002	4.611	FAIR	51200 5900	\$73,728,000.00
30660	K	278I (B.Q.E.) 278I (B.Q.E.)	PEARL ST		A	1	STATE STATE	3/22/2002	4.571 5.333	GOOD	4500	\$8,496,000.00
30430	K	2781 (B.Q.E.)	PROSPECT ST	_	A	1	STATE	3/21/2002	5.267	GOOD	1100	\$1,584,000.00
30480	ĸ	278I (B.Q.E.)	PROSPECT ST		A	1	STATE	3/29/2002	5.241	GOOD	8400	\$12,096,000.00
30500	ĸ	278I (B.Q.E.)	RAMP TO BQE EB		Ā	1	STATE	3/28/2002	5.567	GOOD	1300	\$1,872,000.00
30490	к	278I (B.Q.E.)	SANDS ST		Α	1	STATE	3/29/2002	5.093	GOOD	12600	\$18,144,000.00
30410	к	278I (B.Q.E.)	WASHINGTON ST		Α	1	STATE	4/17/2002	4.656	FAIR	2500	\$3,600,000.00
30420	K	278I (B.Q.E.)	WASHINGTON ST		Α	1	STATE	4/18/2002	4.953	FAIR	2500	\$3,600,000.00
68498	K	278I E.B. (B.Q.E.)	278I W.B. (B.Q.E.)	_	A	69	STATE	7/16/2003	4.041	FAIR	120734	\$173,856,960.00
68508	K	278I E.B. (B.Q.E.)	278I W.B. (B.Q.E.)		A	11	STATE	5/19/2003	4.034	FAIR	17956	\$25,856,640.00
68518 30888	K	278I E.B. (B.Q.E.)	278I W.B. (B.Q.E.) CADMAN PLAZA / 278I WB		A	5 2	STATE STATE	11/11/2003	4.310		8375 4500	\$12,060,000.00
30888	Q	278I E.B. (B.Q.E.) 278I S.B. (B.Q.E.)	32ND AVE	-	A	2 1	STATE	5/10/2002 8/28/2003	4.684 6.797	FAIR VGOOD	4500	\$6,480,000.00
30887	K	278I W.B. (B.Q.E.)	CADMAN PLAZA		A	2	STATE	5/9/2002	4.250	FAIR	4500	\$6,480,000.00
68497	ĸ	278I W.B. (B.Q.E.)	FURMAN ST		Ā	45	STATE	6/19/2003	4.292	FAIR	78022	\$112,351,680.00
8517	ĸ	278I W.B. (B.Q.E.)	FURMAN ST		A	7	STATE	7/22/2003	4.206	FAIR	10988	\$15,822,720.00
8507	к	278I W.B. (B.Q.E.)	YORK ST		Α	6	STATE	6/13/2003	4.262	FAIR	9380	\$13,507,200.00
81330	K	27TH AVE PED BRDG	BSHP		A-PED	1	CITY	7/1/2003	4.000	FAIR	2100	\$3,024,000.00
1890	Q	28TH AVE PED BRDG	BCIP	·	A-PED	24	CITY	8/19/2003	5.016	GOOD	7600	\$10,944,000.00
3310	K	2ND AVE		N	0	6	STATE	11/14/2003	3.925	FAIR	17000	\$24,480,000.00
0730	Q	31ST AVE	278I (B.Q.E.)		A	1	STATE	8/27/2003	6.800	VGOOD	3700	\$5,328,000.00
80657	Q	31ST ST	278I (B.Q.E.)		A	2	STATE	8/9/2002	5.222	GOOD	9500	\$13,680,000.00
30640 30630	Q	32ND ST 35TH ST	278I (B.Q.E.) 278I (B.Q.E.)		A	2 4	STATE STATE	4/15/2003 8/20/2002	4.986 4.819	FAIR	8100 9000	\$11,664,000.00 \$12,960,000.00
7370	Q	37TH AVE	CONRAIL HELLGATE	С	0	4	STATE	8/6/2002	4.818	FAIR	5300	\$7,632,000.00
30620	Q	37TH ST	278I (B.Q.E.)		A	2	STATE	5/15/2002	4.667	FAIR	5300	\$7,632,000.00
47640	Q	39 ST (SOUTH)	AMTRAK & LIRR YARD	AL	ō	9	STATE	9/10/2003	6.125	VGOOD	34100	\$49,104,000.00
47330	Q	39TH ST (NORTH)	SUNNYSIDE YARDS	AL	0	14	STATE	9/9/2003	6.556	VGOOD	48200	\$69,408,000.00
3320	ĸ	3RD AVE	LIRR BAY RIDGE	N	0	4	STATE	8/25/2003	5.542	GOOD	17230	\$24,811,200.00
44160	K	3RD AVE	SHORE RD DRIVE		0	1	STATE	5/28/2003	6.818	VGOOD	4360	\$10,224,000.00
80570	Q	41ST AVE	278I (B.Q.E.)		Α	3	STATE	3/27/2002	5.014	GOOD	8800	\$12,672,000.00
7390	Q	41ST AVE	CONRAIL HELLGATE	C	0	2	STATE	8/6/2003	4.942	FAIR	4000	\$5,760,000.00

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE	SPANS	JRE CARRIE RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	
247410	Q	43RD AVE	CONRAIL	C	0	1	STATE	8/8/2003	5.033	GOOD	4800	\$6,912,000.0	
247420 230840	Q	44TH AVE	CONRAIL GCP	C	0	1	STATE	8/8/2003	5.033 4.833	GOOD	5100 5000	\$7,344,000.00	_
247430	Q	44TH ST 45TH AVE	CONRAIL	С	A O	1	STATE STATE	5/29/2002 8/8/2003	4.833 5.510	FAIR GOOD	2400	\$7,200,000.00	
230820	Q	47TH ST	GCP	Ū	A	2	STATE	6/6/2002	4.944	FAIR	5700	\$8,208,000.00	_
66002	Q	4951 (2066000)	WOODHAVEN BLVD		A	2	STATE	6/5/2003	6.197	VGOOD	25200	\$36,288,000.00	
47290	Q	49TH AVE	LIRR,AMT,CON NE	L	0	5	STATE	11/1/2002	4.389	FAIR	20200	\$29,088,000.00	_
230800	Q	49TH ST	BQE WEST LEG		Α	2	STATE	5/22/2002	5.194	GOOD	4900	\$7,056,000.00	0
230890	Q	49TH ST	GCP		Α	2	STATE	7/31/2002	4.778	FAIR	5500	\$7,920,000.00	_
231270	K	4TH AVE	BSHP		A	2	STATE	4/10/2002	4.842	FAIR	6100	\$8,784,000.00	
243330	K	4TH AVE	LIRR BAY RIDGE	NT	0	6	STATE	10/17/2003	5.819	GOOD	19400	\$27,936,000.00	
243839 243400	K	4TH AVE 50TH ST	NYCTA BMT TRACKS	T	0	1	STATE STATE	11/14/2003 8/14/2003	6.633 4.701	VGOOD	5160 7100	\$5,904,000.00	_
247280	Q	51 AVE PED BR.2247280	LIRR MAIN LINE		O-PED	5	CITY	11/20/01	3.355	FAIR	700	\$10,224,000.00	
43390	K	52ND ST	LIRR BAY RIDGE	N	01120	2	STATE	8/18/2003	4.211	FAIR	2800	\$4,032,000.00	_
47190	Q	55TH AVE PED BRDG		L	O-PED	3	CITY	12/07/00	4.429	FAIR	13000	\$18,720,000.00	
247450	Q	57TH AVE	CONRAIL	С	0	1	STATE	8/11/2003	6.195	VGOOD	2248	\$3,456,000.00	
66100	K	5TH AVE	27 X PROSPECT EXPWY		Α	1	STATE	4/2/2002	5.208	GOOD	8800	\$12,672,000.00	0
244480	ĸ	5TH AVE	GREENWOOD CEMETERY		0	1	STATE	6/2/2003	5.000	GOOD	3600	\$5,184,000.00	0
243580	ĸ	5TH AVE	LIRR & SEA BEACH	LT	0	4	STATE	8/30/2002	4.500	FAIR	12500	\$18,000,000.00	
47650	Q	60TH RD PED BRDG	LIRR MAIN LINE	L	O-PED	3	CITY	01/14/03	5.207	GOOD	2293	\$3,301,920.00	
243350	K	60TH ST	LIRR BAY RIDGE	N	0	1	STATE	8/20/2003	6.383	VGOOD	3900	\$5,616,000.00	
47540	Q	60TH ST	LIRR MONTAUK DIV	L	0	2	STATE	6/17/2003	5.264	GOOD	5340	\$7,689,600.0	_
30520	Q	65TH PLACE 65TH PLACE	278I (B.Q.E.)	L	A	2	STATE	3/5/2002 7/2/2003	4.456	FAIR VGOOD	11600 8381	\$16,704,000.00	_
47160	K	65TH PLACE	LIRR N SHR DIV BMT SEA BEACH	T	0	3 4	STATE STATE	8/5/2002	6.471 5.947	GOOD	8381	\$12,068,640.00 \$17,280,000.00	
43730	Q	65TH ST	LIRR N SIDE DIV	L	0	3	STATE	7/2/2003	6.542	VGOOD	6344	\$8,640,000.00	
47200	Q	67 AVE PED BR 2247200		L	O-PED	3	CITY	11/19/01	4.479	FAIR	1300	\$1,872,000.00	
66160	Q	678I SB TO BCIP EB	ACCESS RD FROM 678I	1	A	1	STATE	5/20/2002	4.438	FAIR	2300	\$3,312,000.00	_
30550	Q	69TH ST	278I (B.Q.E.)		Α	2	STATE	5/6/2002	4.842	FAIR	12600	\$18,144,000.0	_
47490	Q	69TH ST JUNPR BLVD	CONRAIL	С	0	1	STATE	9/25/2002	5.455	GOOD	6175	\$8,892,000.0	
65950	Q	69TH STREET	495I (L.I.E.)	<u> </u>	Α	2	STATE	5/30/2003	5.389	GOOD	10336	\$14,883,840.00	_
43590	K	6TH AVE	LIRR & SEA BEACH	LT	0	5	STATE	10/14/2003	6.528	VGOOD	14200	\$20,448,000.00	
43280	K	6TH AVE		L	0	9	STATE	6/1/2002	5.583	GOOD	12276	\$17,677,440.00	
30560	Q	70TH ST	278I (B.Q.E.)		A	2	STATE	5/6/2002	5.125	GOOD	8500	\$12,240,000.00	
48300 46150	Q	71ST AVE 72ND ST CROSS DR	COOPER AVE NEAR CONCERT GRNDS		0	3	STATE STATE	5/9/2003 3/6/2002	4.458 4.941	FAIR	2800 7300	\$4,032,000.00 \$10,512,000.00	
46140	M	72ND ST ENT TO W DR	BRIDLE PATH		0	1	STATE	2/26/2002	4.867	FAIR	3600	\$5,184,000.00	_
46460	M	77 ST ENTR TO W DR	PED PATH OPP 77TH ST		0 0	2	STATE	3/7/2002	4.789	FAIR	5800	\$8,352,000.00	
16450	M	79 ST ENTR TO E DR	PED PATH OPP 77TH ST		0	1	STATE	2/27/2002	5.190	GOOD	5000	\$7,200,000.00	_
67717	M	79 ST PED PLAZA	79 ST BT BASIN GAR		A	10	STATE	5/2/2003	4.593	FAIR	27400	\$39,456,000.00	
6771B	м	79 ST RAMP TO GAR	79 ST BT BASIN GAR		AR	21	STATE	5/23/2003	4.452	FAIR	7114	\$10,244,160.00	
6771A	М	79 ST RAMP TO HHP	79 ST BT BASIN GAR		AR	4	STATE	5/16/2003	4.242	FAIR	3131	\$4,508,640.00	0
67718	M	79 ST TRAFFIC CIRC	79 ST PED PLAZA		Α	34	STATE	5/13/2003	3.934	FAIR	24130	\$34,747,200.00	0
43600	ĸ	7TH AVE	LIRR & SEA BEACH	LT	0	7	STATE	8/28/2002	5.667	GOOD	18913	\$27,234,720.00	0
43920	K	7TH AVE	NYCTA BMT YARD	Т	0	2	STATE	11/4/2003	3.917	FAIR	5200	\$7,488,000.00	_
47220	Q	80TH ROAD		L	0	3	STATE	6/24/2003	5.000	GOOD	4100	\$5,904,000.00	
47570 31250	Q K	80TH ST 81ST ST PED BR	71ST TO 77TH AVE BSHP	L	O A-PED	5 5	STATE CITY	8/9/2002 10/9/2003	5.169 5.222	GOOD	11725 3100	\$16,884,000.00	
47230	Q	82ND AVE	LIRR MAIN LINE	L	A-PED	3	STATE	6/24/2003	5.443	GOOD	4100	\$4,464,000.00	_
43570	K	86TH ST	LIRR & SEA BEACH	LT	0	1	STATE	7/31/2002	6.250	VGOOD	3840	\$26,208,000.00	
43610	ĸ	8TH AVE	LIRR & SEA BEACH	LT	ŏ	4	STATE	11/13/2002	6.319	VGOOD	11400	\$16,416,000.00	
47010	Q	91 PLACE (2247010)	LIRR PT WASH BRANCH	L	0	3	STATE	6/23/2003	7.000	VGOOD	4200	\$6,048,000.00	
31260	ĸ	92ND ST PED BR	BSHP		A-PED	6	CITY	8/13/2003	4.161	FAIR	3000	\$4,320,000.00	
47020	Q	94TH ST PED BRDG	LIRR N SIDE DIV	L	O-PED	5	CITY	12/16/02	4.211	FAIR	500	\$720,000.00	0
43840	K	9TH AVE	NYCTA BMT YARD	Т	0	5	STATE	10/27/2003	6.514	VGOOD	12440	\$17,913,600.00	0
43940	ĸ	9TH AVE	NYCTA IND SBWY	Т	0	5	STATE	11/4/2003	4.737	FAIR	11900	\$17,136,000.00	
46490	M	A.C. POWELL BLVD N.B.	A.C. POWELL BLVD	-	0	1	STATE	4/10/2002	4.061	FAIR	5600	\$8,064,000.00	_
49320	R	ALBEE AVE	SIRT SOUTH SHORE	S	0	3	STATE	10/17/2003	4.787	FAIR	6500	\$9,360,000.00	_
58920	R				wo	1	STATE	4/17/2002	7.000	VGOOD	1310	\$2,079,360.00	
47530 49330	Q	ANDREWS AVE ANNADALE ROAD	LIRR MONTAUK DIV SIRT SOUTH SHORE	L S	0	4	STATE STATE	6/16/2003 10/19/2003	4.113 4.455	FAIR	3200 4500	\$4,608,000.00	
19330 31580	Q	AQUEDUCT RCTK RAMP	BSOP	3	A	4	STATE	7/25/2002	4.455	FAIR	14000	\$6,480,000.00	-
19820	R	ARTHUR KILL ROAD	ARTHUR KILL STREAM	1	wo	4	STATE	5/9/2003	4.204	FAIR	2000	\$20,180,000.00	
9240	R	ARTHUR KILL ROAD	SIRT SOUTH SHORE	s	0	1	STATE	6/17/2002	4.833	FAIR	3700	\$5,328,000.00	
30810	Q	ASTORIA BLVD E.B.	BQE WEST LEG	1	A	4	STATE	6/5/2002	4.309	FAIR	8200	\$11,808,000.00	
43569	ĸ	ATLANTIC AVE	LIRR ATLANTIC AVE	L	0	75	STATE	6/11/2002	3.873	FAIR	135100	\$194,544,000.00	
4170	К	ATLNTC AV SVC RD E.B.	EAST NEW YORK AVE		0	2	STATE	7/25/2003	4.737	FAIR	5500	\$7,920,000.0	
4180	K	ATLNTC AV SVC RD W.B.	EAST NEW YORK AVE		0	2	STATE	7/25/2003	4.491	FAIR	6200	\$8,928,000.0	
3530	K	AVENUE H	LIRR BAY RIDGE	N	0	2	STATE	8/8/2003	6.338	VGOOD	35100	\$50,544,000.00	
3750	K	AVENUE O	BMT SEA BEACH	T	0	1	STATE	10/22/2003	5.863	GOOD	4658	\$6,707,520.00	
3760	K		BMT SEA BEACH	T	0	1	STATE	10/29/2003	6.791	VGOOD	5544	\$8,640,000.00	
3790 3800	K	AVENUE S AVENUE T	BMT SEA BEACH BMT SEA BEACH	T T	0	1	STATE STATE	11/5/2003 11/6/2003	6.133 6.033	VGOOD VGOOD	5360 5360	\$6,912,000.00 \$12,240,000.00	
3810	K	AVENUE U	BMT SEA BEACH	T	0	1	STATE	8/1/2002	6.569	VGOOD	5360	\$12,240,000.00	
1370	K	B 8TH ST ACCESS RMP	BSHP	+ •	A	4	STATE	5/17/2002	3.958	FAIR	12800	\$12,240,000.00	
9440	R	BANCROFT AVE	SIRT SOUTH SHORE	s	õ	3	STATE	10/19/2003	5.269	GOOD	5900	\$8,496,000.00	
1180	B	BARRETTO ST	AMTRAK	A	0	1	STATE	6/5/2002	6.281	VGOOD	5313	\$7,650,720.00	
2000	M	BATTERY PLACE	FDR DRIVE		AT	2	CITY	6/29/2003	4.500	FAIR	75000	\$108,000,000.00	
1290	ĸ	BAY 8TH ST	BSHP		Α	1	STATE	5/5/2003	5.984	GOOD	4920	\$7,084,800.0	
3740	K	BAY PKWY	BMT SEA BEACH	Т	0	4	STATE	8/7/2002	5.079	GOOD	16800	\$24,192,000.00	
1760	Q	BCIP	DUTCH BROADWAY-115 AVE		Α	1	STATE	3/11/2002	4.349	FAIR	7300	\$10,512,000.00	
1900	Q	BCIP	FORT TOTTEN ENTRANCE		Α	1	STATE	8/2/2002	4.672	FAIR	4900	\$7,056,000.00	
0002	Q	BCIP	PATH OPPOSITE 88TH RD		A	1	CITY	6/25/2003	4.467	FAIR	1200	\$1,728,000.00	
6109	B	BE NB SERVICE RD	HUTCHINSON RVR PKWY		A	2	STATE	10/15/2003	4.737	FAIR	7800	\$11,232,000.00	
76129	B	BE SB SERVICE RD	HUTCHINSON RVR PKWY	-	A	2	STATE	4/17/2002	5.105	GOOD	7100	\$10,224,000.00	_
49400 48230	RQ	BEACH AVE BEACH CHANNEL DR WB	SIRT SOUTH SHORE BEACH CHANNEL DR EB	S	0	2	STATE STATE	10/23/2003 5/19/2003	5.697 4.400	GOOD	3700 3600	\$5,328,000.0	
	u u	BEDFORD AVE	LIRR BAY RIDGE	N	0	6	STATE	7/10/2002	4.400	FAIR	12000	\$5,184,000.00 \$17,280,000.00	

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	Y SORTED BRIDGE TYPE	BY FEATU SPANS	JRE CARRIE RATING SOURCE	D INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
2241840	В	BEDFORD PARK BLVD	METRO NORTH RR HAR	М	0	1	STATE	3/9/2002	4.717	FAIR	6400	\$9,216,000.00	
2241930	В	BEDFORD PARK BLVD	NYCTA IND YARDS	T	0	4	STATE	7/20/2002	6.722	VGOOD	46300	\$66,672,000.00	_
2249580 2247140	R Q	BELFIELD AVE PED BRDG BELL BLVD	LIRR N SIDE DIV	L	O-PED O	5 1	CITY STATE	5/15/2003 6/13/2003	4.277 5.881	FAIR GOOD	400 4320	\$576,000.00	
2231770	Q	BELMONT PARK RAMP	BCIP	L	A	1	STATE	5/10/2002	4.781	FAIR	3200	\$6,220,800.00	-
2249250	R	BETHEL AV PED BRDG	SIRT SOUTH SHORE	S	O-PED	12	CITY	6/11/2003	3.980	FAIR	500	\$720,000.00	_
2243100	ĸ	BEVERLY ROAD	BMT SUBWAY, BRIGHTON	Т	0	3	STATE	11/26/2003	3.982	FAIR	2700	\$3,888,000.00	0 14
2243900	ĸ	BLAKE AVE	LIRR BAY RIDGE LINE	N	0	3	STATE	7/19/2002	5.309	GOOD	4900	\$7,056,000.00	_
2240410	Q	BORDEN AVE	DUTCH KILLS	_	WMO	2	STATE	7/14/2003	3.403	FAIR	8400	\$12,096,000.00	-
2229579 2242110	B	BOSTON POST ROAD BOSTON ROAD	HUTCHINSON RIVER BRONX RIVER		WO WO	14 1	STATE STATE	6/5/2003 5/16/2002	4.528 4.273	FAIR	95700 6200	\$137,808,000.00	
2242110	B	BOTANICAL GARDEN	TWIN LAKES		0-PED	1	STATE	5/17/2002	4.273	FAIR	2200	\$3,168,000.00	_
		ROAD			•••==	•	•	0.1.1.2002				<i>t</i> ,,	
2247050	Q	BOWNE AVE	LIRR N SIDE DIV	L	0	1	STATE	8/1/2002	5.863	GOOD	4974	\$7,162,560.00	0 7
2230780	Q	BQE EAST LEG	30TH AVE		Α	3	STATE	6/10/2003	6.746	VGOOD	9400	\$13,536,000.00	
2230720	Q	BQE EAST LEG	BQE NB WEST LEG	_	A	1	STATE	6/11/2003	6.667	VGOOD	2700	\$3,888,000.00	_
2230700 2230690	Q	BQE EAST LEG BQE EAST LEG NB	TO BQE WEST LEG 32ND AVE		A	14	STATE STATE	5/13/2002 6/20/2003	3.611 3.844	FAIR	16800 6160	\$24,192,000.00	_
2230690	Q	BQE EAST LEG SB	31ST AVE	-	A	1	STATE	7/8/2003	6.068	VGOOD	2900	\$8,870,400.00	_
2230770	Q	BQE WEST LEG	30TH AVE		A	. 1	STATE	7/2/2003	7.000	VGOOD	6500	\$9,360,000.00	-
2230830	Q	BQE WEST LEG	GCP		A	2	STATE	8/9/2002	4.861	FAIR	7600	\$10,944,000.00	
2230760	Q	BQE WEST LEG NB	31ST AVE		Α	1	STATE	9/5/2002	4.234	FAIR	2900	\$4,176,000.00	0 1
2230740	Q	BQE WEST LEG SB	31ST AVE		Α	1	STATE	7/8/2003	7.000	VGOOD	3700	\$5,328,000.00	
2231829	Q	BRADDOCK AVE	BCIP	_	A	2	STATE	3/26/2002	4.909	FAIR	10600	\$15,264,000.00	_
2230590 2240137	Q	BROADWAY BROADWAY BRIDGE	278I (B.Q.E.)	т	0	2	STATE	6/4/2002	3.842		16000	\$23,040,000.00	
2240137	BM	BRONX BLVD N.B.	HARLEM RIVER BRONX RIVER	Т	WMO WO	3	STATE STATE	10/13/2003 5/24/2002	3.986 5.033	FAIR GOOD	38100 1800	\$54,864,000.00 \$2,592,000.00	_
2242072	B	BRONX BLVD N.B.	BRONX RIVER		wo	1	STATE	5/20/2002	4.467	FAIR	2800	\$4,032,000.00	_
2242071	B	BRONX BLVD S.B.	BRONX RIVER		wo	1	STATE	5/24/2002	4.700	FAIR	1800	\$2,592,000.00	_
2242081	В	BRONX BLVD S.B.	BRONX RIVER		wo	1	STATE	5/20/2002	4.467	FAIR	2800	\$4,032,000.00	-
2229560	В	BRONX PELHAM PKWY	AMTRAK, METRO NORTH	MA	Α	3	STATE	7/2/2002	4.750	FAIR	24591	\$35,411,040.00	_
2242010	В	BRONX PELHAM PKWY	BRONX RIVER		WA	1	STATE	5/24/2002	4.931	FAIR	9200	\$13,248,000.00	_
2075849 2065629	B	BRONX PELHAM PKWY	HUTCHINSON RVR PKWY		A	2	STATE	8/20/2002	4.289	FAIR	17600	\$25,344,000.00	_
2065629	K	BRONX RVR PKWY BROOKLYN AVE	BOSTON RD BX ZOO LIRR BAY RIDGE	N	A O	1	STATE STATE	8/4/2003 8/6/2003	5.276 6.055	GOOD VGOOD	6300 4500	\$9,072,000.00	-
2267860	ĸ	BROOKLYN BR APPROACH	SANDS STREET		ŏ	1	STATE	5/14/2002	4.732	FAIR	6490	\$9,345,600.00	
2240019	KM	BROOKLYN BRIDGE	278I (B.Q.E.)		WEO	75	STATE	10/18/2002	3.097	FAIR	503788	\$725,454,720.00	0 3
2268350	ĸ		278I N.B. (B.Q.E.)		A-PED	35	CITY	04/17/03	4.500	FAIR	46184	\$66,504,960.00	-
2241099	В	BRUCKNER BLVD	CONRAIL PT MORRIS	С	0	1	STATE	12/4/2002	6.797	VGOOD	6700	\$9,648,000.00	
2266540 1066510	B	BRUCKNER BLVD OVRPAS BRUCKNER EXP.(2066510)	133RD - 135TH ST		A WMA	2 17	STATE	5/7/2003 8/22/2003	4.645 3.821	FAIR	32900 39400	\$47,376,000.00	
2076929	B	BRUCKNER EXPWY	AMTRAK	Α	A	1	STATE	5/8/2003	4.900	FAIR	39400	\$5,472,000.00	
2075352	В	BRUCKNER EXPWY NB	AMTRAK	Ā	A	. 1	STATE	7/18/2002	3.547	FAIR	10900	\$15,696,000.00	_
2066672	B	BRUCKNER EXPWY NB	BRONX RIVER		WMA	8	STATE	6/13/2003	4.761	FAIR	22300	\$32,112,000.00	_
2075351	В	BRUCKNER EXPWY SB	AMTRAK	Α	Α	1	STATE	7/18/2002	3.719	FAIR	11600	\$16,704,000.00	0 2
2066671	В	BRUCKNER EXPWY SB	BRONX RIVER		WMA	3	STATE	6/12/2003	5.528	GOOD	12400	\$17,856,000.00	_
2241210	B	BRYANT AVE	AMTRAK	A	0	1	STATE	11/6/2003	3.220	FAIR	5300	\$7,632,000.00	-
2231329 2231319	K	BSHP BSHP	26TH AVE BAY PKWY		A	1	STATE STATE	4/9/2002 4/12/2002	4.933 4.491	FAIR	6700 7200	\$9,648,000.00	_
2231319	K	BSHP	BAY RIDGE AVE		A	1	STATE	4/12/2002	3.817	FAIR	4900	\$10,368,000.00	_
2231429	ĸ	BSHP	BEDFORD AVE		A	3	STATE	4/25/2002	4.278	FAIR	12000	\$17,280,000.00	_
2231509	K	BSHP	FRESH CREEK		WA	5	STATE	8/21/2003	3.278	FAIR	23000	\$33,120,000.00	
2231450	ĸ	BSHP	GERRITSEN INLET		WA	11	STATE	7/17/2003	3.582	FAIR	46400	\$66,816,000.00	0 56
2231479	ĸ	BSHP	MILL BASIN		WMA	14	STATE	12/22/2003	3.313	FAIR	73500	\$105,840,000.00	
2231439	K	BSHP	NOSTRAND AVE	_	A	3	STATE	4/29/2002	4.097	FAIR	13000	\$18,720,000.00	-
2231419 2231360	K	BSHP BSHP	OCEAN AVE OCEAN PKWY	_	A	3	STATE STATE	4/23/2002 6/2/2003	4.486 3.417	FAIR	14000 11800	\$20,160,000.00 \$16,992,000.00	
2231300	ĸ	BSHP	PAERDEGAT BASIN	_	WA	15	STATE	12/23/2003	2.907	POOR	58300	\$83,952,000.00	-
2231409	ĸ	BSHP	ROCKAWAY PKWY		A	4	STATE	5/23/2003	4.111	FAIR	11500	\$16,560,000.00	
2231409	ĸ	BSHP	SHEEPSHEAD BAY ROAD		A	1	STATE	4/23/2002	4.967	FAIR	6500	\$9,360,000.00	_
2230790	Q	BULOVA AVE	BQE WEST LEG		Α	2	STATE	4/24/2002	5.667	GOOD	3300	\$4,752,000.00	
2247460	Q	CALDWELL AVE		C	0	1	STATE	9/24/2002	6.639	VGOOD	2243	\$3,229,920.00	-
2243290 2240260	K	CARLTON AVE CARROLL ST	LIRR ATLANTIC AVE GOWANUS CANAL	L	O WMO	7	STATE STATE	6/2/2002 6/27/2003	4.958 4.718	FAIR	10823 3000	\$15,585,120.00 \$5,000,000.00	
2240200	ĸ	CARROLL ST PED BRDG	FRANKLIN SHUTTLE	т	O-PED	3	CITY	09/26/02	5.484	GOOD	600	\$864,000.00	
2243220	ĸ	CATON AVE	BMT SUBWAY, BRIGHTON	T	0	4	STATE	11/18/2003	4.500	FAIR	20800	\$29,952,000.00	
2249390	R	CEDARVIEW AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	5	CITY	6/10/2003	4.684	FAIR	600	\$864,000.00	
2246050	M	CENTRAL DRIVE	PED OPP 63RD ST	_	0	1	STATE	3/25/2002	5.000	GOOD	2000	\$2,880,000.00	
2244050	K	CENTRAL DRIVE	PED PATH & STREAM	_	wo	3	STATE	4/16/2003	5.316	GOOD	7400	\$10,656,000.00	_
2246130	M	CENTRAL PARK	UNDER EAST DRIVE		O O-PED	1	CITY	6/20/2003	4.276	FAIR	1200	\$1,728,000.00	
2268480 2249880	R	CHAMBERS ST PED BRDG CHELSEA ROAD	SAWMILL CREEK		WO	8	CITY STATE	8/12/2003 5/12/2003	5.849 6.981	GOOD VGOOD	3344 2205	\$4,815,360.00 \$3,163,680.00	-
2249880	ĸ	CHURCH AVE	BMT SUBWAY, BRIGHTON	т	0	4	STATE	11/21/2003	4.545	FAIR	18200	\$26,208,000.00	_
2240210	В	CITY ISLAND ROAD	EASTCHESTER BAY		wo	7	STATE	10/3/2003	3.500	FAIR	28900	\$41,616,000.00	_
2241710	В	CLAREMONT PKWY	METRO NORTH RR HAR	м	0	1	STATE	2/27/2002	4.484	FAIR	6300	\$9,072,000.00	0 3
2244060	ĸ	CLEFT RIDGE SPAN	PROSPECT PARK		0	1	CITY	6/10/2003	4.500	FAIR	900	\$1,296,000.00	
2231940	Q	CLINTONVILLE ST	BCIP	-	A	2	STATE	2/28/2002	4.727	FAIR	7400	\$10,656,000.00	
2249490	R		SIRT SOUTH SHORE	S	0	3	STATE	6/19/2002	6.264	VGOOD	5270	\$11,808,000.00	
2246350 2231570	Q	CNTRL PK OVER E DRIVE COHANCY ST	S OF CLEOPATRAS NDL BSOP	-	O A	1	CITY STATE	6/23/2003	4.300 4.727	FAIR	750 6400	\$1,080,000.00	-
2231570	K	COLUMBIA HEIGHTS	278I (B.Q.E.)		A	2	STATE	5/15/2002 5/7/2002	4.727	FAIR	6400 16500	\$9,216,000.00 \$23,760,000.00	
2230870	B	CONCOURSE VILL AVE	METRO NORTH RR HAR	м	0	1	STATE	3/21/2002	4.585	FAIR	17800	\$25,632,000.00	_
2241350	ĸ	CONDUIT BLVD NB	ATLANTIC AVE EB		0	1	STATE	4/22/2002	5.000	GOOD	3800	\$5,472,000.00	_
2231380	ĸ	CONEY ISLAND AVE	BSHP		A	4	STATE	9/8/2003	6.292	VGOOD	19866	\$29,664,000.00	
2242440	ĸ	CONEY ISLAND AVE	LIRR BAY RIDGE	N	0	1	STATE	7/1/2002	5.234	GOOD	3231	\$4,652,640.00	
2243440 2230390	K	CONGRESS ST	278I (B.Q.E.)		Α	2	STATE	4/12/2002	4.286	FAIR	5000	\$7,200,000.00	0 6

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	JRE CARRIE RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
2246100	M	CONTRAL DRIVE	TRANSVERSE RD #1		0	1	STATE	5/18/2002	4.333	FAIR	6000	\$8,640,000.00	
2246510 2232029	M	CORBIN PL OVERPASS CORLEARS PARK ROAD	CORBIN PLACE FDR DRIVE		O A	1 4	STATE STATE	3/11/2002 3/27/2002	5.133 4.125	GOOD	2200 4100	\$3,168,000.00 \$5,904,000.00	_
2232029	Q	CORPORAL KENNEDY ST	LIRR N SIDE DIV	L	0	1	STATE	6/13/2003	6.529	VGOOD	4100	\$6,249,600.00	
2243110	ĸ	CORTELYOU ROAD	BMT SUBWAY, BRIGHTON	T	0	3	STATE	12/12/2003	4.044	FAIR	2900	\$4,176,000.00	_
2249280	R	COZZINS BLVD PED BRDG	SIRT SOUTH SHORE	S	O-PED	7	CITY	6/17/2003	4.902	FAIR	200	\$288,000.00	
2246070	M	CPK UNDER CENTR DR	OPP 65TH ST-IN E&W		0	1	CITY	6/23/2003	5.733	GOOD	1200	\$1,728,000.00	
2231880 2243040	Q K	CROCHERON PK PED CROOKE AVE	BCIP BMT SUBWAY, BRIGHTON	т	A-PED O	9 4	CITY STATE	11/10/2003 11/11/2003	4.875 4.158	FAIR	2300 6000	\$3,312,000.00	-
2231340	K	CROPSEY AVE	BSHP	-	A	2	STATE	4/17/2002	4.158	FAIR	13100	\$8,640,000.00 \$18,864,000.00	_
2240301	ĸ	CROPSEY AVE	CONEY ISLAND CREEK		wo	3	STATE	7/7/2003	5.169	GOOD	9400	\$13,536,000.00	
2240302	К	CROPSEY AVE	CONEY ISLAND CREEK		wo	3	STATE	6/16/2003	5.028	GOOD	9400	\$13,536,000.00	_
2231559	Q	CROSS BAY BLVD	BSHP		A	4	STATE	5/7/2002	5.278	GOOD	23205	\$33,415,200.00	
2248039 2266770	Q	CROSS BAY BLVD CROSS ISLAND PKWY	CONDUIT BLVD LAURELTON PKWY		O A	2	STATE STATE	6/6/2003 7/3/2002	3.535 5.250	FAIR GOOD	17000 9508	\$24,480,000.00 \$13,691,520.00	-
2242030	B	CROTONA AVE	BRONX PELHAM PKWY		ō	2	STATE	6/4/2002	5.316	GOOD	7600	\$10,944,000.00	
2243230	к	CROWN ST	FRANKLIN SHUTTLE	т	0	3	STATE	12/3/2003	5.181	GOOD	4800	\$6,912,000.00	_
2230070	Q	CYP HILLS CEM EAST	JACKIE ROBINSON PKWY		Α	3	STATE	4/4/2003	4.114	FAIR	4400	\$6,336,000.00	
2230050	Q	CYP HILLS CEM WEST	JACKIE ROBINSON PKWY		A	3	STATE	4/3/2003	3.955	FAIR	4400	\$6,336,000.00	
2230040 2249160	Q	CYPRESS HILLS ST DE HART AVE	JACKIE ROBINSON PKWY B&O RAILROAD	0	A 0	1 4	STATE STATE	7/10/2002 5/5/2003	5.611 6.500	GOOD VGOOD	5000 6700	\$7,200,000.00 \$9,648,000.00	
2232030	M	DELANCEY ST PED BRDG		0	A-PED	9	CITY	8/10/2003	4.478	FAIR	2900	\$9,848,000.00	-
2076640	B	DEPOT PLACE	CONRAIL HUDSON DIV	С	0	11	STATE	6/25/2003	5.306	GOOD	30192	\$43,476,480.00	
2243130	ĸ	DITMAS AVE	BMT SUBWAY, BRIGHTON	T	0	1	STATE	12/10/2003	5.809	GOOD	4100	\$5,904,000.00	
2243120	к	DORCHESTER ROAD	BMT SUBWAY, BRIGHTON	т	0	1	STATE	7/19/2002	5.804	GOOD	4825	\$6,948,000.00	
2247170	Q	DOUGLASTON PKWY	LIRR N SIDE DIV	L	0	3	STATE	7/1/2002	5.288	GOOD	6300	\$9,072,000.00	_
2232180	M	E 103RD ST PED BRDG	FDR DRIVE		A-PED	20	CITY	7/29/2003	5.000	GOOD VGOOD	6000	\$8,640,000.00	
2233020 2232190	M	E 10TH ST PED BRDG E 111TH ST PED BRDG	FDR DRIVE FDR DRIVE		A-PED A-PED	22 14	CITY	11/18/2003 3/2/2003	6.435 4.100	VGOOD	1632 2600	\$2,350,080.00 \$3,744,000.00	-
2232200	M	E 120TH ST PED BRDG	FDR DRIVE		A-PED	23	CITY	3/2/2003	4.100	FAIR	2500	\$3,600,000.00	_
2231390	ĸ	E 12TH ST	BSHP		A	4	STATE	4/19/2002	4.958	FAIR	17200	\$24,768,000.00	
2233080	ĸ	E 14 ST PED BR	BSHP		A-PED	14	CITY	08/05/02	4.700	FAIR	4700	\$6,768,000.00	0 15
2241550	В	E 144TH ST	METRO NORTH RR HAR	M	0	2	STATE	6/11/2003	6.708	VGOOD	8290	\$11,937,600.00	_
2241129	B	E 149TH ST		A	0	2	STATE	6/28/2002	4.704	FAIR	12575	\$18,108,000.00	
2241560 2241050	B	E 149TH ST E 149TH ST/JACKSON AVE	METRO NORTH RR HAR	M C	0	8	STATE STATE	3/14/2002 11/8/2002	4.736	FAIR FAIR	27900 65000	\$40,176,000.00 \$93,600,000.00	
2243450	ĸ	E 14TH ST	LIRR BAY RIDGE	N	0	1	STATE	7/2/2002	5.596	GOOD	1775	\$2,556,000.00	_
2241010	B	E 156TH STREET	CONRAIL PT MORRIS	C	0	1	STATE	11/5/2002	4.556	FAIR	2400	\$3,456,000.00	_
2241600	В	E 158TH ST	METRO NORTH RR HAR	м	0	1	STATE	6/10/2003	5.233	GOOD	3400	\$4,896,000.00	
2243460	к	E 15TH ST - PED	LIRR BAY RIDGE	N	O-PED	3	CITY	04/17/02	3.650	FAIR	900	\$1,296,000.00	
2241610	B	E 161ST ST	METRO NORTH RR HAR	M	0	1	STATE	6/10/2003	5.383	GOOD	6600	\$9,504,000.00	
2241020 2241620	B	E 161ST STREET E 162ND ST	CONRAIL PT MORRIS METRO NORTH RR HAR	C M	0	1	STATE STATE	8/1/2003 2/23/2002	6.783 4.983	VGOOD	12800 4700	\$18,432,000.00	-
2241020	B	E 163RD STREET	CONRAIL PT MORRIS	C	0	1	STATE	7/9/2002	4.983	FAIR	3200	\$6,768,000.00 \$4,608,000.00	
2241630	В	E 165TH ST	METRO NORTH RR HAR	M	0	1	STATE	4/10/2002	4.483	FAIR	16400	\$23,616,000.00	-
2241650	В	E 167TH ST	METRO NORTH RR HAR	м	0	1	STATE	2/20/2002	5.863	GOOD	3363	\$4,842,720.00	
2241660	В	E 168TH ST	METRO NORTH RR HAR	М	0	1	STATE	2/21/2002	4.922	FAIR	7700	\$11,088,000.00	
2241670	B	E 169TH ST	METRO NORTH RR HAR	M	0	1	STATE	2/22/2002	4.875	FAIR	3300	\$4,752,000.00	
2241680	B	E 170TH ST	METRO NORTH RR HAR METRO NORTH RR HAR	M	0	1	STATE	3/2/2002	6.451	VGOOD	3150	\$4,536,000.00	-
2241720 2066720	B	E 173RD ST E 174TH ST	SHERIDAN EXPWY/AMTRAK	M	O A	1 13	STATE STATE	2/26/2002 7/17/2002	4.583	FAIR	3000 47430	\$4,320,000.00 \$68,299,200.00	
2241740	B	E 175TH ST	METRO NORTH RR HAR	M	ō	1	STATE	2/28/2002	4.094	FAIR	3600	\$5,184,000.00	-
2241269	В	E 177TH ST	AMTRAK	Α	0	3	STATE	6/24/2002	5.514	GOOD	16606	\$23,912,640.00	
2241770	В	E 178TH ST PED BRDG	METRO NORTH RR HAR	М	O-PED	1	CITY	08/28/02	6.730	VGOOD	700	\$1,008,000.00	-
2241780	B	E 179TH ST PED BRDG	METRO NORTH RR HAR	M	O-PED	6	CITY	08/27/02	6.000	GOOD	700	\$1,008,000.00	_
2242400 2241790	B	E 180TH ST E 180TH ST	BRONX RIVER METRO NORTH RR HAR	м	wo o	1	STATE STATE	10/1/2002 3/5/2002	4.810 4.078	FAIR	4500 5000	\$6,480,000.00 \$7,200,000.00	
2241790	B	E 183TH ST	METRO NORTH RR HAR	M	0	1	STATE	3/6/2002	4.328	FAIR	3600	\$5,184,000.00	_
2241820	B	E 187TH ST	METRO NORTH RR HAR	M	0	1	STATE	3/8/2002	4.844	FAIR	3800	\$5,472,000.00	
2241810	В	E 188TH ST	METRO NORTH RR HAR	M	0	1	STATE	3/7/2002	4.281	FAIR	5300	\$7,632,000.00	
2241839	В	E 189TH ST	METRO NORTH RR HAR	М	0	1	STATE	6/9/2003	6.533	VGOOD	43157	\$62,146,080.00	
2242459	B	E 233RD ST	BRONX RIVER		wo	1	STATE	5/24/2002	4.367	FAIR	7000	\$10,080,000.00	
2242460 2241870	B	E 233RD ST E 233RD ST	ENTR RD BNX RVR PKWY METRO NORTH RR HAR	м	0	1	STATE STATE	2/4/2002 3/15/2002	5.600 5.157	GOOD GOOD	5300 7664	\$7,632,000.00 \$11,036,160.00	
2241870	В	E 241ST ST	BRP, METRO NORTH HAR	M	0	28	STATE	11/7/2002	4.653	FAIR	49500	\$71,280,000.00	-
2246540	M	E 34TH ST	PARK AVE TUNNEL		от	1	STATE	9/9/2003	4.033	FAIR	36200	\$52,128,000.00	_
2243420	к	E 3RD ST	LIRR BAY RIDGE	N	0	1	STATE	8/28/2003	5.082	GOOD	1500	\$2,160,000.00) 12
2232100	M	E 51ST ST PED BRDG	FDR DRIVE		A-PED	10	CITY	3/9/2003	4.161	FAIR	2800	\$4,032,000.00	_
2233040	M	E 60TH ST	FDR DRIVE		A	17	STATE	8/8/2003	3.318	FAIR	24480	\$35,251,200.00	-
2232110 2245380	M	E 64TH ST PED BRDG	FDR DRIVE		A-PED O	13	CITY	3/9/2003 3/18/2002	5.050	GOOD	2100	\$3,024,000.00	
2245380	M	E 66TH ST E 6TH ST PED BRDG	PED WALK N. OF ZOO FDR DRIVE		A-PED	1 22	STATE CITY	3/18/2002	5.000 4.400	GOOD FAIR	1500 2200	\$2,160,000.00 \$3,168,000.00	
2232120	M	E 71ST ST PED BRDG	FDR DRIVE		A-PED	19	CITY	5/2/2003	7.000	VGOOD	1800	\$2,592,000.00	
2232140	M	E 78TH ST PED BRDG	FDR DRIVE		A-PED	9	CITY	3/23/2003	3.578	FAIR	1700	\$2,448,000.00	
2269820	м	E 81 ST PED BRIDGE	FDR DRIVE N.B.		A-PED	3	CITY	11/2/2003	3.213	FAIR	900	\$1,296,000.00	
2245319	M	E 97TH ST	METRO NORTH MAIN LN	м	0	1	STATE	11/25/2002	4.686	FAIR	3200	\$4,608,000.00	
2246400 2242149	B	E FOOTBRIDGE E TREMONT AVE	TRANSVERSE RD #2 BRONX RIVER		O-PED WO	1 2	CITY STATE	10/4/2003 5/15/2002	4.500 4.778	FAIR	3700 12900	\$5,328,000.00 \$18,576,000.00	_
2242149	В	E TREMONT AVE	HUTCHINSON RVR PKWY		A	2	STATE	10/31/2002	4.778	FAIR	12900	\$18,576,000.00	
2241760	B	E TREMONT AVE	METRO NORTH RR HAR	м	ō	1	STATE	10/10/2003	6.700	VGOOD	7300	\$10,512,000.00	-
2242260	B	EAGLE AVE	E 161ST ST		0	1	STATE	5/13/2002	5.234	GOOD	2800	\$4,032,000.00	
2246040	м	EAST DR AT CNTRL PARK			0	1	CITY	06/20/03	5.000	GOOD	1200	\$1,728,000.00	0 5
2244030	K	EAST DRIVE	BRIDLE PATH		0	1	STATE	4/10/2003	5.041	GOOD	2000	\$2,880,000.00	
2244040	K	EAST DRIVE	EAST WOOD ARCH		0	1	CITY	6/30/2003	4.200	FAIR	900	\$1,296,000.00	
2246170 2246069	M	EAST DRIVE	PED WALK @ 73RD ST		0	1	STATE	3/6/2002	5.019	GOOD	1900	\$2,736,000.00	
2246069	M	EAST DRIVE EAST DRIVE	PEDESTRIAN WALK THE LOCH		O WO	1	STATE STATE	3/25/2002 4/3/2002	4.500 4.700	FAIR	2700 1100	\$3,888,000.00 \$1,584,000.00	-
2246470	M	EAST DRIVE	TRANSVERSE RD #1		0	1	STATE	5/19/2002	4.700	FAIR	6000	\$8,640,000.00	-
					0	1	STATE	6/2/2002	4.533	FAIR	6500		0 64

BIN	BORO	FEATURE CARRIED		RAIL ROAD	BRIDGE TYPE	BY FEATU SPANS	JRE CARRIE RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
2246250	M	EAST DRIVE	TRANSVERSE RD #3		0	1	STATE	4/21/2002	4.467	FAIR	5100	\$7,344,000.00	
2246270 2242350	B	EAST DRIVE EAST FORDHAM RD	TRANSVERSE RD #4 GRAND CONCOURSE		0	1	STATE STATE	6/8/2002 5/10/2002	3.967 4.567	FAIR	7000 10300	\$10,080,000.00 \$14,832,000.00	
2242350	B	EAST TREMONT AVE	AMTRAK	Α	0	2	STATE	6/17/2002	5.722	GOOD	22300	\$32,112,000.00	
2241900	B	EASTCHESTER ROAD	NYCTA-DYRE AVE LN	T	0	3	STATE	7/21/2002	5.139	GOOD	13500	\$19,440,000.00	
2243279	к	EASTERN PKWY	FRANKLIN SHUTTLE	Т	0	1	STATE	7/1/2002	4.861	FAIR	7700	\$11,088,000.00	
2247470	Q	ELIOT AVE	CONRAIL	C	0	1	STATE	8/12/2003	5.250	GOOD	3600	\$5,184,000.00	
2247550 2248160	Q	ELIOT AVE ELLIOT AVE	LIRR MONTAUK DIV QUEENS BLVD	L	0	2	STATE STATE	6/18/2003 8/23/2002	5.894 4.922	GOOD	9200 13785	\$13,248,000.00	_
2269600	ĸ	ERSKINE STREET	BSHP		A	1	STATE	10/30/2002	6.906	VGOOD	8258	\$19,850,400.00 \$11,891,520.00	_
2241200	B	FAILE ST	AMTRAK	Α	0	1	STATE	6/6/2002	6.156	VGOOD	6208	\$8,939,520.00	
2231620	Q	FARMERS BLVD	BSOP		Α	2	STATE	5/13/2003	4.568	FAIR	6400	\$9,216,000.00	
223201A	M	FDR DR N.B. OFF RMP	FDR DR & SOUTH ST		AR	17	STATE	3/20/2002	3.597	FAIR	102225	\$147,204,000.00	
2232158 2233038	M	FDR DRIVE S.B. FDR DRIVE SB	FDR DRIVE N.B.		AT AT	56 46	STATE	6/18/2003	4.773 2.698	FAIR	54302	\$78,194,880.00	-
2233038	M	FDR NB 42ND TO 49ST	FDR NB / E 62ND ST EAST RIVER		A	46	STATE STATE	8/1/2003 8/28/2003	4.415	FAIR	70113 30767	\$100,962,720.00 \$44,304,480.00	
223204A	M	FDR NB TO HOUSTON ST	RELIEF		AR	4	STATE	3/21/2002	4.000	FAIR	7642	\$11,004,480.00	_
2229520	В	FIELDSTON ROAD	HHP		Α	1	STATE	8/20/2003	5.700	GOOD	6600	\$9,504,000.00	0 8
2249480	R	FINGERBOARD ROAD	SIRT SOUTH SHORE	S	0	2	STATE	10/26/2003	6.764	VGOOD	5100	\$7,344,000.00	-
2231460	K	FLATBUSH AVE	BSHP	T	A O	2	STATE	9/5/2003	6.618	VGOOD	14058	\$19,584,000.00	
2243260 2243510	K	FLATBUSH AVE FLATBUSH AVE	FRANKLIN SHUTTLE	T N	0	2	STATE STATE	6/28/2002 8/12/2003	5.294 4.667	GOOD	11300 5700	\$16,272,000.00	
2248220	Q	FLUSHING AV SERVICE	FLUSHING AVE		0	1	STATE	5/12/2003	5.125	GOOD	3000	\$4,320,000.00	
2248260	Q	FLUSHING MEADW PARK	MEADOW LAKE & 69TH RD		wo	5	STATE	4/25/2002	4.891	FAIR	4200	\$6,048,000.00	
2249800	R	FOREST AVE	CLOVE LAKES PK STREAM		wo	1	STATE	9/9/2003	4.767	FAIR	1600	\$2,304,000.00	0 1
2248340	Q	FOREST PARK DR	MYRTLE AVE	.	0	3	STATE	5/8/2003	5.081	GOOD	5100	\$7,344,000.00	_
2247660	Q	FOREST PARK DRIVE		L	0	6	STATE	6/2/2003	5.254	GOOD	10000	\$14,400,000.00	
2247590 2243620	Q K	FOREST PARK DRIVE	LIRR MONTAUK DIV LIRR & SEA BEACH	L	0	5	STATE STATE	6/23/2003 8/26/2002	5.404 5.627	GOOD GOOD	6000 14800	\$8,640,000.00 \$21,312,000.00	
2243620	M	FORT TRYON PARK	SOUTH OF CLOISTERS		0	1	CITY	7/15/2002	5.333	GOOD	750	\$21,312,000.00	_
2245050	M	FORT TRYON PARK	UNDERPASS		0	1	CITY	7/15/2003	4.867	FAIR	750	\$1,080,000.00	
2246500	М	FORT TRYON PLACE	ENTR FROM RIVERSIDE DR		0	1	STATE	4/12/2002	4.233	FAIR	6600	\$9,504,000.00	0 12
2243150	K	FOSTER AVE	BMT SUBWAY, BRIGHTON	Т	0	1	STATE	7/18/2002	4.517	FAIR	3000	\$4,320,000.00	
2231930	Q	FRANCIS LEWIS BLVD	BCIP		A	3	STATE	2/28/2002	4.773	FAIR	9100	\$13,104,000.00	-
2231690 2231700	Q	FRANCIS LEWIS BLVD FRANCIS LEWIS BLVD	BLP E.B. BLP W.B.		A	1	STATE STATE	5/23/2002 4/16/2002	5.333 4.933	GOOD	6000 6000	\$8,640,000.00	
2267199	Q	FRANCIS LEWIS BLVD	PARK ROAD		ô	1	STATE	6/3/2003	5.167	GOOD	7085	\$10,202,400.00	
2249450	R	FREMONT AVE PED BRDG		S	O-PED	3	CITY	6/12/2003	4.459	FAIR	800	\$1,152,000.00	
224005A	М	FROM FDR DRIVE	HARLEM RIVER DR		OR	19	STATE	6/3/2002	3.940	FAIR	29900	\$43,056,000.00	0 11
226771C	M	GAR RAMP TO 79 ST	79 ST BT BASIN GAR		AR	21	STATE	6/9/2003	4.726	FAIR	9095	\$13,096,800.00	
2241420 2249360	B	GERARD AVE GIFFORDS LANE	METRO NORTH RR HUD SIRT SOUTH SHORE	M	0	1	STATE STATE	3/23/2002 6/18/2002	6.766 5.844	VGOOD GOOD	5063 3042	\$7,290,720.00	
2249360	K	GLENMORE AVE	LIRR BAY RIDGE	N	0	2	STATE	8/4/2002	5.644 4.088	FAIR	5700	\$4,380,480.00 \$8,208,000.00	_
2065940	Q	GRAND AVE	495I (L.I.E.)		A	2	STATE	9/10/2002	5.264	GOOD	12376	\$17,821,440.00	
2247440	Q	GRAND AVE	CONRAIL	С	0	1	STATE	8/11/2003	6.567	VGOOD	3400	\$4,896,000.00	-
2247180	Q	GRAND AVE	LIRR MAIN LINE	L	0	3	STATE	7/23/2002	5.000	GOOD	7415	\$10,677,600.00	
2242370	B	GRAND CONCOURSE	BEDFORD PARK BLVD		0	1	STATE	5/14/2002	4.922	FAIR	8418	\$12,121,920.00	
2242360 2242299	B	GRAND CONCOURSE GRAND CONCOURSE	BURNSIDE AVE E 138TH ST		0	2	STATE STATE	11/7/2002 5/9/2003	4.368	FAIR GOOD	8400 9500	\$12,096,000.00	
2242259	B	GRAND CONCOURSE	E 161ST ST		0	1	STATE	12/5/2002	3.583	FAIR	24100	\$13,680,000.00 \$34,704,000.00	_
2242280	B	GRAND CONCOURSE	E 167TH ST		0	2	STATE	8/21/2002	4.579	FAIR	42900	\$61,776,000.00	
2242300	В	GRAND CONCOURSE	E 170TH ST		0	2	STATE	7/1/2002	4.789	FAIR	39300	\$56,592,000.00	0 4
2242319	В	GRAND CONCOURSE	E 174TH ST	Т	0	1	STATE	5/15/2002	4.067	FAIR	14900	\$21,456,000.00	
2242329	B	GRAND CONCOURSE	E 175TH ST	Т	0	1	STATE	10/23/2002	4.467	FAIR	11900	\$17,136,000.00	
2242380 2242330	B	GRAND CONCOURSE GRAND CONCOURSE	E 204TH ST E TREMONT AVE		0	1	STATE STATE	5/7/2003 10/14/2003	5.766 6.483	GOOD VGOOD	9272 11700	\$13,351,680.00 \$16,848,000.00	
2242330	B	GRAND CONCOURSE	EAST KINGSBRIDGE		0	2	STATE	12/6/2002	4.714	FAIR	16500	\$23,760,000.00	
2241409	B	GRAND CONCOURSE	METRO NORTH RR HUD	тсм	0	1	STATE	3/19/2002	3.844	FAIR	16100	\$23,184,000.00	
2240390	KQ	GRAND ST BRIDGE	NEWTOWN CREEK		WMO	2	STATE	9/9/2002	4.569	FAIR	5100	\$25,000,000.00	0 5
2249100	R	GRANITE AVE	B&O RAILROAD	0	0	4	STATE	4/10/2002	6.237	VGOOD	7300	\$10,512,000.00	
2249370	R	GREAVES AVE GREENPOINT AVE	SIRT SOUTH SHORE	S	0	3	STATE	10/18/2003	6.750	VGOOD	6100 76106	\$8,784,000.00	
2240370	KQ	BRIDGE	NEWTOWN CREEK	L	WMO	12	STATE	11/11/2003	4.889		76106	\$109,592,640.00	′ ²
2241860	В	GUN HILL RD	METRO NORTH RR HAR	м	0	2	STATE	3/15/2002	4.279	FAIR	9000	\$12,960,000.00	0 12
2242430	В	GUN HILL ROAD	BRONX BLVD		0	4	STATE	8/23/2002	4.912	FAIR	9400	\$13,536,000.00	0 12
2242440	B	GUN HILL ROAD	BRONX RIVER		wo	1	STATE	4/25/2002	5.300	GOOD	8700	\$12,528,000.00	
2241910	B	GUN HILL ROAD	NYCTA-DYRE AVE LN	Т	0	1	STATE	7/21/2002	6.906	VGOOD	75000	\$9,072,000.00	
2231610 2249380	Q R	GUY R. BREWER BLVD GUYON AVE	BSOP SIRT SOUTH SHORE	S	A O	2	STATE STATE	5/13/2003 10/19/2003	6.833 4.869	VGOOD FAIR	7300 6900	\$10,512,000.00 \$9,936,000.00	
2240232	ĸ	HAMILTON AVE BRIDGE	GOWANUS CANAL		WMO	3	STATE	7/17/2003	4.014	FAIR	7300	\$10,512,000.00	
2240231	ĸ	HAMILTON AVE BRIDGE	GOWANUS CANAL		WMO	3	STATE	8/7/2002	4.236	FAIR	7300	\$10,512,000.00	0 7
2065930	Q	HAMILTON PLACE	495I (L.I.E.)		Α	2	STATE	7/30/2002	6.403	VGOOD	11111	\$16,254,720.00	
2249520	R	HANNAH ST	SIRT SOUTH SHORE	S	0	10	STATE	10/21/2003	5.119	GOOD	10020	\$14,428,800.00	
2249180 2233059	R	HARBOR ROAD HARLEM RIVER DRIVE	B&O RAILROAD RAMP TO HRD N.B.	0	O A	4 11	STATE STATE	5/6/2003 6/27/2003	6.356 3.418	VGOOD	6615 51000	\$9,525,600.00 \$73,440,000.00	-
2233059	Q	HEMPSTEAD AVE	BCIP		A	2	STATE	6/12/2003	4.226	FAIR	14200	\$20,448,000.00	
2266149	Q	HEMPSTEAD AVE	CROSS ISLAND PKWY	1	Ā	2	STATE	7/11/2002	4.077	FAIR	9500	\$13,680,000.00	
2267250	м	ННР	AMTRAK 30TH ST LINE	Α	Α	55	STATE	7/22/2002	3.435	FAIR	40000	\$57,600,000.00	0 7
2229530	B	HHP	BROADWAY		A	1	STATE	8/21/2003	4.936	FAIR	7500	\$10,800,000.00	-
2229440	B	HHP			A	1	STATE	9/22/2003	5.207	GOOD	3900	\$5,616,000.00	
2266229 2266230	M	HHP HHP	PED UNDERPASS @ 148 ST PED UNDERPASS INWD PK	-	A	1	STATE STATE	4/8/2002 2/22/2002	5.621 6.211	GOOD VGOOD	1800 800	\$2,592,000.00 \$1,152,000.00	
2266230	M	ННР	PED UNDERPASS INWD PK	-	A	1	STATE	3/11/2002	5.762	GOOD	1100	\$1,152,000.00	
2229309	M	HHP	RIVERSIDE PARK		A	1	STATE	2/25/2002	5.267	GOOD	2400	\$3,456,000.00	
2229339	M	ННР	ST CLAIR PLACE		A	64	STATE	4/14/2002	4.014	FAIR	370000	\$532,800,000.00	_
2229349	М	HHP	W 158 ST	Α	Α	44	STATE	10/2/2002	4.155	FAIR	140000	\$201,600,000.00	0 12
2229312	M	HHP NB	RAMP TO 96 ST		A	1	STATE	3/1/2002	4.273	FAIR	2000	\$2,880,000.00	
2229322 M00004	M		RAMP TO 96 ST		A	1	STATE	6/6/2002	5.167	GOOD	2000	\$2,880,000.00	
	M	HHP ON/OFF RMP-79 EB	PEDESTRIAN PATH		A	1	CITY	7/17/2003	4.900	FAIR	900	\$1,296,000.00	1

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL	BRIDGE	SPANS	JRE CARRIE RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CI
M00003	M	HHP ON/OFF RMP-79 WB	PEDESTRIAN PATH		A	1	CITY	7/16/2003	5.000	GOOD	900	\$1,296,000.00	
2229311 2229321	M	HHP SB HHP SB	RAMP TO 96 ST RAMP TO 96 ST		A	1	STATE STATE	3/1/2002 6/6/2002	4.273 5.200	FAIR GOOD	2000 2000	\$2,880,000.00 \$2,880,000.00	_
2229289	M	HHP VIADUCT	W 72 ST TO W 79 ST	Α	A	145	STATE	9/23/2002	3.299	FAIR	236100	\$339,984,000.00	
2230000	к	HIGHLAND BLVD E.B.	JACKIE ROBINSON PKWY		Α	1	STATE	4/23/2002	4.833	FAIR	4900	\$7,056,000.00	-
2230220	ĸ	HIGHLAND BLVD NB	VERMONT AVE		Α	1	STATE	7/11/2003	6.254	VGOOD	3995	\$5,752,800.00	_
2230010	K	HIGHLAND BLVD W.B.	JACKIE ROBINSON PKWY		A	1	STATE	4/24/2002	5.100	GOOD	3500	\$5,040,000.00	_
2230020 2243780	K	HIGHLAND BLVD W.B. HIGHLAWN AVE	JACKIE ROBINSON PKWY BMT SEA BEACH	т	A 0	2 1	STATE STATE	4/26/2002 10/31/2003	4.974 6.440	FAIR VGOOD	4700 6960	\$6,768,000.00 \$16,272,000.00	_
2244120	ĸ	HILL DRIVE	PROSPECT PK LAKE	-	wo	3	STATE	4/18/2003	3.745	FAIR	7800	\$11,232,000.00	_
2231840	Q	HILLSIDE AVE	BCIP		Α	2	STATE	6/28/2002	4.184	FAIR	9672	\$13,927,680.00	_
2247320	Q	HONEYWELL ST	AMTRAK & LIRR YARD	AL	0	22	STATE	7/30/2003	6.569	VGOOD	98300	\$141,552,000.00	
2300130	Q	HOOK CREEK	HOOK CREEK BRIDGE		wo	3	STATE	6/26/2003	6.339	VGOOD	18302	\$26,354,880.00	
2232040 223204B	M	HOUSTON ST HOUSTON ST RAMP TO FDR	FDR DRIVE RELIEF		A AR	2 4	STATE	5/20/2003 3/21/2002	3.318 4.417	FAIR FAIR	11010 7642	\$15,854,400.00 \$11,004,480.00	-
2267240	м	HRD NB RAMP	HARLEM RIVER DR		Α	51	STATE	9/23/2003	3.000	POOR	112860	\$162,518,400.00	0 1
2249300	R	HUGUENOT AVE	SIRT SOUTH SHORE	S	0	2	STATE	10/14/2003	4.955	FAIR	4900	\$7,056,000.00	
2240450	Q	HUNTERS PT AVE BRIDGE			WMO	4	STATE	5/13/2002	5.167	GOOD	11544	\$16,623,360.00	-
2241190 2241959	B	HUNTS POINT AVE HUTCHINSON RVR PKWY	AMTRAK	A	0	1	STATE STATE	6/6/2002 6/21/2002	5.250 6.068	GOOD VGOOD	13700 15444	\$19,728,000.00 \$22,239,360.00	
2075859	B	HUTCHINSON RVR PKWY	HUTCHINSON RIVER	^	WMA	7	STATE	10/28/2002	5.375	GOOD	60500	\$87,120,000.00	
2249810	R	HYLAN BLVD	LEMON CREEK		WO	1	STATE	4/12/2002	6.625	VGOOD	11400	\$16,416,000.00	
2248299	Q	INTER PKWY-UNION TPK	AUSTIN ST		0	1	STATE	3/22/2002	4.750	FAIR	5900	\$8,496,000.00	_
2245300	М	INWOOD HILL PK FTBR	AMTRAK 30 ST BRANCH	Α	O-PED	6	CITY	09/30/02	4.361	FAIR	700	\$1,008,000.00	_
2246690	M	ISHAM PK VEHICULR	HARLEM RIVER INLET		0	1	STATE	11/12/2002	6.652	VGOOD	700	\$1,008,000.00	
230099	Q	JACKIE ROBINSON PKWY	CYPRESS HILLS CEMETRY METROPOLITAN AVE		A 	1	STATE	1/17/2002 2/19/2002	5.483	GOOD	4200	\$6,048,000.00	_
230179	Q	JACKIE ROBINSON PKWY JACKSON AVE	LIRR,AMT,CON NE	L	A 0	2	STATE STATE	2/19/2002 11/4/2002	5.321 6.183	GOOD VGOOD	8673 4517	\$12,489,120.00 \$6,504,480.00	
2231819	Q	JAMAICA AVE	BCIP	-	A	2	STATE	3/26/2002	4.727	FAIR	11500	\$6,504,480.00	-
230287	B	JEROME AVE	MOSHOLU PARKWAY	т	A	3	STATE	5/5/2002	5.053	GOOD	11800	\$16,992,000.00	
249070	R	JOHN ST	B&O RAILROAD	0	O-PED	3	CITY	3/12/2003	6.806	VGOOD	5800	\$8,352,000.00	_
247480	Q	JUNIPER BLVD SO	CONRAIL	С	0	1	STATE	8/12/2003	5.556	GOOD	8500	\$12,240,000.00	_
230380	к	KANE ST	278I (B.Q.E.)		Α	2	STATE	4/10/2002	4.418	FAIR	5000	\$7,200,000.00	
243770	K	KINGS HIGHWAY	BMT SEA BEACH	Т	0	1	STATE	10/30/2003	6.767	VGOOD	5032	\$17,280,000.00	
231449	K	KNAPP ST LAFAYETTE AVE	BSHP AMTRAK	Α	A O	1	STATE STATE	4/30/2002 6/28/2002	4.594 5.905	FAIR GOOD	9500 12000	\$13,680,000.00 \$17,280,000.00	
2491109	R	LAKE AVE	B&O RAILROAD	Ö	0	3	STATE	4/9/2002	5.905	GOOD	5900	\$8,496,000.00	-
247240	Q	LEFFERTS BLVD	LIRR MAIN LINE	L	0 0	3	STATE	6/25/2003	5.917	GOOD	5460	\$7,862,400.00	
241139	B	LEGGETT AVE	AMTRAK	A	0	3	STATE	6/28/2002	4.690	FAIR	28300	\$40,752,000.00	-
243850	ĸ	LIBERTY AVE	LIRR BAY RIDGE	N	0	4	STATE	8/12/2003	4.294	FAIR	6400	\$9,216,000.00	_
249460	R	LINCOLN AVE	SIRT SOUTH SHORE	S	0	1	STATE	10/25/2003	5.552	GOOD	4500	\$6,480,000.00	
243190	ĸ	LINCOLN PLACE	FRANKLIN SHUTTLE	T	0	1	STATE	6/24/2002	7.000	VGOOD	2460	\$4,896,000.00	_
243010	K	LINCOLN ROAD	BMT SUBWAY, BRIGHTON	Т	0	4	STATE	10/9/2003	4.103	FAIR	6100	\$8,784,000.00	-
231750	Q	LINDEN BLVD LINDEN BLVD	BCIP CONDUIT AVE		A 0	2	STATE STATE	3/21/2002 5/23/2002	4.477 5.233	FAIR GOOD	6700 3352	\$9,648,000.00	_
243040	K	LIVONIA AVE PED BRDG	LIRR BAY RIDGE LINE	N	O-PED	3	CITY	01/18/01	5.458	GOOD	2500	\$4,826,880.00	-
241159	В	LONGWOOD AVE	AMTRAK	A	0	2	STATE	6/4/2002	6.042	VGOOD	10625	\$15,300,000.00	
240090	BM	MACOMBS DAM BRIDGE	HARLEM RIVER		WMO	52	STATE	8/6/2003	4.169	FAIR	139100	\$200,304,000.00	_
2240079	BM	MADISON AVE BRIDGE	HARLEM RIVER		WMO	31	STATE	8/19/2002	5.667	GOOD	80000	\$115,200,000.00	0 1
2249210	R	MAIN ST PED BRDG	SIRT SOUTH SHORE	S	O-PED	9	CITY	5/14/2003	4.710	FAIR	400	\$576,000.00	
2240027	KM	MANHATTAN BRIDGE(LL)	EAST RIVER	T	WEO	23	STATE	11/12/2002	3.847	FAIR	616390	\$887,601,600.00	_
2240028	KM B	MANHATTAN BRIDGE(UL) MANHATTAN COLL PKWY	NYCTA TRACKS-BMT HHP	Т	WEO	43	STATE STATE	11/12/2002 4/30/2003	4.243	FAIR	587424 6200	\$845,890,560.00	
2230190	Q	MARKWOOD ROAD	JACKIE ROBINSON PKWY		A	1	STATE	4/19/2002	5.389	GOOD	4400	\$8,928,000.00 \$6,336,000.00	_
2249760	R	MARTLINGS AVE	RICHMOND LAKE DAM		wo	2	STATE	6/9/2003	4.933	FAIR	7000	\$10,080,000.00	
2269030	B	MATTHEWSON ROAD	MAC CRACKEN AVE		0	15	STATE	11/3/2003	3.947	FAIR	14880	\$21,427,200.00	
243410	ĸ	MCDONALD AVE	LIRR BAY RIDGE	N	0	1	STATE	5/27/2002	5.422	GOOD	2760	\$3,974,400.00	
241110	В	MELROSE AVE	CONRAIL PT MORRIS	С	0	8	STATE	7/31/2003	6.208	VGOOD	37854	\$54,509,760.00	-
231710	Q	MERRICK BLVD	BLP E.B.		A	1	STATE	5/7/2002	4.533	FAIR	6000	\$8,640,000.00	
231720	Q	MERRICK BLVD	BLP W.B.	-	A	1	STATE	5/20/2002	4.200	FAIR	6000	\$8,640,000.00	
247500 240290	Q K	METROPOLITAN AVE	CONRAIL ENGLISH KILLS	C	O WMO	1 5	STATE STATE	8/12/2003 11/12/2003	4.167	FAIR	18650 15245	\$26,856,000.00 \$21,952,800.00	_
240290	Q	METROPOLITAN AVE	LIRR MONTAUK DIV	L	0	2	STATE	6/19/2003	3.683	FAIR	20900	\$21,952,800.00	
249470	R	MIDLAND AVE	SIRT SOUTH SHORE	S	0	1	STATE	10/26/2003	5.603	GOOD	3000	\$4,320,000.00	_
257569	M	MILLER HIGHWAY	TERRAIN		A	63	STATE	7/1/2003	5.000	GOOD	287539	\$414,056,160.00	
249530	R	MINTHORNE ST PED BRDG	SIRT SOUTH SHORE	S	O-PED	23	CITY	9/17/2003	6.170	VGOOD	1600	\$2,304,000.00	D
243240	к	MONTGOMERY ST	FRANKLIN SHUTTLE	т	0	1	STATE	12/1/2003	6.353	VGOOD	2030	\$3,168,000.00	0
249090	R	MORNINGSTAR ROAD	B&O RAILROAD	0	0	4	STATE	4/14/2003	5.339	GOOD	7900	\$11,376,000.00	
268930	М	MORRIS ST PED BRDG	BKLN-BATTERY TUNN PLZ		A-PED	3	CITY	06/13/02	4.535	FAIR	1200	\$1,728,000.00	
230250	В	MOSHOLU PARKWAY	BRONX RIVER		Α	5	STATE	1/28/2002	4.263	FAIR	16300	\$23,472,000.00	-
230300	B	MOSHOLU PARKWAY	CONRAIL (ABANDONED)	С	A	1	STATE	10/29/2002	4.229	FAIR	5200	\$7,488,000.00	
230290	B	MOSHOLU PARKWAY	EQUESTRIAN PATH		A	1	STATE	1/29/2002	4.724	FAIR	4300	\$6,192,000.00	
230260 230310	B	MOSHOLU PARKWAY MOSHOLU PARKWAY	METRO NORTH SB RAMP TO HHP	M	A	1	STATE STATE	3/16/2002 10/22/2003	6.484 5.243	VGOOD GOOD	8880 7400	\$12,787,200.00 \$10,656,000.00	
230310	B	MOSHOLU PARKWAY	WEBSTER AVE	-	A	1	STATE	4/23/2003	5.243 6.016	VGOOD	8480	\$12,211,200.00	
247110	Q	MURRAY ST	LIRR N SIDE DIV	L	0	1	STATE	6/11/2003	5.556	GOOD	4000	\$5,760,000.00	
247620	Q	MYRTLE AVE	ABANDONED LIRR	L	0	3	STATE	3/27/2002	5.250	GOOD	6725	\$9,684,000.00	
230120	Q	MYRTLE AVE	JACKIE ROBINSON PKWY		A	1	STATE	4/24/2002	5.611	GOOD	6400	\$9,216,000.00	-
231670	Q	N CONDUIT AVE W.B.	BLP E.B.		Α	1	STATE	1/28/2002	4.917	FAIR	4000	\$5,760,000.00	0 1
231680	Q	N CONDUIT AVE WB	BLP W.B.		Α	2	STATE	2/11/2002	4.932	FAIR	6500	\$9,360,000.00	
05580A	Q	N.BLVD WB TO 678I SB	VACANT LAND	-	AR	16	STATE	10/3/2002	5.571	GOOD	8600	\$12,384,000.00	
249350	R	NELSON AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	1	CITY	6/2/2003	4.725	FAIR	300	\$432,000.00	_
067150 249430	B	NEREID AVE (2241880)	BRONX RIVER PKWY	M	0	10 2	STATE	7/26/2003 10/18/2003	4.211	FAIR	57750	\$83,160,000.00	
249430	K	NEW DORP LANE NEW UTRECHT AVE	SIRT SOUTH SHORE	N	0	2 1	STATE STATE	7/12/2002	4.903	VGOOD	7600 2400	\$10,944,000.00 \$3,456,000.00	_
243000	K	NEWKIRK AVE	BMT SUBWAY, BRIGHTON	T	0	3	STATE	7/16/2002	4.662	FAIR	4100	\$5,904,000.00	-
					wмo	-	STATE	7/18/2003	6.613	VGOOD	5772	, ,	0

BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	BY FEATU SPANS	JRE CARRIE RATING SOURCE	D INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
2240440	Q	NORTHERN BLVD	ALLEY CREEK		wo	2	STATE	6/10/2002	5.000	GOOD	8300	\$11,952,000.00	
2231870 2055802	Q	NORTHERN BLVD NORTHERN BLVD E.B.	BCIP FLUSHING RIVER		A WO	2 40	STATE STATE	9/3/2002 9/18/2002	6.569 4.507	VGOOD	8951 78894	\$12,816,000.00	_
2055802	Q	NORTHERN BLVD E.B.	FLUSHING RIVER	-	WO	40	STATE	9/18/2002	4.817	FAIR	71900	\$113,607,360.00 \$103,536,000.00	_
2243500	ĸ	NOSTRAND AVE	LIRR BAY RIDGE	N	0	2	STATE	7/11/2002	5.186	GOOD	4320	\$6,220,800.00	
2240138	BM	NYCTA IRT	HARLEM RVR/BROADWAY	Т	WMO	3	STATE	10/24/2003	4.882	FAIR	38100	\$54,864,000.00) 12
2243480	K	OCEAN AVE	LIRR BAY RIDGE	N	0	2	STATE	7/3/2002	4.860	FAIR	5000	\$7,200,000.00	
2240320	K	OCEAN AVE PED BRDG	SHEEPSHEAD BAY	N	WO-PED	30	CITY	5/2/2003	4.070	FAIR	4000	\$5,760,000.00	_
2243439 2249269	R	OCEAN PKWY PAGE AVE	LIRR BAY RIDGE SIRT SOUTH SHORE	S	0	1	STATE STATE	6/28/2002 10/16/2003	4.959 6.306	FAIR VGOOD	7000 30420	\$10,080,000.00 \$43,804,800.00	
2245209	M	PARK AVE N.B	E 45TH ST	3	0 0	1	STATE	9/17/2003	4.865	FAIR	2400	\$3,456,000.00	_
2245460	M	PARK AVE S.B.	E 45TH ST		0	1	STATE	8/29/2003	4.946	FAIR	2400	\$3,456,000.00	_
2246550	М	PARK AVE VIADUCT	E 42ND ST		0	10	STATE	10/29/2003	4.716	FAIR	19600	\$28,224,000.00	0 6
2247600	Q	PARK LANE SOUTH	LIRR MONTAUK DIV	AL	0	1	STATE	7/31/2002	7.000	VGOOD	3024	\$8,496,000.00	
2242099	B	PARK ROAD (204TH ST)	BRONX RIVER		WO	1	STATE	8/28/2002	4.172	FAIR	4700	\$6,768,000.00	
224001A	M	PARK ROW TO BKLN	WILLIAM ST N.B.	-	OE	3	STATE	4/22/2003	4.389	FAIR	8685	\$12,506,400.00	_
2243020 2247060	K Q	PARKSIDE AVE PARSONS BLVD	BMT SUBWAY, BRIGHTON LIRR N SIDE DIV	L	0	6	STATE STATE	7/10/2002 8/2/2002	4.217 5.451	FAIR GOOD	48700 4200	\$70,128,000.00 \$6,048,000.00	
2247000 224001C	M	PEARL ST TO BKLN	LAND ADJ TO BRDG	-	OE	12	STATE	4/28/2003	3.712	FAIR	6489	\$9,344,160.00	_
224001F	M	PEARL ST TO FDR DR	LAND ADJ TO BRDG		OE	3	STATE	5/14/2003	5.310	GOOD	5200	\$7,488,000.00	_
2246090	М	PED BRDG OPP 65 ST	TRANSVERSE RD #1		O-PED	1	CITY	6/21/2003	4.483	FAIR	2300	\$3,312,000.00	0 64
2247630	Q	PED BRG NEAR UNION TPK	ABANDONED LIRR		O-PED	8	CITY	8/6/2003	5.154	GOOD	900	\$1,296,000.00	
2246440	M	PED IN CTR OF PK	TRANSVERSE RD NO.2		O-PED	1	CITY	10/4/2003	4.655	FAIR	5900	\$8,496,000.00	-
2246620 2246030	M	PEDESTRIAN BRIDGE PEDESTRIAN BRIDGE	E 128TH ST POND		O-PED O-PED	18 1	CITY	04/24/02 7/28/2003	4.717 4.448	FAIR FAIR	2300 1400	\$3,312,000.00	
2246030 M00001	M	PEDESTRIAN BRIDGE	BROADWAY TO	-	O-PED O-PED	1	CITY	10/25/02	4.448	FAIR	2000	\$2,016,000.00	
2231519	K	PENNSYLVANIA AVE	BSHP		A	2	STATE	5/7/2003	6.194	VGOOD	6191	\$8,915,040.00	_
2243870	ĸ	PITKIN AVE	LIRR BAY RIDGE	N	Õ	3	STATE	7/18/2002	4.294	FAIR	5600	\$8,064,000.00	
2243210	к	PRESIDENT ST	FRANKLIN SHUTTLE	т	0	2	STATE	6/26/2002	5.162	GOOD	2500	\$3,600,000.00) 9
2232167	М	PROMENADE OVER FDR	FDR/E79TH ST-E91ST ST		A-PED	53	STATE	7/28/2003	3.571	FAIR	93000	\$133,920,000.00	_
2244010	ĸ	PROSPECT PK E DRIVE	ENDALE ARCH E DRIVE		0	1	CITY	05/07/02	4.367	FAIR	900	\$1,296,000.00	_
2268760	M	PS-5 PEDESTRIAN BR.	TENTH AVENUE		O-PED	5	CITY	6/3/2003	5.837	GOOD	1500	\$2,160,000.00	
2240639 2230530	KQ Q	PULASKI BRIDGE	NEWTOWN CREEK		WMO	48 2	STATE STATE	6/11/2002	5.211	GOOD FAIR	205770 23500	\$296,308,800.00	-
2230530	Q	QUEENS BLVD QUEENS BLVD	278I (B.Q.E.) ACCESS RD BQE S.B.		A	1	STATE	8/23/2002 7/24/2002	4.681 4.205	FAIR	7900	\$33,840,000.00 \$11,376,000.00	_
2247310	Q	QUEENS BLVD	AMTRAK & LIRR YARD	L	ô	19	STATE	12/10/2002	6.465	VGOOD	92400	\$133,056,000.00	_
2230209	Q	QUEENS BLVD	JACKIE ROBINSON PKWY	Т	A	5	STATE	6/18/2002	4.698	FAIR	90000	\$129,600,000.00	_
2240047	MQ	QUEENSBORO	EAST RIVER	L	WEO	53	STATE	1/23/2003	4.514	FAIR	626900	\$902,736,000.00	_
2240048	MQ	BRIDGE(LL) QUEENSBORO	EAST RIVER-LL		WEO	37	STATE	1/23/2003	4.547	FAIR	322300	\$464,112,000.00	0 6
222933A	M		W 125 ST		AR	9	STATE	7/11/2002	4.746	FAIR	12900	\$19 E76 000 00) 9
222933A 223201D	M	RAMP FROM S.B. HHP RAMP TO N.B. FDR DRIVE	W 135 ST FDR & SOUTH ST.		AR	22	STATE STATE	7/11/2002 6/10/2002	5.492	GOOD	12900	\$18,576,000.00 \$22,788,000.00	_
222934A	M	RAMP TO N.B. HHP	AMTRAK WEST SIDE	Α	AR	26	STATE	9/24/2002	3.667	FAIR	10800	\$15,552,000.00	_
222933B	M	RAMP TO N.B. HHP	W 135 ST		AR	14	STATE	3/29/2002	4.423	FAIR	14400	\$20,736,000.00	
2249270	R	RICHMMD VALLY ROAD	SIRT SOUTH SHORE	S	0	4	STATE	10/14/2003	5.299	GOOD	9300	\$13,392,000.00	
2240350	R	RICHMOND AVE	RICHMOND CREEK		wo	3	STATE	7/30/2003	6.153	VGOOD	32589	\$46,928,160.00	_
2244150	K	RIDGE BLVD	SHORE RD DRIVE		0	1	STATE	5/28/2003	6.867	VGOOD	4350	\$10,080,000.00	-
2240660	Q	RIKERS ISLAND BRIDGE	RIKERS ISL CHANNEL		wo	56	STATE	8/29/2003	4.423	FAIR	183100	\$263,664,000.00	
2241430 2229510	B	RIVER AVE RIVERDALE AVE	METRO NORTH RR HUD HHP	M	O A	1 2	STATE	6/19/2003 8/19/2003	6.578 4.053	VGOOD FAIR	5040 5200	\$7,257,600.00	_
2229510	M	RIVERSIDE DRIVE	W 125TH ST & OTHERS		0	27	STATE STATE	6/25/2003	4.055	FAIR	148300	\$7,488,000.00 \$213,552,000.00	_
2246980	M	RIVERSIDE DRIVE	W 138TH ST		0	1	STATE	4/23/2002	4.900	FAIR	6700	\$9,648,000.00	
2267130	M	RIVERSIDE DRIVE	W 145TH ST		0	1	STATE	6/11/2003	4.867	FAIR	5800	\$8,352,000.00	_
2246720	М	RIVERSIDE DRIVE	W 158TH ST		0	77	STATE	11/19/2003	3.542	FAIR	181400	\$261,216,000.00	
2246970	М	RIVERSIDE DRIVE	W 96TH ST		0	3	STATE	6/9/2003	5.618	GOOD	10600	\$15,264,000.00) 7
2248369	Q	ROCKAWAY BLVD	THURSTON BASIN		wo	2	STATE	6/25/2003	5.158	GOOD	6000	\$8,640,000.00	
2230587	Q	ROOSEVELT AVE	278I (B.Q.E.)		A	2	STATE	3/28/2002	4.647	FAIR	6600	\$9,504,000.00	
2240507	Q	ROOSEVELT AVE	678I - VAN WYCK EXPWY	-	WA	27	STATE	11/13/2002	3.380	FAIR	84424	\$121,570,560.00	
2247380 2267160	Q	ROOSEVELT AVE ROOSEVELT AVE	CONRAIL HELLGATE FLUSHING MDW PK ROAD	C	0	2 4	STATE STATE	9/23/2002 5/23/2003	5.042 4.746	GOOD FAIR	5200 7280	\$7,488,000.00 \$10,483,200.00	
2240640	MQ	ROOSEVELT AVE	E. RIVER E. CHANNEL		WMO	8	STATE	6/14/2002	4.746	FAIR	36500	\$10,483,200.00	_
2249420	R	ROSE AVE	SIRT SOUTH SHORE	S	0	2	STATE	10/25/2002	5.712	GOOD	3800	\$5,472,000.00	_
2249410	R	ROSS AVE	SIRT SOUTH SHORE	S	0	2	STATE	10/24/2003	5.500	GOOD	3800	\$5,472,000.00	_
2248200	Q	RUST ST	FLUSHING AVE		0	1	STATE	5/12/2003	5.547	GOOD	2900	\$4,176,000.00	_
2231560	Q	S CONDUIT BLVD	BSOP		Α	2	STATE	5/15/2002	5.690	GOOD	15776	\$22,717,440.00	
2242210	B	S OF ALLERTON AVE	BRONX RIVER		wo	3	STATE	5/17/2002	4.763	FAIR	6200	\$8,928,000.00	
2230370	K	SACKETT ST	278I (B.Q.E.)		A	2	STATE	4/9/2002	4.642	FAIR	5000	\$7,200,000.00	-
226771D		SB HHP RAMP TO 79 ST	79 ST BT BASIN GAR		AR	4	STATE	5/29/2003	4.645	FAIR	2601	\$3,745,440.00	
2244470 2249290	K R	SEELEY ST SEGUINE AVE	PROSPECT AVE SIRT SOUTH SHORE	S	0	1	STATE	7/10/2003 10/15/2003	4.100 6.016	FAIR VGOOD	7700 2200	\$11,088,000.00 \$3,168,000.00	
2249290	Q	SEGUINE AVE SERVICE RD TURNAROUND	OVER FLUSHING AVE	3	0	1	STATE	5/12/2003	5.250	GOOD	2200	\$4,176,000.00	_
2241390	в	SHORE RD CIRCLE	AMTRAK	Α	0	2	STATE	11/7/2003	3.254	FAIR	4800	\$6,912,000.00	0 10
2240200	В	SHORE ROAD	HUTCHINSON RIVER		WMO	7	STATE	11/5/2002	4.597	FAIR	4800	\$120,000,000.00	
2249120	R	SIMONSON AVE	B&O RAILROAD	0	0	3	STATE	5/1/2003	6.111	VGOOD	5819	\$8,379,360.00	_
2249860	R	SLATER BLVD	NEW CREEK	-	wo	1	STATE	4/14/2003	5.959	GOOD	3500	\$5,040,000.00	
2249200	R	SOUTH AVE	B&O RAILROAD	0	0	3	STATE	9/29/2003	6.927	VGOOD	8322	\$14,544,000.00	-
2244440	K	SOUTH OF TILLARY ST		_	O-PED	1	CITY	5/5/2003	4.244	FAIR	6200	\$8,928,000.00	_
2242029 2242220	B	SOUTHERN BLVD SOUTHERN BLVD	BRONX PELHAM PKWY BRONX RIVER		O WO	2	STATE STATE	6/4/2002 4/23/2002	4.789 4.211	FAIR	12900 4800	\$18,576,000.00 \$6,912,000.00	
2242220	B	SOUTHERN BLVD	CONRAIL PT MORRIS	с	0	1	STATE	12/4/2002	4.211	FAIR	3900	\$5,616,000.00	
2231630	Q	SPRINGFIELD BLVD	BSOP	1	A	2	STATE	6/3/2002	4.682	FAIR	8500	\$12,240,000.00	
2268770	Q	SPRINGFIELD BLVD	EQUES. PATH (ABAND.)		ō	1	STATE	6/3/2003	4.778	FAIR	1470	\$2,116,800.00	_
2243180	ĸ	ST JOHNS PLACE	FRANKLIN SHUTTLE	т	0	1	STATE	12/4/2003	6.781	VGOOD	2200	\$3,168,000.00	
2241700	В	ST PAULS PL PED BRDG	METRO NORTH RR HAR	М	O-PED	2	CITY	08/29/02	6.296	VGOOD	600	\$864,000.00	-
2241060	B	ST. MARYS & CONCORD	CONRAIL PT MORRIS	С	0	1	STATE	11/7/2002	5.333	GOOD	4500	\$6,480,000.00	
2230610	Q	STEINWAY ST	278I E.B. (B.Q.E.)	1	Α	1	STATE	2/13/2002	4.028	FAIR	4200	\$6,048,000.00) 1

BIN	BORO	FEATURE CARRIED	IN FEATURE CROSSED	VENTOR RAIL ROAD	BRIDGE	BY FEATU SPANS	JRE CARRIE RATING SOURCE	D INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
2230600	Q	STEINWAY ST	278I W.B. (B.Q.E.)		A	1	STATE	2/14/2002	4.333	FAIR	4200	\$6,048,000.00	
2243170	ĸ	STERLING PLACE	FRANKLIN SHUTTLE	Т	0	1	STATE	12/5/2003	6.578	VGOOD	2300	\$3,312,000.00	_
223201C	M	STH ST RMP TO FDR	SOUTH ST		AR	8	STATE	4/2/2002	4.701	FAIR	39150	\$56,376,000.00	
223201B	M	STH ST RMP TO FDR S.B.	SOUTH ST		AR	10	STATE	3/7/2002	3.925	FAIR	44625	\$64,260,000.00	-
2240540 2230350	K	STILLWELL AVE	CONEY ISLAND CRK 278I (B.Q.E.)	-	WO A-PED	2	STATE STATE	6/17/2003 4/4/2002	6.292 4.714	VGOOD	17000 1400	\$24,480,000.00	
2230350	Q	SUMMIT ST PED BRDG SUNRISE HWY W.B.	BLP E.B.		A-PED A	1	STATE	4/23/2002	4.623	FAIR	4100	\$2,016,000.00 \$5,904,000.00	
2231650	Q	SUNRISE HWY W.B.	BLP W.B.		A	2	STATE	6/26/2002	4.531	FAIR	5350	\$7,704,000.00	_
2231800	Q	SUPERIOR ROAD	BCIP		A	2	STATE	5/7/2002	4.227	FAIR	7000	\$10,080,000.00	
2243890	K	SUTTER AVE	LIRR BAY RIDGE	N	0	3	STATE	8/4/2003	4.118	FAIR	5400	\$7,776,000.00	
2241040	В	THIRD AVE	CONRAIL PT MORRIS	С	0	1	STATE	11/6/2002	4.625	FAIR	2700	\$3,888,000.00	0 1
2240310	ĸ	THIRD AVE	GOWANUS CANAL		wo	1	STATE	7/2/2003	4.564	FAIR	3200	\$4,608,000.00	
2240069	BM	THIRD AVE BRIDGE	HARLEM RIVER		WMO	32	STATE	10/5/2003	3.236	FAIR	79950	\$115,128,000.00	
2240250	K	THIRD ST	GOWANUS CANAL		WMO	5	STATE	6/27/2003	4.958	FAIR	4900	\$15,000,000.00	
2247300	QB	THOMPSON AVE		L	0	14	STATE	12/13/2002	5.333	GOOD	61280	\$88,243,200.00	
2241170 224004H	Q	TIFFANY ST TO 21ST ST FROM NY	AMTRAK 22ND ST	A	O OE	1 34	STATE STATE	11/4/2003 12/5/2002	5.843 4.655	GOOD	7267 48100	\$10,464,480.00 \$69,264,000.00	
224004IT	M	TO BKLN FRM FDR	FRANKFRT & CITY		OE	34	STATE	4/24/2002	4.037	FAIR	51400	\$74,016,000.00	_
224005B	B	TO BRUCKNER BLVD	RELIEF		OR	5	STATE	8/4/2003	4.000	FAIR	12100	\$17,424,000.00	_
224006A	В	TO BRUCKNER BLVD	RELIEF		OR	11	STATE	4/22/2003	2.966	POOR	11100	\$15,984,000.00	
224004B	м	TO E 60TH ST FROM QNS	FIRST AVE		OE	13	STATE	11/26/2002	5.792	GOOD	14800	\$21,312,000.00	
224004C	м	TO E 62ND ST FROM QNS	E 60TH ST		OE	10	STATE	11/27/2002	4.985	FAIR	16720	\$24,076,800.00	
224001D	М	TO FDR DR N.B.	PEARL STREET		OE	30	STATE	5/14/2003	5.208	GOOD	49600	\$71,424,000.00	0 1
2245480	м		RIVERSIDE DRIVE		0	1	STATE	9/3/2002	5.333	GOOD	10800	\$15,552,000.00	
224007A	м	TO MADISON AVENUE	RELIEF		OR	9	STATE	8/6/2002	5.704	GOOD	22600	\$32,544,000.00	
224004E	Q	TO NY FR THOMSON AVE	JACKSON AVE		OE	64	STATE	12/14/2002	4.906	FAIR	104600	\$150,624,000.00	_
224004G	Q	TO NY FROM 11TH ST	TERRAIN (CHAMBER)		OE	36	STATE	10/30/2002	4.634	FAIR	8360	\$12,038,400.00	
224004F	Q	TO NY FROM 21ST ST	21ST ST (QUEENS)		OE	63	STATE	11/20/2002	4.652	FAIR	63310	\$91,166,400.00	
224001G	M	TO PARK ROW	ROSE ST		OE	11 3	STATE	5/6/2003	4.736	FAIR	16551	\$23,833,440.00	-
224001E 224004A	M	TO PEARL ST TO QNS FRM E 59TH ST	LAND ADJ TO BRDG FIRST AVE		OE OE	3 13	STATE STATE	5/12/2003 11/25/2002	5.225 5.789	GOOD	5300 14800	\$7,632,000.00 \$21,312,000.00	
224004A	M	TO QNS FROM E 58TH ST	E 59TH ST		OE	13	STATE	11/22/2002	4.585	FAIR	11781	\$16,964,640.00	_
2240040	Q	TO THOMSON AVE FROM	JACKSON AVE	1	OE	38	STATE	11/12/2002	5.246	GOOD	59100	\$85,104,000.00	_
		NY											
2249040	R	TOMPKINS AVE	B&O RR (ABANDONED)		0	1	STATE	4/9/2002	6.438	VGOOD	5096	\$7,338,240.00	
2249840	R	TOMPKINS AVE	GREENFIELD AVE		0	1	STATE	4/15/2002	5.277	GOOD	2562	\$3,689,280.00	
2249510	R	TOMPKINS AVE	WILLOW AVE, SIRT	S	0	2	STATE	6/20/2002	5.525	GOOD	5378	\$7,744,320.00	-
2249230	R	TRACY AVE PED BRDG	SIRT SOUTH SHORE	S	O-PED	9	CITY	5/1/2003	3.158	FAIR	200	\$288,000.00	
2246410	M	TRANSVERSE RD. #1	PED WALK NEAR 5 AV		0	1	STATE	3/15/2002	4.364	FAIR	2000	\$2,880,000.00	-
2249870 2246560	R	TRAVIS AVE TUDOR CITY PLACE	MAIN CREEK E 42ND ST		wo o	1	STATE	8/5/2003	6.100 5.056	VGOOD GOOD	1700 6600	\$2,448,000.00	
2246560	R	UNION AVE	B&O RAILROAD	0	0	4	STATE	4/25/2002 5/8/2003	5.352	GOOD	6500	\$9,504,000.00 \$9,360,000.00	
2230360	K	UNION ST	278I (B.Q.E.)	0	A	2	STATE	4/5/2003	4.540	FAIR	5000	\$7,200,000.00	
2243200	ĸ	UNION ST	FRANKLIN SHUTTLE	т	õ	2	STATE	6/25/2002	5.048	GOOD	4100	\$5,904,000.00	
2240270	ĸ	UNION ST	GOWANUS CANAL	· ·	WMO	5	STATE	6/25/2002	4.236	FAIR	4900	\$15,000,000.00	_
2247040	Q	UNION ST	LIRR N SIDE DIV	L	0	1	STATE	6/11/2003	6.391	VGOOD	3313	\$4,770,720.00	
2231850	Q	UNION TPKE	BCIP		Α	2	STATE	7/30/2003	4.318	FAIR	13600	\$19,584,000.00	0 13
2248129	Q	UNION TPKE	CREEDMOORE HOSP RD		0	1	STATE	5/9/2003	4.867	FAIR	3500	\$5,040,000.00	
2230180	Q	UNION TPKE	JACKIE ROBINSON PKWY		A	1	STATE	4/9/2002	5.984	GOOD	5359	\$7,716,960.00	_
2241330	B	UNIONPORT ROAD	AMTRAK	Α	0	1	STATE	6/19/2002	4.875	FAIR	4400	\$6,336,000.00	
2246570	M	UNITED NATIONS PL	FIRST AVE TUNNEL		ОТ	2	STATE	10/31/2002	5.000	GOOD	92200	\$132,768,000.00	
2231910	Q B	UTOPIA PKWY VAN CRTLDT EQUES	BCIP		A	2	STATE	3/14/2002	5.136	GOOD	7200	\$10,368,000.00	_
2229550 2229540	В	VAN CRTLDT EQUES	HHP		A-PED A-PED	2	CITY	9/30/2003 9/30/2003	5.000 4.742	GOOD FAIR	2100 3900	\$3,024,000.00 \$5,616,000.00	
2249130	R	VAN NAME AVE	B&O RAILROAD	0	0	3	STATE	4/10/2003	5.492	GOOD	5474	\$7,882,560.00	-
2249140	R	VAN PELT AVE	B&O RAILROAD	ŏ	0 0	3	STATE	4/16/2003	5.780	GOOD	5000	\$7,200,000.00	
2246670	M	W 134 ST VIADUCT	RIVERSIDE DRIVE	-	0 0	3	STATE	6/27/2003	4.852	FAIR	7927	\$11,414,880.00	
2245230	M	W 148TH ST PED BRDG	AMTRAK 30 ST BRANCH	Α	O-PED	3	CITY	09/07/01	3.692	FAIR	1100	\$1,584,000.00	_
2246710	M	W 153 ST	A.C. POWELL BLVD		0	1	STATE	4/10/2002	4.389	FAIR	3082	\$4,438,080.00	_
2245290	м	W 155TH ST PED BRDG	AMTRAK 30 ST BRANCH	Α	O-PED	3	CITY	09/09/02	3.646	FAIR	800	\$1,152,000.00	
2245250	м	W 158TH ST	AMTRAK 30 ST BRANCH	Α	0	7	STATE	11/14/2003	6.431	VGOOD	29170	\$42,004,800.00	
2245260	M	W 173RD ST PED BRDG	AMTRAK 30 ST BRANCH	Α	O-PED	2	CITY	10/15/02	4.657	FAIR	1500	\$2,160,000.00	_
2246600	M	W 176TH ST PED BRDG	APPROACH TO G.W.B.		O-PED	1	CITY	3/21/2003	4.517	FAIR	1200	\$1,728,000.00	
2246489	M	W 181 ST	RAMP TO WASH BR		0	1	STATE	3/28/2002	4.633	FAIR	8200	\$11,808,000.00	-
2229400 2241940	B	W 181ST ST PED BRDG W 205TH ST	HHP N.B.	т	A-PED	6	CITY	2/5/2003	4.652	FAIR VGOOD	1500	\$2,160,000.00	_
2241940	BM	W 205TH ST W 207TH/W FORDHAM RD	NYCTA IND YARDS HARLEM RIVER	+	O WMO	4 5	STATE	7/20/2002 5/21/2002	6.889 5.667	GOOD	32508 29682	\$54,432,000.00 \$42,742,080.00	_
2240120	В	W 225TH ST	CONRAIL PUTNAM	с	0	2	STATE	7/10/2002	5.433	GOOD	10900	\$42,742,080.00	-
2241409	B	W 230TH ST	CONRAIL PUTNAM	C	0	1	STATE	4/8/2003	5.844	GOOD	5600	\$8,064,000.00	
2241509	B	W 231ST ST	CONRAIL PUTNAM	c	0	1	STATE	11/11/2002	5.765	GOOD	4723	\$6,801,120.00	-
2241510	B	W 233RD ST	CONRAIL PUTNAM	C	Ő	1	STATE	4/11/2003	5.471	GOOD	3760	\$5,414,400.00	
2241520	В	W 234TH ST	CONRAIL PUTNAM	С	0	1	STATE	4/9/2003	5.569	GOOD	3770	\$5,428,800.00	_
226672A	м	W 31ST ST	AMTRAK LAYUP TRACKS	Α	0	9	STATE	7/22/2002	3.587	FAIR	8800	\$12,672,000.00	
224501B	м	W 33RD ST	AMTRAK 30 ST BRANCH	Α	0	8	STATE	6/28/2002	4.347	FAIR	16500	\$23,760,000.00	-
224501C	M	W 33RD ST	LAND ADJ TO AMTRAK	A	0	2	STATE	6/3/2003	4.750	FAIR	4620	\$6,652,800.00	
224501D	M	W 34TH ST	AMTRAK 30 ST BRANCH	A	0	4	STATE	6/5/2003	4.653	FAIR	11800	\$16,992,000.00	
224501E	M	W 35TH ST	AMTRAK 30 ST BRANCH	A	0	3	STATE	6/25/2002	4.347	FAIR	6500	\$9,360,000.00	-
224501F 2245060	M	W 36TH ST W 37TH ST	AMTRAK 30 ST BRANCH AMTRAK 30 ST BRANCH	A	0	7	STATE STATE	6/26/2002 10/28/2003	4.090 5.984	FAIR GOOD	16400 7600	\$23,616,000.00 \$10,944,000.00	
2245060	M	W 38TH ST	AMTRAK 30 ST BRANCH	A	0	2	STATE	6/26/2002	5.964 4.077	FAIR	6200	\$10,944,000.00	-
2245070	M	W 39TH ST	AMTRAK 30 ST BRANCH	A	0	3	STATE	6/26/2002	4.077	FAIR	6300	\$9,072,000.00	
2245440	M	W 40TH ST	AMTRAK 30 ST BRANCH	Â	0	4	STATE	12/14/2003	3.956	FAIR	9400	\$13,536,000.00	
2245330	M	W 41ST ST	AMTRAK 30 ST BRANCH	A	0	3	STATE	7/22/2002	4.159	FAIR	6200	\$8,928,000.00	
2245210	м	W 42ND ST	AMTRAK 30 ST BRANCH	Α	0	4	STATE	7/22/2002	4.429	FAIR	10300	\$14,832,000.00	
2245090	м	W 43RD ST	AMTRAK 30 ST BRANCH	Α	0	2	STATE	5/20/2002	4.765	FAIR	4100	\$5,904,000.00	
2245100	м	W 44TH ST	AMTRAK 30 ST BRANCH	Α	0	2	STATE	5/20/2002	4.662	FAIR	4300	\$6,192,000.00	
		W 45TH ST	AMTRAK 30 ST BRANCH	A	0	2	STATE	5/21/2002	4.632	FAIR	4100	\$5,904,000.00	0 4
2245110	M									1			
	M	W 46TH ST W 46TH ST W 47TH ST	AMTRAK 30 ST BRANCH AMTRAK 30 ST BRANCH	A	0	2	STATE	6/5/2002 5/28/2002	4.559 4.721	FAIR FAIR	4100 4100	\$5,904,000.00 \$5,904,000.00	0 4

			I	NVENTOR	Y SORTED	BY FEATU	JRE CARRIE	D					
BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	RAIL ROAD	BRIDGE TYPE	SPANS	RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
2245140	M	W 48TH ST	AMTRAK 30 ST BRANCH	Α	0	2	STATE	5/29/2002	4.735	FAIR	4100	\$5,904,000.00	4
2245150	М	W 49TH ST	AMTRAK 30 ST BRANCH	Α	0	3	STATE	6/5/2002	4.574	FAIR	4100	\$5,904,000.00	4
2245340	М	W 50TH ST	AMTRAK 30 ST BRANCH	Α	0	2	STATE	5/30/2002	4.647	FAIR	4100	\$5,904,000.00	4
2245160	M	W 51ST ST	AMTRAK 30 ST BRANCH	Α	0	2	STATE	5/30/2002	4.794	FAIR	4300	\$6,192,000.00	4
2245170	M	W 52ND ST	AMTRAK 30 ST BRANCH	A	0	2	STATE	5/29/2002	5.074	GOOD	4300	\$6,192,000.00	4
2245180	M	W 53RD ST	AMTRAK 30 ST BRANCH	Α	0	2	STATE	5/29/2002	5.338	GOOD	5100	\$7,344,000.00	
2245350	M	W 54TH ST	AMTRAK 30 ST BRANCH	A	0	2	STATE	6/3/2002	5.603	GOOD	4700	\$6,768,000.00	
2245360	Μ	W 55TH ST	AMTRAK 30 ST BRANCH	A	0	2	STATE	6/3/2002	5.529	GOOD	4300	\$6,192,000.00	
2245370	M	W 56TH ST	AMTRAK 30 ST BRANCH	A	0	2	STATE	6/3/2002	5.368	GOOD	4400	\$6,336,000.00	
2245220	M	W 57TH ST	AMTRAK 30 ST BRANCH	A	0	3	STATE	6/17/2002	4.838	FAIR	9100	\$13,104,000.00	
2245190	M	W 58TH ST	AMTRAK 30 ST BRANCH	Α	0	2	STATE	6/6/2002	4.588	FAIR	4100	\$5,904,000.00	
2245420	M	W 65TH ST E.B.	BRIDLE PATH W END	•	0	1	STATE	4/1/2002	4.864	FAIR	1600	\$2,304,000.00	
2229290 2231860	M Q	W 79 ST W ALLEY ROAD	AMTRAK	A	A	1 2	STATE STATE	9/26/2002 9/26/2003	4.424 5.568	FAIR GOOD	4500 7200	\$6,480,000.00 \$10,368,000.00	
2231860	K	W DR OV WK-MA.ENT	MEADOWPORT ARCH		0	1	STATE	4/7/2003	5.568	GOOD	2500	\$3,600,000.00	
2244020	B	W FORDHAM RD	METRO NORTH RR HUD	м	0	5	STATE	7/8/2003	6.278	VGOOD	16052	\$23,114,880.00	
2241460	В	W TREMONT AVE	METRO NORTH RR HUD	M	0	8	STATE	9/9/2002	4.761	FAIR	12900	\$18,576,000.00	
2269260	ĸ	W. 8TH STREET	SURF AVE.		O-PED	55	CITY	4/1/2002	4.000	FAIR	14742	\$21,228,480.00	-
2269210	M	W.68TH STREET	AMTRAK	Α	0	3	STATE	11/21/2003	6.746	VGOOD	5382	\$7,702,560.00	
2269190	M	W.70TH STREET	AMTRAK	A	0	3	STATE	11/3/2003	6.583	VGOOD	17433	\$25,103,520.00	-
2241070	в	WALES AVE	CONRAIL PT MORRIS	С	0	1	STATE	11/11/2002	6.567	VGOOD	2535	\$3,312,000.00	
2241410	В	WALTON AVE	METRO NORTH RR HUD	м	0	1	STATE	3/21/2002	5.234	GOOD	3600	\$5,184,000.00	4
2240620	м	WARDS ISLAND PED BRDG	HARLEM RIVER		WMO- PED	10	CITY	7/29/2003	4.049	FAIR	12600	\$18,144,000.00	11
2243250	ĸ	WASHINGTON AVE	FRANKLIN SHUTTLE	Т	0	1	STATE	6/28/2002	6.422	VGOOD	3657	\$9,360,000.00	9
2066919	BM	WASHINGTON BRIDGE	HARLEM RIVER		wo	9	STATE	10/15/2002	4.881	FAIR	128339	\$184,808,160.00	12
2246080	M	WEST DRIVE	BRIDLE PATH @ 64TH ST		0	1	STATE	4/2/2002	4.667	FAIR	2000	\$2,880,000.00	64
2246330	M	WEST DRIVE	FEEDER TO LAKE		wo	1	STATE	3/4/2002	5.000	GOOD	6700	\$9,648,000.00	
2246000	M	WEST DRIVE	PED BET 61ST & 62ST		0	1	STATE	3/14/2002	5.267	GOOD	2500	\$3,600,000.00	-
2246430	M	WEST DRIVE	PED OPP 109TH ST		0	1	STATE	3/8/2002	4.183	FAIR	1200	\$1,728,000.00	
2246360	M	WEST DRIVE	PED WALK OPP 82 ST		0	1	STATE	3/5/2002	6.136	VGOOD	3100	\$4,464,000.00	
2246120	M	WEST DRIVE	TRANSVERSE RD #1		0	1	STATE	5/19/2002	4.833	FAIR	7900	\$11,376,000.00	
2246240	M	WEST DRIVE	TRANSVERSE RD #2		0	1	STATE	6/2/2002	4.167	FAIR	7200	\$10,368,000.00	
2246260 2246280	M	WEST DRIVE	TRANSVERSE RD #3		0	1	STATE	4/21/2002	4.800	FAIR	5100	\$7,344,000.00	
2246280	M	WEST DRIVE WEST STREET	TRANSVERSE RD #4 RECTOR ST		AT	1	STATE STATE	6/8/2002 10/14/2003	4.133 5.033	FAIR GOOD	4700 4320	\$6,768,000.00	
2267380	B	WEST STREET	AMTRAK	Α	0	3	STATE	6/26/2002	6.250	VGOOD	4320	\$6,220,800.00 \$22,464,000.00	
2241230	B	WESTCHESTER AVE	BRONX RIVER	~	wo	1	STATE	6/11/2003	5.141	GOOD	5476	\$7,885,440.00	
2241000	B	WESTCHESTER AVE	CONRAIL PT MORRIS	с	0	1	STATE	11/4/2002	5.085	GOOD	1740	\$2,505,600.00	
2075837	B	WESTCHESTER AVE	HUTCHINSON RVR PKWY	-	Ă	2	STATE	6/28/2002	4.389	FAIR	15858	\$22,835,520.00	-
2241329	B	WHITE PLAINS ROAD	AMTRAK	Α	0	1	STATE	6/18/2002	4.953	FAIR	6900	\$9,936,000.00	
2248020	Q	WHITELAW PED BRDG	CONDUIT AVE		O-PED	7	CITY	4/24/2003	4.775	FAIR	5500	\$7,920,000.00	
1065210	Q	WHITESTONE EXP NB	BCIP (2065210)		Α	1	STATE	8/14/2002	4.683	FAIR	2500	\$3,600,000.00	
2241369	В	WILLIAMSBRIDGE RD	AMTRAK	Α	0	2	STATE	6/20/2002	4.836	FAIR	10400	\$14,976,000.00	11
2240039	KM	WILLIAMSBURG BRIDGE	EAST RIVER	Т	WEO	72	STATE	8/28/2002	4.556	FAIR	741000	\$1,067,040,000.00	3
2240059	BM	WILLIS AVENUE	HARLEM RIVER		WMO	26	STATE	10/29/2003	3.083	FAIR	94700	\$136,368,000.00	11
2266139	Q	WINCHESTER BLVD N.B.	BCIP		Α	1	STATE	5/24/2002	4.714	FAIR	6400	\$9,216,000.00	11
2266129	Q	WINCHESTER BLVD S.B.	BCIP		Α	1	STATE	5/24/2002	4.592	FAIR	4400	\$6,336,000.00	
2248019	Q	WOODHAVEN BLVD	ATLANTIC AVE		0	3	STATE	7/15/2002	4.472	FAIR	19400	\$27,936,000.00	
2248159	Q	WOODHAVEN BLVD	QUEENS BLVD	_	0	2	STATE	6/18/2002	4.308	FAIR	11500	\$16,560,000.00	
2230540	Q	WOODSIDE AVE	278I (B.Q.E.)		Α	1	STATE	1/21/2002	5.141	GOOD	7500	\$10,800,000.00	
2247400	Q	WOODSIDE AVE	CONRAIL	C	0	1	STATE	8/7/2003	5.067	GOOD	8200	\$11,808,000.00	
2247120	Q	WOODSIDE AVE	LIRR MAIN LINE	L	0	3	STATE	7/19/2003	4.444	FAIR	14900	\$21,456,000.00	
2242200	B	YANKEE STOM PED BRDG	E 153 ST, METRO NORTH	M	O-PED	5	CITY	09/03/02	5.000	GOOD	4200	\$6,048,000.00	-
753 BRID	GES					4496	SPANS				14229757	\$20,637,971,040	

		PARKS	DEPARTMENT BRIDGES CURREN	ITLY IN THE NYC	DOT BRID	GE INVENT	ORY	SORTE	ED BY B.I.N.			
BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	BRIDGE TYPE	SPANS	RATING SOURCE	INSPECTION DATE	RATING	VERBAL RATING	DECK AREA	REPLACEMENT COST	CD
2232029	M	CORLEARS PARK ROAD	FDR DRIVE	A	4	STATE	03/27/02	4.125	FAIR	4100	\$5,904,000.00	3
2232167	M	PROMENADE OVER FDR	FDR/E79TH ST-E91ST ST	A-PED	53	STATE	11/12/01	3.285	FAIR	93000	\$133,920,000.00	8
2242100	в	BOTANICAL GARDEN ROAD	TWIN LAKES	O-PED	1	STATE	05/17/02	4.966	FAIR	2200	\$3,168,000.00	27
2244010	к	PROSPECT PK E DRIVE	ENDALE ARCH E DRIVE	0	1	CITY	05/07/02	4.367	FAIR	900	\$1,296,000.00	
2244030	K	EAST DRIVE	BRIDLE PATH	0	1	STATE	04/25/01	5.183	GOOD	2000	\$2,880,000,00	
2244040	K	EAST DRIVE	EAST WOOD ARCH	0	1	CITY	6/30/2003	4.200	FAIR	900	\$1,296,000.00	
2244050	К	CENTRAL DRIVE	PED PATH & STREAM	WO	3	STATE	04/27/01	5.315	GOOD	7400	\$10,656,000.00	
2244060	К	CLEFT RIDGE SPAN	PROSPECT PARK	0	1	CITY	6/10/2003	4.500	FAIR	900	\$1,296,000.00	
2244120	К	HILL DRIVE	PROSPECT PK LAKE	WO	3	STATE	05/01/01	3.636	FAIR	7800	\$11,232,000.00	55
2245040	M	FORT TRYON PARK	SOUTH OF CLOISTERS	0	1	CITY	7/15/2003	5.333	GOOD	750	\$1,080,000.00	
2245050	М	FORT TRYON PARK	UNDERPASS	0	1	CITY	7/15/2003	4.867	FAIR	750	\$1,080,000.00	
2245380	М	E 66TH ST	PED WALK N. OF ZOO	0	1	STATE	03/18/02	5.000	GOOD	1500	\$2,160,000.00	
2246000	M	WEST DRIVE	PED BET 61ST & 62ST	0	1	STATE	03/14/02	5.266	GOOD	2500	\$3,600,000.00	
2246030	М	PEDESTRIAN BRIDGE	POND	O-PED	1	CITY	7/28/2003	4.448	FAIR	1400	\$2,016,000.00	64
2246040	M	EAST DR AT CNTRL PARK	PEDESTRIAN WALK	0	1	CITY	06/20/03	5.000	GOOD	1200	\$1,728,000.00	
2246050	M	CENTRAL DRIVE	PED OPP 63RD ST	0	1	STATE	03/25/02	5.000	GOOD	2000	\$2,880,000.00	64
2246069	M	EAST DRIVE	PEDESTRIAN WALK	0	1	STATE	03/25/02	4.500	FAIR	2700	\$3,888,000.00	64
2246070	M	CPK UNDER CENTR DR	OPP 65TH ST-IN E&W	0	1	CITY	6/23/2003	5.733	GOOD	1200	\$1,728,000.00	
2246080	M	WEST DRIVE	BRIDLE PATH @ 64TH ST	0	1	STATE	04/02/02	4.666	FAIR	2000	\$2,880,000.00	64
2246090	M	PED BRDG OPP 65 ST	TRANSVERSE RD #1	O-PED	1	CITY	6/21/2003	4.483	FAIR	2300	\$3,312,000.00	64
2246100	M	CONTRAL DRIVE	TRANSVERSE RD #1	0	1	STATE	05/18/02	4.333	FAIR	6000	\$8,640,000.00	64
2246110	M	EAST DRIVE	TRANSVERSE RD #1	0	1	STATE	05/19/02	4.566	FAIR	6000	\$8,640,000.00	64
2246120	M	WEST DRIVE	TRANSVERSE RD #1	0	1	STATE	05/19/02	4.833	FAIR	7900	\$11,376,000.00	64
2246130	M	CENTRAL PARK	UNDER EAST DRIVE	0	1	CITY	6/20/2003	4.276	FAIR	1200	\$1,728,000.00	64
2246140	M	72ND ST ENT TO W DR	BRIDLE PATH	0	1	STATE	02/26/02	4.866	FAIR	3600	\$5,184,000.00	64
2246150	M	72ND ST CROSS DR	NEAR CONCERT GRNDS	0	3	STATE	03/06/02	4.941	FAIR	7300	\$10,512,000.00	64
2246170	M	EAST DRIVE	PED WALK @ 73RD ST	0	1	STATE	03/06/02	5.018	GOOD	1900	\$2,736,000.00	64
2246230	M	EAST DRIVE	TRANSVERSE RD #2	0	1	STATE	06/02/02	4.533	FAIR	6500	\$9,360,000.00	64
2246240	M	WEST DRIVE	TRANSVERSE RD #2	0	1	STATE	06/02/02	4.166	FAIR	7200	\$10,368,000.00	64
2246250	M	EAST DRIVE	TRANSVERSE RD #3	0	1	STATE	04/21/02	4.466	FAIR	5100	\$7,344,000.00	64
2246260	M	WEST DRIVE	TRANSVERSE RD #3	0	1	STATE	04/21/02	4.800	FAIR	5100	\$7,344,000.00	64
2246270	M	EAST DRIVE	TRANSVERSE RD #4	0	1	STATE	06/08/02	3.966	FAIR	7000	\$10,080,000.00	64
2246280	M	WEST DRIVE	TRANSVERSE RD #4	0	1	STATE	06/08/02	4.133	FAIR	4700	\$6,768,000.00	64
2246330	M	WEST DRIVE	FEEDER TO LAKE	WO	1	STATE	03/04/02	5.000	GOOD	6700	\$9,648,000.00	64
2246350	M	CNTRL PK OVER E DRIVE	S OF CLEOPATRAS NDL	0	1	CITY	6/23/2003	4.300	FAIR	750	\$1,080,000.00	64
2246360	M	WEST DRIVE	PED WALK OPP 82 ST	0	1	STATE	03/05/02	6.136	VGOOD	3100	\$4,464,000.00	64
2246400	M	E FOOTBRIDGE	TRANSVERSE RD #2	O-PED	1	CITY	10/4/2003	4.500	FAIR	3700	\$5,328,000.00	64
2246410	M	TRANSVERSE RD. #1	PED WALK NEAR 5 AV	0	1	STATE	03/15/02	4.363	FAIR	2000	\$2,880,000.00	8
2246430	M	WEST DRIVE	PED OPP 109TH ST	0	1	STATE	03/08/02	4.183	FAIR	1200	\$1,728,000.00	64
2246440	M	PED IN CTR OF PK	TRANSVERSE RD NO.2	O-PED	1	CITY	10/4/2003	4.655	FAIR	5900	\$8,496,000.00	64
2246450	M	79 ST ENTR TO E DR	PED PATH OPP 77TH ST	0	1	STATE	02/27/02	5.190	GOOD	5000	\$7,200,000.00	64
2246460	M	77 ST ENTR TO W DR	PED PATH OPP 77TH ST	0	2	STATE	03/07/02	4.789	FAIR	5800	\$8,352,000.00	64
2246470	M	EAST DRIVE	THE LOCH	WO	1	STATE	04/03/02	4.700	FAIR	1100	\$1,584,000.00	64
2249800	R	FOREST AVE	CLOVE LAKES PK STREAM	WO	1	STATE	10/01/01	4.766	FAIR	1600	\$2,304,000.00	1
2268350	K	BROOKLYN PROMENADE	278I N.B. (B.Q.E.)	A-PED	35	CITY	04/17/03	4.500	FAIR	46184	\$66,504,960.00	6

	STATEN ISLAND CULVERTS									
BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	BRIDGE TYPE	SPANS	SOURCE				
R00003	R	DELAFIELD AVE	RAYMOND PLACE	0	1	CITY				
R00004	R	DICKIE AVE	NEAR COLUMBUS PLACE	0	1	CITY				
R00005	R	BIDWELL AVE	COLUMBUS PLACE	0	1	CITY				
R00006	R	LIVERMORE AVE	WATCHOGUE ROAD	0	1	CITY				
R00010	R	GALLOWAY AVE	MARIANNE ST	0	1	CITY				
R00011	R	FOREST AVE	CRYSTAL AVE	0	1	CITY				
R00013	R	NAUGHTON AVE	PATTERSON AVE	0	3	CITY				
R00015	R	OLYMPIA BLVD	SLATER AVE	0	1	CITY				
R00016	R	GRAHAM BLVD	JAY ST	0	2	CITY				
R00021	R	HUNTER AVE	IDLEASE PLACE	0	1	CITY				
R00022	R	IDLEASE PLACE	HUNTER AVE	0	1	CITY				
R00023	R	MIDLAND AVE	HYLAN BLVD	0	1	CITY				
R00024	R	LINCOLN AVE	SANILAC ST	0	1	CITY				
R00025	R	GREELEY AVE	SANILAC ST	0	1	CITY				
R00027	R	ELEANOR ST	ROCKLAND AVE	0	1	CITY				
R00031	R	TARLTON ST	GREAT KILLS LANE	0	1	CITY				
R00032	R	SEGUINE AVE	PURDY PLACE	0	1	CITY				
R00034	R	ROCKLAND AVE	BRIELLE AVE	0	1	CITY				
R00035	R	BRADLEY AVE	WILLOWBROOK ROAD	0	1	CITY				
R00036	R	AMBOY ROAD	ARBUTUS AVE	0	1	CITY				
R00038	R	MAGUIRE AVE	DEPEW PLACE	0	1	CITY				
R00039	R	MAGUIRE AVE	DEPEW PLACE	0	1	CITY				
R00040	R	113 MAGUIRE AVE	DEPEW PLACE	0	1	CITY				
R00041	R	93 FOSTER ROAD	AMBOY ROAD	0	1	CITY				
R00042	R	LEDYARD PLACE		0	1	CITY				
R00042	R	REID AVE	HURBERT ST	0	1	CITY				
R00044	R	RICHMOND TERRACE	SNUG HARBOUR	0	2	CITY				
R00040	R	SIMONSON AVE	WALKER ST	0	1	CITY				
R00048	R	VAN NAME AVE	WALKER AVE	0	1	CITY				
R00040	R	VAN PELT AVE	WALKER ST	0	1	CITY				
R00050	R	UNION AVE	NETHERLAND AVE	0	1	CITY				
R00050	R	HARBOR ROAD	DUBLIN PLACE	0	1	CITY				
R00051	R	TRAVIS AVE	VICTORY BLVD	0	1	CITY				
R00055			WESTERN AVE	wo		CITY				
R00056	R R	RICHMOND TERR WESTERN AVE	RR BRIDGE	WO	1	CITY				
		SIGNS ROAD	VICTORY BLVD			CITY				
R00060	R	KISSEL AVE	SNUG HARBOR ROAD	0	1					
R00062	R			0	1	CITY				
R00065	R	HENDERSON AVE	WESTBURY AVE	0	1	CITY				
R00068	R	GREGG PLACE	RANDALL AVE	0	1	CITY CITY				
R00069	R									
R00076	R	ROOSEVELT AVE	HAROLD ST	0	1	CITY				
R00077	R			0	1	CITY				
R00078	R	WILLOW BROOK ROAD		0	1	CITY				
R00079	R			0	1	CITY				
R00084	R	ARTHUR KILL ROAD	MULDOON AVE	0	1	CITY				
R00085	R	ARTHUR KILL ROAD	150' N.W. ELLIS ROAD	0	1	CITY				
R00086	R	ARTHUR KILL ROAD	ENGLEWOOD ST	0	1	CITY				
R00095	R	MEISNER AVE	ROCKLAND AVE	0	1	CITY				
R00096	R	ROCKLAND AVE	MANOR ROAD	0	1	CITY				

	STATEN ISLAND CULVERTS									
BIN	BORO	FEATURE CARRIED	FEATURE CROSSED		BRIDGE TYPE	SPANS	SOURCE			
R00097	R	RICHMOND HILL ROAD	RICHMOND ROAD		0	1	CITY			
R00101	R	ST ANDREWS ROAD	LIGHTHOUSE AVE		0	1	CITY			
R00103	R	AULTMAN AVE	ST GEORGE ROAD		0	2	CITY			
R00104	R	ST. GEORGE ROAD	ASCOTT AVE		0	1	CITY			
R00106	R	ARTHUR KILL ROAD	RICHMONDTOWN ROAD		0	1	CITY			
R00111	R	ELTINGVILLE BLVD	KATAN AVE		0	2	CITY			
R00114	R	SWEET BROOK ROAD	RIDGEWOOD ROAD		0	1	CITY			
R00115	R	VICTORY BLVD	CLOVES LAKE PARK		0	3	CITY			
R00122	R	ARTHUR KILL ROAD	RIDGEWOOD AVE		0	1	CITY			
R00129	R	LAMOKA AVE	DEMOPOLIS AVE		0	1	CITY			
R00130	R	DEMOPOLIS AVE	LAMOKA AVE		0	2	CITY			
R00133	R	ARDEN AVE	HALPIN AVE		0	1	CITY			
R00135	R	HYLAN BLVD	CORNELIA AVE		0	1	CITY			
R00136	R	SNUG HARBOR ROAD	KISSEL AVE		0	1	CITY			
R00137	R	RICHMOND TERRACE	WESTERN AVE		0	2	CITY			
R00138	R	HOLLAND AVE	BENJAMIN PLACE		0	1	CITY			
R00139	R	DE PEW PL	MAGUIRE AVE		0	1	CITY			
R00141	R	ALTER AVE	STORM&GRND FED STREAD	М	0	1	CITY			

PARKS DEPARTMENT BRIDGES NOT IN THE NYC DOT BRIDGE INVENTORY									
BIN	BORO	FEATURE CARRIED	FEATURE CROSSED	INSPECTION DATE	RATING	VERBAL RATING			
222928C	М	PED BR AT 73RD ST	HHP - AMTRAK	6/8/2002	4.000	FAIR			
2231790	Q	BELMONT PARK RAMP	907A907AX5M22106	1/22/2002	4.750	FAIR			
2241380	В	PELHAM BAY PK PED	AMTRAK	11/13/1978	5.109	GOOD			
2242050	В	PEDS BR AT E194ST	METRO-NORTH RR HR	1/9/1979	5.574	GOOD			
2242120	В	FTBG N OF RTE 1	BRONX RIVER	6/15/2002	4.029	FAIR			
2244100	К	WEST FOOTBRIDGE	PROSPCT PK STREAM	9/9/2003	4.577	FAIR			
2244130	К	FTBRG NR BOATHSE	PROSPECT PK LAKE	6/15/2002	5.000	GOOD			
2245240	М	W 151ST ST FOOTBR	CONRAIL 30 ST BR	6/8/2002	2.000	POOR			
2246010	М	FTBRG OPP 62ND ST	BRIDLE PATH	6/1/2002	5.000	GOOD			
2246160	М	PED BET 73ST&74ST	THE LAKE	6/1/2002	5.000	GOOD			
2246320	М	FTBRG OPP 77TH ST	THE LAKE	5/18/2002	4.872	FAIR			
2246340	М	PED WALK OPP 77ST	STREAM TO LAKE	5/18/2002	4.871	FAIR			
2246380	М	PED WALK OPP 86ST	BRIDLE PATH	3/16/2002	4.917	FAIR			
2246390	М	PED WALK OPP 86ST	BRIDLE PATH	3/16/2002	4.960	FAIR			
2246580	М	HIGH BRIDGE PDOVP	871 87101011037	10/1/85	5.651	GOOD			
2246700	М	ISHM PK PEDESTRN	HARLEM RV INLET	11/3/2001	4.778	FAIR			
2248059	Q	MOTOR PKWY (PED)	FRANCIS LEWIS BLD	4/20/2002	4.556	FAIR			
2248060	Q	MOTOR PKWY (PED)	BELL BLVD	4/21/2002	4.889	FAIR			
2248070	Q	MOTOR PKWY (PED)	SPRINGFIELD BLVD	2/3/2003	4.569	FAIR			
2248080	Q	MOTOR PKWY (PED)	HOLLIS COURT BLVD	5/18/2002	4.839	FAIR			
2248090	Q	FLSHG MDW PK PED.	LAWRENCE STREET	5/11/2002	4.722	FAIR			
2248100	Q	MOTOR PKWY (PED)	73RD AVE	5/18/2002	4.794	FAIR			
2248110	Q	MOTOR PKWY (PED)	ALLEY PK PED WALK	3/16/2002	1.000	POOR			
2248130	Q	FLUSHING MEADW PK	WILLOW LK&76TH RD	4/20/2002	1.000	POOR			
2248140	Q	FLUSHING MEADW PK	STREAM N OF LIE	3/16/2002	4.741	FAIR			
2248280	Q	HIGHLAND PK PED.	PEDESTRIAN PATH	4/20/2002	3.667	FAIR			
2248379	Q	FLUSHING MW PK RD	AQUACADE LAKE	8/17/78	5.809	GOOD			
2249710	R	WEST FOOTBRIDGE	CLOVE LAKE	6/8/2002	4.862	FAIR			
2249720	R	EAST FOOTBRIDGE	CLOVE LAKE	6/1/2002	4.690	FAIR			
2249730	R	BRIDGE OVER DAM	N.END CLOVE LAKE	7/13/2002	4.241	FAIR			
2249770	R	S OF BROOKS LAKE	STREAM IN PARK	7/20/2002	5.000	GOOD			
2249780	R	FOOTBRIDGE	BROOKS LAKE DAM	6/15/2002	4.967	FAIR			
2249790	R	FB S OF FOREST AV	STREAM IN PARK	6/15/2002	5.000	GOOD			

A brief glossary of the 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.

AGGREGATE

Inert material such as sand or stone that is mixed with cement, lime and water to produce grout or mortar.

ALIGNMENT

The relative horizontal and vertical positioning between the bridge and APPROACHES.

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 upon which an arterial highway runs as it crosses streets, water, railroads, etc.

BACK FILL

Material used to refill an excavated area.

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.



BEAM

A linear structural member designed to span from one support to another.

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.

BOX BEAM

A hollow structural beam with a square, rectangular, or trapezoidal cross-section.

BRIDGE

A structure connecting two points, greater than 20 feet in distance, which carries vehicular and/or pedestrian traffic over water, a descending slope, or another road.

CABLE

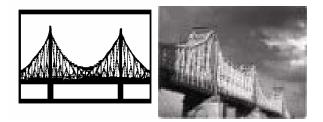
A steel rope, composed of parallel or twisted wires, used to support the road deck of SUSPENSION BRIDGES or CABLE STAYED BRIDGES.

CABLE STAYED BRIDGES

Bridges in which the superstructure is directly supported by cables, or stays, passing over or attached to towers located at the main piers.

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.



CATCH BASIN

A receptacle, commonly box shaped and fitted with a grilled inlet and a pipe outlet drain, designed to collect the rain water and floating debris from the roadway surface and retain the solid material so that it may be periodically removed.

CHANGE ORDER

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

CHIPPING HAMMER

A welder's compressed-air tool for cleaning steel after welding. It is also used by bridge inspectors.

CLEARANCE

The unobstructed vertical and horizontal space provided between two objects.

CONDITION RATING

A judgment of a structure's condition in comparison to its original as-built condition.

COPING

The material forming the top layer of a masonry unit which protects the masonry below from penetrating water.

CORE

A cylindrical sample of concrete removed from a bridge component for the purpose of destructive testing.

CORROSION

The general disintegration of surface metal through oxidation.

CRITICAL PATH

The set of activities that must be completed on time for the contract completion date to be met. Activities on the critical path have no slack time.

CULVERT

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

DEAD LOAD

The weight of the bridge itself without any traffic or external loads.

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.

EFFLORESCENCE

White salts that water movement brings to the surface of porous construction materials.

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.

EYEBARS

Steel bars with each end shaped like the eyes of giant needles. They provide total anchorage of the suspension cable and are buried deep within the ANCHORAGE structure.

FACE

The outer, exposed surface of a MASONRY unit.

FENDER

A structure that acts as a buffer to protect the portions of a bridge exposed to floating debris and waterborne traffic from collision damage.

FIRE HAZARD

Accumulation of debris, where the debris is of sufficient quantity, in a location where, if it caught fire, it would compromise the structural integrity of the bridge.

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.

FOOTINGS

Part of the substructure known as the bridge foundation, they are masses of reinforced concrete which can be found beneath the ABUTMENTS and PIER and which spread the load to allow the soil to support the structure above.

FULL STEEL PAINTING

A bridge painting technique that involves 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.



GUTTER

A paved drain commonly constructed in conjunction with the curbs of the roadway.

LIVE LOAD

The weight of the traffic crossing a bridge and of other external loads applied to the structure (excluding the weight of the bridge itself.)

LUBRICATION MAINTENANCE

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

MARINE BORERS

Mollusks and crustaceans which live in water and destroy wood by digesting it.

MASONRY

Construction materials made of concrete, brick, tile, or stone.

MEDIAN

A strip of land between opposing lanes of roadway traffic; also known as a median strip.

MONITORING INSPECTION

Inspection of a condition known have a potential for developing into a hazard to the structure or the public.

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.

MOVING LOAD

A LIVE LOAD that is moving, for example, vehicular traffic.

NECKLACE LIGHTS

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

NONDESTRUCTIVE TESTING

A method of checking the structural quality of materials that does not damage them.

OPERATOR'S HOUSE

The building containing the power plant and operating machinery and devices required for the operator's (bridge tender's) work in executing the complete cycle of opening and closing a MOVABLE BRIDGE span.

PANEL POINT

The point at which two members of a TRUSS cross.

PARAPET

A low wall along the outmost edge of the roadway of a bridge to protect vehicles and pedestrians.

PEDESTRIAN BRIDGES

Bridges designed and constructed to provide means of crossing for pedestrian traffic only.

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.

PLUMB BOB

A weight hanging on a string (plumb line), used by bridge inspectors to show the direction of the vertical distance.

POINTING

The compacting of the mortar in the outermost portion of a joint and the troweling of its exposed surface to secure water tightness or desired architectural effect.

PORTLAND CEMENT CONCRETE

The most common concrete used in construction. It was patented in England in 1820, and is so named because when hard, it resembles Portland stones from Dorset.

POTHOLE

A hole in a roadway or pavement, usually caused by heavy vehicular traffic or weathering.

PRECAST CONCRETE

Concrete members that are cast and cured before being placed into their final positions on the construction site.

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.

QUALITY ASSURANCE

An independent evaluation of a service (i.e., an inspection) to establish that a pre-described level of quality has been met.

RAILING

A fence-like construction built at the outermost edge of the roadway or the sidewalk portion of a bridge to protect pedestrians and vehicles.

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 (tensile load-bearing capacity) to the structure.

RECONSTRUCTION

Reconstruction of severely deteriorated bridges includes extensive rehabilitation, as well as partial or complete replacement, either in-kind or newly designed.

REHABILITATION

Extending the useful life of a bridge by painting, repairing or replacing the DECK or selected elements of the SUBSTRUCTURE or SUPERSTRUCTURE. This type of work is performed primarily on those structures not classified as deficient, but which contain specific components that have low condition ratings.

RETRACTILE BRIDGES

Retractile bridges are movable bridges that 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.



RETARDING AGENT

A chemical added to mortar to slow down the set.

RIPRAP

Irregularly broken, random-sized pieces of rock used for a foundation or to prevent soil erosion.

ROADWAY

The portion of the road intended for the use of vehicular traffic.

ROCKER BEARING

A bridge support that accommodates expansion and contraction of the superstructure through a rocking action.

SADDLE

A special curved casting atop a SUSPENSION BRIDGE tower into which the cables are placed to avoid sharp bends in directional changes of the cable.

SALT SPLASH ZONE PAINTING

A bridge painting process that involves preparation of the area to be painted by power wash, using clean water or steam. After power washing, hand and power tools are used in areas which have started to show deterioration from accumulated de-icing agents. Solvent cleaning is done in locations where oil and grease need to be removed from the steel surface. A spot PRIMER coat and finish coat are then applied by brush or roller. Occasionally, when there is no danger of overspray, spray painting may be performed.

SCUPPER

An opening in the floor portion of a bridge to provide means for rain or other water accumulated upon the roadway surface to drain through it into the space beneath the structure.

SET

When the consistency of mortar changes from plastic to hard.

SHORING

Temporary bracing to support a structure.

SOFFIT

The underside of a structural component, such as a beam or arch.

SPALLING

The flaking or breaking out of concrete parallel to the main surface, caused by a blow, or by the action of weather or pressure.

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.

SPLAY CASTING

A steel or cast-iron collar fitted around a bridge suspension CABLE at the location where it spreads out (splays) into separate bundles of wires which are then attached to the ANCHORAGE EYEBARS. It is used to control the degree and location of the splay. These castings are usually located at the entry point of the cable into the anchorage chamber.



Consultants Inspecting the Splay Casting at Anchorage D of the Williamsburg Bridge, Where the Suspension Cables are Secured

SPOT PAINTING

When the surface to be painted is contaminated with de-icing salts, sea salt, bird excrement, or other corrosive agents, the area is prepared by power washing, using clean water or steam. When grease or oil is present, it is removed by solvents. Mechanical cleaning with hand and/or power tools is performed in the areas containing deteriorated paint. A spot PRIMER coat and a single finish coat are applied by brush or roller. Occasionally, when there is no danger of overspray, spray painting may be performed.

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 181st Street. This bridge opened to traffic in December 1888 and, with its approaches, is 2,375 feet long.



STEM

The vertical part of a retaining wall, usually made of concrete or masonry.

STRAIN GAUGE TESTING

Small strips of material (imagine a small band-aid) are glued onto part of a structure to measure the stress in the material under load. Inside the small "band-aid" are tiny electrical wires. When a structure is under load it stretches (tension) or contracts (compression). When this happens, the resistance in the tiny wires in the strain gauge changes, resulting in a change in the wire's current. What is actually being measured are changes in the electrical current in the tiny wires. Knowing the physical properties of the structural member that the gauge is attached to, (such as steel), a calculation is can then be made to convert these changes in current to changes in stress. The readings are taken with special instruments that record the information over the desired period of time or loading sequences.



Division Engineers Installing Strain Gauges in 1995 on the Greenpoint Avenue Bridge

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.

STRINGER

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

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.

SUSPENDER

A wire rope or a short vertical rod that enables the forces of the roadway of a SUSPENSION BRIDGE to be translated into an axial force in the supporting CABLES.



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.



THERMAL CAPACITY

The ability of MASONRY to hold heat and/or cold.

TIME AND MATERIALS CONTRACT

A contract in which the contractor's labor and material costs are reimbursed at a predetermined rate of profit.

TORSION

Twisting force usually caused by unbalanced or asymmetrical loading.

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 underdeck platform) 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

Viaduct bridges are multi-span bridges containing two end spans and any number of intermediate SPANS. The end spans are supported by an ABUTMENT on one end and a PIER on the other. The intermediate spans held aloft by piers.

WINGWALL

Walls of reinforced concrete or stone that prevent the soil behind the ABUTMENT from eroding away and leaving a void beneath the approaches of the bridge. Also known as a retaining wall.

WINTER INSPECTION

Inspection of a site known to have a greater hazard potential during winter. This may be due to low ambient temperatures, accidental or deliberately set fires.

(Glossary Photo Credits: Peter Basich)

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.



Manhattan Bridge Tower After Debris Removal



Hutchinson River Parkway Under Westchester Avenue (Credit: Anthony Napolitano

Removal of debris, dirt and vegetation from Cleaning of Drainage System 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 specialized equipment.



Cleaning Catch Basins on the Manhattan Bridge

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.



Expansion Joint Cleaning on the Manhattan Bridge

Clean Expansion Joint on the Manhattan Bridge

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

Sweeping sweeper along each curb.

Sweeping each bridge with a mechanical



Sweeping the Grand Street Bridge (Credit: Anthony Napolitano)

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 Curbline 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.



Repaired Bullnose Curb and Sidewalk at Crotona Avenue (Credit: Joseph Saverino)

Replacement of Wearing Surfaces 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.



Asphalt Repair on the Grand Street Bridge (Credit: Anthony Napolitano)



Break-Out and Removal of Old Asphalt at the Tillary Street Ramp to the Brooklyn Bridge (Credit: Anthony Napolitano)



Compacting the Hot Asphalt Cement With a Portable Gasoline Powered Roller. Completed Asphalt Deck Repair at the Tillary Street Ramp. (Credit: Anthony Napolitano)



Concrete Deck Pothole Repairs Along the Westbound BQE Over Furman Street – Break-Out. Cutout Ready for Concrete. (Credit: Joseph Saverino)



Pouring Concrete on the Westbound BQE Over Furman Street. Rolling and Tamping the Asphalt. (Credit: Joseph Saverino)



Closeup of Part of the Completed Concrete Deck Repair on the BQE. (Credit: Joseph Saverino)

Electrical and Mechanical Component Maintenance of the 4 East River Bridges and 25 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. When necessary, Division personnel fabricate machine parts such as shafts, and brake and warning gate components. 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, because 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 twenty-five 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 Paint Removal and Repainting Constructing negative pressure containment (Class 1A); washing and surface blasting to commercial-blast or near-white metal condition (Society for Protective Coating SP-6 or SP-10); constructing Class 3P containment; power tool cleaning to bare metal condition (Society for Protective Coating SP-11 or SP-15); lead monitoring and disposal; applying lead-free paint; primer, intermediate coat and top coat. Surface preparation is accomplished by abrasive blasting. The containment materials include tarps, plywood, scaffolding, and cables. Equipment includes blasting machines, needle guns, spray pumps, compressors, dust collectors, filters, and ductwork.



Abrasive Blasting



Tower Scaffolding and Containment at the Wards Island Pedestrian Bridge



Boston Post Road Containment. FDR Containment for Wards Island Pedestrian Bridge.

The Division treats all lead paint waste as hazardous waste, and stores and disposes of it according to the Resourse Conservation and Recovery Act (RCRA). Waste is stored in approved leak-proof drums and containers which are, in turn stored temporarily in a fenced, secured area on-site until they are transferred to a disposal/recycling facility.

Full-Steel (Overcoating) Overcoating of the entire bridge. Solvent cleaning and cleaning of steel surfaces in areas with deteriorated paint is conducted using approved environmentally safe paint removal techniques, and either power tools, hand tools or combination hand/power tools. Power tool cleaning is performed in a Class 3P containment, and hand tool cleaning in a Class 4 containment. Combination hand/power tool cleaning is performed in a Class 3P containment. A localized primer coat and a single finish coat are then applied by brush, roller, or spray over the entire bridge.

Spot Painting When the surface to be painted is contaminated with de-icing salts, sea salt, bird excrement, or other corrosive agents, the area is prepared by power washing, using clean water or steam. When grease or oil is present, it is removed by solvents. Mechanical cleaning with hand and/or power tools is performed in the areas containing deteriorated paint. Power tool cleaning is performed in a Class 3P containment, and hand tool cleaning in a Class 4 containment. Combination hand/power tool cleaning is performed in a Class 3P containment in a Class 3P containment. A spot primer coat and a single finish coat are applied by brush or roller. Occasionally, when there is no danger of overspray, spray painting may be performed.

Salt Splash/Spot Painting This is a new process that combines salt splash with spot painting. It involves preparation of the area to be painted by power wash, using clean water or steam. Solvent cleaning is done in locations where oil and grease need to be removed from the steel surface. Areas to be power washed and painted are: the superstructure (up to six feet upwards from the deck), the underdeck steel (up to three feet from each side of the center line of the expansion joints), and the outside of the bridge's steel faces. In addition to these painted areas, we now perform localized surface preparation and painting of any deteriorated locations as mentioned in our spot painting definition above. After power washing, hand and power tools are used in areas that have started to show deterioration from accumulated de-icing agents. Power tool cleaning is performed in a Class 3P containment, and hand tool cleaning in a Class 4 containment. Combination hand/power tool cleaning is performed in a Class 3P containment, and hand tool cleaning in a Class 4 not primer coat and finish coat are then applied by brush or roller. Occasionally, when there is no danger of overspray, spray painting may be performed.



Spot Cleaning Before Painting on the Williamsburg Bridge. Primer Coating on the Williamsburg Bridge



Containment Examples



Bridge Painters at Their Kent Avenue Shop Near the Williamsburg Bridge. Supervisor Bridge Painter Osvaldo Lima; Bridge Painters Anthony Attore, Vlatko Zic, Reynaldo Grant, Thomas Anzalone; Supervisor Bridge Painter Vincent Babajko; Bridge Painters Safdar Ali, Andrew Law, Drago Milin, Frank Pinheiro; Supervisor Bridge Painter Jure Dzida; and Deputy Director of In-House Painting Earlene Powell. (Credit: Lisi de Bourbon)

*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. **Descriptions modified in November 2003.

MAINTENANCE PERSONNEL RESOURCES IN 2003

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
BRICKLAYERS	2	5
BRIDGE OPERATORS (INCLUDES ASSISTANTS)	19	72
BRIDGE PAINTERS	6	38
BRIDGE REPAIRERS/RIVETERS	3	36
CARPENTERS	2	15
CEMENT MASONS	-	6
DEBRIS REMOVERS	-	1
ELECTRICIANS (INCLUDES HELPERS)	2	21
HIGHWAY REPAIRERS (INCLUDES ASSISTANTS & SEASONAL WORKERS)	24	89
MACHINISTS	-	2
MOTOR GRADER OPERATORS	-	1
OILERS	-	13
STATIONARY ENGINEERS (ELECTRIC)	-	1
TRACTOR OPERATORS	-	1
TRAFFIC DEVICE MAINTAINERS	-	3
TOTALS	58 SUPERVISORS	304 MECHANICS

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	1	
	40	
SUPERVISOR (INCLUDES ASSTS)	12	
TOOLMAN		2
TRANSITMAN		7
TRIMMER		2
TOTALS	42 SUPERVISORS	441 MECHANICS

BRIDGE INSPECTION EQUIPMENT LIST*

Inspector Equipment	Inspection Team Equipment	Inspection Van Equipment
Boots-Knee High	5 Boro Map	Clip Boards
Dust Masks (Disposable)	Binoculars	Flashlight (3 "D" Cell)
Safety Goggles	Telephone Directory	Fire Extinguisher
Hard Hat With Liner	Broom	First Aid Kit
Rain Hat & Jacket	Camera 35mm	3 Flags
OSHA Approved Respirator & Filters	Digital Camera	Step Ladder 6' or 8'
Work Gloves Long Cuff	Hand Compass	10 Traffic Cones
Work Gloves Unlined	Screwdriver Set (Regular)	Tool Chest
Work Gloves Lined	Screwdriver Set (Phillips)	
Chipping Hammer	Dye Penetrant Kit	
Clip Boards	Lantern	Put In Trucks By Highway
Deceleration Lanyards	D-Meter With Test Block	Repairers When Needed
Flashlight (2 "D" Cell)	Marking Paint Spray	Generator
Safety Vest	Retract Survey Rod 25'	Oil For Generator
Belt With Two Drop Forged D-Rings	Sledge Hammer (8 lbs.)	Approved Safety Gasoline Can
Level 9" (Magnetic)	Thermometer	Bolt Cutter
Tool Bags (24")	Spray Penetrating Oil	Extension Ladder 32'
Class III Body Harness	Cell Phone/Radio	Extension Ladder 24'
Lanyards	Vernier Calipers	Extension Ladder 16'
Bridge Inspection Manual (New York State)	Wrenches 12"	Shovel
Technical Advisories For Inspection Manual	Tool Pouch	Push Broom
Emergency Procedure Instructions	Lumber Crayons	Dust Pan & Sweep Broom
	Awl	Water Cooler
	Spray Paint	Flood Lights
	Calipers	
	Drafting Equipment	
	Hacksaw	
	Hacksaw Blades (Extra)	
	Paint Scraper	
	Inspection Mirror	
	Level 24"	
	Pliers 8"	
	Plumb Bob	
	Pocket Knife	
	Ruler 25' or 30' (Metal)	
	Ruler 100' (Fiberglass)	
	Scraper Blades (Extra)	
	Snips	
	Wire Brush	
	Folding Ruler 8'	
	Rope ½" With 100' Coil	
	Handheld Computer	

*New York City Department of Transportation, Division of Bridges. *Bridge Inspections, Research & Development Section Equipment Checklist.* 2003.

MOTION PICTURE, TELEVISION, VIDEO, & STILL PHOTOGRAPHY HIGHLIGHTS

JANUARY

"Good Day Live" Charles Schwab Commercial

FEBRUARY Japan Airlines Commercial "Furious Force"

"Collage of our Lives"

MARCH Chrysler Commercial "Perfect Match" "Sex and the City" "Third Watch"

APRIL

"Spiderman II" License! Magazine British Bridal Magazine United Hospital Fund Annual Report "Raising Helen"

MAY

"Stay" People Magazine Verizon Commercial "Light and the Sufferer"

Mia Magazine "Violet is Not Dead" "Up From Zero"

JUNE "The Restaurant"

"Wrath"

AUGUST

Brooklyn

Honda Commercial

"Witness 9.11"

"elimiDATE" OUT Magazine "Lion King" Commercial "Bommalata" "Texas Justice" Travel & Leisure Golf Magazine Bloomingdale's Catalogue "Do You Speak American?"

JULY "Building the Indestructible"

"Bargain Hunt" "Asmali Konak" United States Army Commercial

Discovery Channel Documentary on

Television Television

Television Documentary

Motion Picture

Television Television Television Television

Motion Picture Still Photography Still Photography Still Photography Motion Picture

Motion Picture Still Photography Television Video

Still Photography Short Film Documentary

Television

Motion Picture

Television Still Photography Television Motion Picture Television Still Photography Still Photography Documentary

Documentary

Television Motion Picture Television

Documentary

Television

Short Film

Brooklyn Bridge Walkway Brooklyn Bridge

Brooklyn Bridge Walkway Brooklyn Bridge Walkway Williamsburg Bridge Walkway Brooklyn Bridge Walkway

Brooklyn Bridge Roadway Brooklyn Bridge Walkway Brooklyn Bridge Walkway Manhattan Bridge Queensboro Bridge Roadway

Brooklyn Bridge Walkway Brooklyn Bridge Walkway Brooklyn Bridge Walkway Brooklyn Bridge Walkway Queensboro Bridge Roadway

Brooklyn Bridge Towers Brooklyn Bridge Walkway Brooklyn Bridge Roadway Brooklyn Bridge Walkway Manhattan Bridge Walkway Manhattan Bridge Walkway Manhattan Bridge

Brooklyn Bridge Walkway Queensboro Bridge Brooklyn Bridge Walkway Brooklyn Bridge Roadway Brooklyn Bridge Brooklyn Bridge Walkway Queensboro Bridge Roadway

Brooklyn Bridge Walkway Manhattan Bridge Walkway Brooklyn Bridge Walkway Under Manhattan Bridge Queensboro Bridge Roadway

Brooklyn Bridge

Brooklyn Bridge Walkway Brooklyn Bridge Roadway Brooklyn Bridge Walkway

MOTION PICTURE, TELEVISION, VIDEO, & STILL PHOTOGRAPHY HIGHLIGHTS

"Third	Watch"	

SEPTEMBER

"Stay" "Rock Dove Trilogy" "Blind Date" "Taxi NYC" "The Jaime Kennedy Experiment" "Satellite" Delta Airlines Commercial

OCTOBER "Stay"

IBM Commercial "Taxi NYC"

"N.Y. Minute" "Jeopardy" Rancid "Movin' Out" Commercial "Oracles" "Tyler's Ultimate" "The Trevor Lowdown" Maybelline Commercial

NOVEMBER

"The Forgotten"

"Stay" "Hope for World Peace" "Queer Eye for the Straight Guy" "Sacred Ground"

DECEMBER "Alfie"

"Stay" Nextel Commercial Toyota Commercial "Martini's Shot" "Brooklyn Bound" Television

Motion Picture Short Film Television Motion Picture Television Motion Picture Television

Motion Picture

Television Motion Picture

Motion Picture Television Motion Picture Television Short Film Television Television Television

Motion Picture

Motion Picture Video Television Documentary

Motion Picture

Motion Picture Television Television Short Film Motion Picture Under Manhattan Bridge Roosevelt Island Bridge

Brooklyn Bridge Walkway Brooklyn Bridge Walkway Brooklyn Bridge Walkway Brooklyn Bridge Walkway East River Bridge Walkways Manhattan Bridge Walkway Queensboro Bridge Roadway

Brooklyn Bridge Roadway Manhattan Bridge Walkway Roosevelt Island Bridge Brooklyn Bridge Walkway Brooklyn Bridge Walkway Queensboro Bridge Walkway Brooklyn Bridge Roadway Brooklyn Bridge Roadway Manhattan Bridge Roadway Third Avenue Bridge Brooklyn Bridge Walkway Brooklyn Bridge Walkway Queensboro Bridge Roadway

Brooklyn Bridge Manhattan Bridge Brooklyn Bridge Roadway Brooklyn Bridge Walkway Brooklyn Bridge Walkway Williamsburg Bridge Walkway

Brooklyn Bridge Manhattan Bridge Williamsburg Bridge Walkway Brooklyn Bridge Walkway Brooklyn Bridge Queensboro Bridge Roadway Brooklyn Bridge Roadway Abdel-Sayed, George, Bakht, Baidar, and Jaegar, Leslie G. (editors). Soil-Steel Bridges: Design and Construction. McGraw-Hill Professional, 1994.

Annan, Jason, and Gabriel, Pamela. Great Cooper River Bridge. University of South Carolina Press, 2002.

Azizinamini, Atorod, Yakel, Aaron, Abdelrahman, Magdy, (editors), and United Engineering Foundation. *High Performance Materials in Bridges: Proceedings of the International Conference*. American Society of Civil Engineers, August 2003.

Bascove (Editor), and Gordon, Mary (Introduction). *Stone and Steel : Paintings & Writings Celebrating the Bridges of New York City.* David R. Godine, 1998.

Beard, Jeffrey L., Wundram, Edward C., and Loulakis, Michael C. *Design-Build: Planning Through Development*. McGraw-Hill Professional, 2001.

Bennett, David. The Architecture of Bridge Design. American Society of Civil Engineers, 1997.

Bennett, David. Creation of Bridges: From Vision to Reality - the Ultimate Challenge of Architecture, Design, and Distance. Book Sales Incorporated, 1999.

Berlow, Lawrence H. The Reference Guide to the World's Famous Landmarks: Bridges, Tunnels, Dams, Roads and Other Structures. Oryx Press, 1997.

Beskos, D. E., and Anagnostopoulos, S. A. (editors). *Computer Analysis and Design of Earthquake Resistant Structures: A Handbook (Advances in Earthquake Engineering, Volume 3).* Computational Mechanics, December 1997.

Bettigole, Neal H., and Robison, Rita. *Bridge Decks: Design, Construction, Rehabilitation, Replacement.* American Society of Civil Engineers, 1997.

Billington, David P. Robert Maillart and the Art of Reinforced Concrete. MIT Press, 1991.

Billington, David P. Robert Maillart: Builder, Designer, and Artist. Cambridge University Press, 1997.

Billington, David P. *The Tower and the Bridge: The New Art of Structural Engineering*. Princeton University Press, 1985.

Blakstad, Lucy (editor). Bridge: The Architecture of Connection. Birkhauser Verlag, 2002.

Brown, David J. Bridges. Hungry Minds, Inc., 1993.

Brown, David J. *Bridges: Three Thousand Years of Defying Nature*. Motorbooks International, October 2001.

Canel, Annie, Oldenziel, Ruth, and Zachman, Karin, (editors). *Crossing Boundaries, Building Bridges : Comparing the History of Women Engineers, 1870s-1990s.* Gordon & Breach Publishing Group, 2000.

Canter, Larry W. *Environmental Impact Assessment*. McGraw-Hill Science/Engineering/Math, 2nd edition, 1995.

Chatterjee, Suhken. Design of Modern Steel Bridges. Blackwell Science Inc., 2nd edition, 2003.

Chen, Wai-Fah, and Duan, Lian, (editors). Bridge Engineering Handbook. CRC Press, 1999.

Cheung, M. S., Li, W., and Chidiac, S. E. Finite Strip Analysis of Bridges. E & F N Spon, 1996.

Committee on History and Heritage of American Civil Engineering. *American Wooden Bridges*. American Society of Civil Engineers, 1976.

Cook, Martin. Medieval Bridges. Shire Publications, 1999.

Cortright, Robert S. (photographer) Bridging: Discovering the Beauty of Bridges. Bridge Ink, 1998.

Cossons, Neil, and Trinder, Barrie. Iron Bridge: Symbol of the Industrial Revolution. Phillimore & Company, Limited, 2002.

Creazza, G., and Mele, M. (editors). *Advanced Problems in Bridge Construction*. Springer-Verlag New York, Incorporated, 1991.

Dale, Frank T. Bridges over the Delaware River: A History of Crossings. Rutgers University Press, 2003.

Day, Robert W. Geotechnical Earthquake Engineering Handbook. McGraw-Hill, 2001.

Delony, Eric. Landmark American Bridges. American Society of Civil Engineers, 1993.

SUGGESTED READING

Derucher, Kenneth N., Minor, John, and White, Kenneth R. (editor). *Bridge Maintenance Inspection and Evaluation*. Marcel Dekker, 2nd edition, 1992.

Dillon, Richard, Moulin, Thomas, and Denevi, Don (editors). *High Steel: Building the Bridges Across San Francisco Bay*. Celestial Arts, reissue edition, 1998.

Dogancay, Burhan (photographer). Bridge of Dreams: The Rebirth of the Brooklyn Bridge. Hudson Hills Press, 1999.

Dupre, Judith, and Gehry, Frank O. (introduction). *Bridges: A History of the World's Most Famous and Important Spans*. Black Dog & Leventhal, 1997.

Eggert, Helmut, and Kauschke, Wolfgang. Structural Bearings. John Wiley & Sons, 2003.

Evans, Benjamin D., and Evans, June R. *Pennsylvania's Covered Bridges: A Complete Guide*. University of Pittsburgh Press, revised and updated edition, 2001.

Fowler, John, Baker, Benjamin, Boyd Whyte, Iain (illustrator), MacDonald, Angus J., and Baxter, Colin (photographer). *John Fowler, Benjamin Baker: Forth Bridge*. Edition Axel Menges, 1998.

Frampton, Kenneth (editor), Webster, Anthony C., Tischhauser, Anthony, and Calatrava, Santiago. *Calatrava Bridges*. Birkhauser (Architectural), 2nd edition, 1996.

Frangopol, Dan M. Bridge Safety and Reliability. American Society of Civil Engineers, 1999.

Fuller, Robert G., Lang, Charles R., and Lang, Roberta H., eds. *Twin Views of the Tacoma Narrows Bridge Collapse*. American Association of Physics Teachers, 2000.

Gere, James M. Mechanics of Materials. Brooks/Cole Publishing, 5th edition, 2000.

Ghosh, Uptal K. Repair & Rehabilitation of Steel Bridges. Balkema Publishers, 2000.

Gimsing, Niels J. Cable Supported Bridges : Concept and Design. John Wiley & Sons, 2nd edition, 1997.

Gohler, Bernhard, and Pearson, Brian. *Incrementally Launched Bridges: Design and Construction*. John Wiley & Sons, 2000.

Gottemoeller, Frederick. Bridgescape: The Art of Designing Bridges. John Wiley & Sons, 1998.

Graf, Bernhard. Bridges That Changed the World. Prestel USA, 2002.

Grigg, Neil S., Criswell, Marvin E, Fontane, Darrell G., and Siller, Thom. *Civil Engineering Practice in the Twenty-First Century : Knowledge and Skills for Design and Management.* American Society of Civil Engineers, 2001.

Hadlow, Robert W. *Elegant Arches, Soaring Spans: C. B. McCullough, Oregon's Master Bridge Builder.* Oregon State University Press, 2001.

Hambly, Edmund C. Bridge Deck Behaviour. E & F N Spon, 2nd edition, 1990.

Hamill, Les. Bridge Hydraulics. E & F N Spon, 1998.

Harding, J. E., Parke, G. E. R., and Ryall, M. J. (editors). *Bridge Management: Third International Conference on Bridge Management*, 1996. E & F N Spon, 1996.

Harding, J. E., Parke, G. E. R., and Ryall, M. J. (editors). *Bridge Management: Inspection, Maintenance, Assessment, and Repair (First International Conference on Bridge Management, 1990).* Elsevier Applied Science, 1990.

Hare, Clive H. Painting of Steel Bridges And Other Structures. Van Nostrand Reinhold, 1990.

Hopkins, H. J. A Span of Bridges: An Illustrated History. Praeger Publishers, 1970.

Horton, Tom, and Wolman, Baron (photographer). Superspan: The Golden Gate Bridge. Squarebooks, revised edition, 1998.

Huxtable, Ada Louise. The Architecture of New York. Doubleday, 1964.

Hyde, Charles K. Historic Highway Bridges of Michigan. Wayne State University Press, 1993.

Ito, Manabu, Fujino, Yozo, Miyata, Toshio, and Narita, Nobuyuki (editor). *Cable-Stayed Bridges*. Elsevier Science Ltd., 1991.

Jackson, Donald C., and McCullough, David G. (foreword). *Great American Bridges and Dams*. John Wiley & Sons, 1996.

Jackson, Robert W. Rails Across the Mississippi: A History of the St. Louis Bridge. University of Illinois Press, 2001.

Jaffe, Rochelle C. Masonry Instant Answers (Instant Answer Series). McGraw-Hill Professional, 2003.

Johnson, Stephen, and Leon, Roberto T. Encyclopedia of Bridges and Tunnels. Facts on File, 2002.

Kappos, Andreas J. (editor). Dynamic Loading and Design of Structures. E & F N Spon, 2001.

Kidney, Walter C., and Hare, Clyde (photographer). *Pittsburgh's Bridges: Architecture and Engineering*. Landmark Store, 1999.

Klein, Lawrence A. Sensor Technologies and Data Requirements for ITS Applications. Artech House, 2001.

Koglin, Terry. Movable Bridge Engineering. John Wiley & Sons, 2003.

Kranakis, Eda. Constructing a Bridge: An Exploration of Engineering Culture, Design, and Research in Nineteenth-Century France and America. MIT Press, 1997.

Kratkey, Richard J. (Editor). Assessment of Performance of Vital Long-Span Bridges in the United States. American Society of Civil Engineers, 2003.

Larsen, A., and Esdahl, S. (editors). *Bridge Aerodynamics: Proceedings of the International Symposium on Advances in Bridge Aerodynamics, Copenhagen Denmark, 10-13 May 1998*. Balkema Publishers, May 1998.

Latimer, Margaret Webb, Hindle, Brooke, and Kranzberg, Melvin (editors). *Bridge to the Future: A Centennial Celebration of the Brooklyn Bridge*. (Annals of the New York Academy of Sciences, Volume 424). New York Academy of Sciences, 1984.

Lee, David J. Bridge Bearings and Expansion Joints. E & F N Spon, 2nd edition, 1994.

Leonhardt, Fritz. Bridges: Aesthetics & Design. Butterworth-Heinemann, 1983.

Mallett, G. P. *Repair of Concrete Bridges (State-Of-The-Art Review)*. American Society of Civil Engineers, 1994.

Mao, Yi-sheng. Bridges in China, Old and New: From the Ancient Chaochow Bridge to the Modern Nanking Bridge over the Yangtze. Foreign Languages Press, 1978.

Mason, Philip P. Ambassador Bridge: A Monument to Progress. Wayne State University Press, 1987.

McCullough, David G. The Great Bridge: The Epic Story of the Building of the Brooklyn Bridge. Simon & Schuster, reprint, 1983.

McKee, Brian J., and American Society of Civil Engineers. *Historic American Covered Bridges*. Oxford University Press, April 1997.

McLeish, Andrew. Underwater Concreting and Repair. John Wiley & Sons, 1994.

Measures, Raymond M. Structural Monitoring With Fiber Optic Technology. Academic Press, 2001.

Melaragno, Michele G. Preliminary Design of Bridges for Architects and Engineers. Marcel Dekker, 1998.

Middleton, William D. The Bridge at Québec. Indiana University Press, 2001.

Middleton, William D. Landmarks on the Iron Road: Two Centuries of North American Railroad Engineering. Indiana University Press, 1999.

Miller, William J., and Demerast (editor). *Crossing the Delaware: The Story of the Delaware Memorial Bridge, the Longest Twin Suspension Bridge in the World*. Koen Book Distributors, 2nd edition, 1997.

Miyata, T., Fijisawa, N., and Yamada, H. (editors). *Long-Span Bridges and Aerodynamics: International Seminar on Long-Span Bridge Aerodynamics Perspective 8, Kobe, Japan, March 1-3, 1998.* Springer Verlag, December 1999.

Mock, Elizabeth B. The Architecture of Bridges. Museum of Modern Art, 1949.

Nardon, J. David. Bridge and Structure Estimating. McGraw-Hill Professional, 1995.

SUGGESTED READING

Nelson, Joseph C. Spanning Time: Vermont's Covered Bridges. New England Press, 1997.

Nevins, Deborah, McCullough, David, Millstein, Barbara H., Fein, A., and Kachur, Lewis. *Great East River Bridge, 1883-1983: Celebrating The 100th Anniversary of the Brooklyn Bridge.* Brooklyn Museum (exhibition catalogue), 1983.

Nicholson, John. Building the Sydney Harbour Bridge. Allen & Unwin Pty., Limited, 2000.

Nowak, Andrzei S. (editor). *Bridge Evaluation, Repair and Rehabilitation*. Kluwer Academic Publishers, 1990.

O'Brien, Eugene J., and Keogh, Damien L. Bridge Deck Analysis. E & F N Spon, 1999.

O'Connor, Colin O., and Shaw, Peter A. Bridge Loads. Routledge, 2000.

O'Connor, Colin O. *Spanning Two Centuries: Historic Bridges of Australia*. University of Queensland Press, 1985.

Ostrow, Steven A., and Burgess, Tony (editor) *Bridges*. Michael Friedman Publishing Group Incorporated, 1997.

Outerbridge, Graeme (photographer), and Outerbridge, David. Bridges. Harry N Abrams, 1989.

Parmley, Robert O. Civil Engineer's Illustrated Sourcebook. McGraw-Hill Professional, 2003.

Parsons Brinckerhoff, Silano, Louis G. (editor), and Deen, Tomas B. (foreword). *Bridge Inspection and Rehabilitation: A Practical Guide*. Wiley-Interscience, 1992.

Pearce, Martin, and Jobson, R. Bridge Builders. John Wiley & Sons, 2002.

Pennells, E. Concrete Bridge Designer's Manual. E & F N Spon, 2nd 1998.

Petroski, Henry, and Kastenmeier, Edward (editor). *Engineers of Dreams: Great Bridge Builders and the Spanning of America*. Vintage Books, reprint, 1996.

Plowden, David. Bridges: The Spans of North America. W.W. Norton & Company, reissue edition, 1984.

Pollalis, Spiro N., and Diaz-Hermidas, Alberto (illustrator). *What Is a Bridge? : The Making of Calatrava's Bridge in Seville*. MIT Press; reprint, 2002.

Priestly, M. J. N., Calvi, Glan Michele, and Seible, F. Seismic Design and Retrofit of Bridges. Wiley-Interscience, 1996.

Pritchard, Brian. Bridge Design for Economy and Durability: Concepts for New, Strengthened and Replacement Bridges. American Society of Civil Engineers, 1992.

Pritchard, Brian (editor), and Institution of Civil Engineers. *Bridge Modification 2: Stronger & Safer Bridges*. American Society of Civil Engineers, 2rd edition, 1997.

Puckett, Jay A. (contributor), and Barker, Richard M. *Design of Highway Bridges: Based on AASHTO LRFD, Bridge Design Specifications*. John Wiley & Sons, 1997.

Raina, V. K. *Concrete Bridges: Inspection, Repair, Strengthening, Testing and Load Capacity Evaluation.* McGraw-Hill Professional, 1996.

Rastorfer, Darl. Six Bridges: The Legacy of Othmar H. Ammann. Yale University Press, 2000.

Ratay, Robert T. (editor). Forensic Structural Engineering Handbook. McGraw-Hill Professional, 2000.

Reed, Henry. Bridges of Central Park. Greensward Foundation, 1990.

Reier, Sharon. The Bridges of New York. Dover Publications, Incorporated, 2000.

Richardson, Mark. Fundamentals of Durable Reinforced Concrete. E & F N Spon, 2002.

Rosignoli, Marco. Launched Bridges: Prestressed Concrete Bridges Built on the Ground and Launched into Their Final Position. American Society of Civil Engineers, June 1998.

Ruddock, Ted (editor). Masonry Bridges, Viaducts and Aquaducts. Ashgate Publishing Company, 2000.

Russell, Jeffrey S. (editor). *Perspectives in Civil Engineering: Commemorating the 150th Anniversary of the American Society of Civil Engineers*. American Society of Civil Engineers, 2003.

Ryall, M. J. Bridge Management. Butterworth-Heinemann, 2001.

SUGGESTED READING

Saunders, F. Wenderoth. Building Brooklyn Bridge. Little Brown, 1965.

Schodek, Daniel L. Landmarks in American Civil Engineering. MIT Press, 1987.

Scott, Quinta (photographer), and Miller, Howard S. Eads Bridge. Missouri Historical Society Press, 1999.

Scott, R. In the Wake of Tacoma : Suspension Bridges and the Quest for Aerodynamic Stability. American Society of Civil Engineers, 2001.

Seward, Derek. Understanding Structures: Analysis, Materials, Design. MacMillan Publishing Limited, 1998.

Shank, William H. Historic Bridges of Pennsylvania. American Canal & Transportation Center, 1990.

Shapiro, Mary J. A Picture History of the Brooklyn Bridge. Dover Publications, Incorporated, 1983.

Sinopoli, A. (editor). Arch Bridges: History, Analysis, Assessment, Maintenance and Repair. A A Balkema, 1998.

Smith, Dwight A., Norman, James, and Dykman, Pieter T. *Historic Highway Bridges of Oregon.* Oregon Historical Society, 2nd edition, 2000.

Somayaji, Shan. *Civil Engineering Materials*. Prentice Hall College Division, 2nd edition, 2001.

Stahl, Frank L., and Gagnon, Christopher P. *Cable Corrosion in Bridges and Other Structures: Causes and Solutions*. American Society of Civil Engineers, 1996.

Steinman, David B. *The Builders of the Bridge: The Story of John Roebling and His Son.* Harcourt Brace, 1945.

Sutherland, Cara. Bridges of New York City (Portraits of America). Friedman/Fairfax Publishing, 2002.

Sweetman, John. The Artist and the Bridge: 1700-1920. Ashgate Publishing, Limited, 2000.

Talese, Gay, Davidson, Bruce (photographer), and Rethi, Lili (illustrator). *The Bridge: The Building of the Verrazano-Narrows Bridge*. Walker & Company, 2002.

Taly, Narendra, and Taly, Marendra. *Design of Modern Highway Bridges*. McGraw-Hill Higher Education, 1997.

Thienel, Phillip M. *Mr. Lincoln's Bridge Builders: The Right Hand of American Genius*. White Mane Publishing Company, Incorporated, 2000.

Tilly, Graham, Gifford, and Partners. *Bridge Conservation: A Guide to Good Practice*. Taylor & Francis, 2002.

Tonias, Demetrios E. *Bridge Engineering: Design, Rehabilitation, and Maintenance of Modern Highway Bridges.* McGraw Hill Text, 1994.

Trachtenberg, Alan. Brooklyn Bridge : Fact and Symbol. University of Chicago Press, 1979.

Troitsky, M. S. Orthotropic Bridges Theory and Design. James F. Lincoln Arc Welding Foundation, 1967.

Troitsky, M. S. Planning and Design of Bridges. John Wiley & Sons, 1994.

Troitsky, M. S. Prestressed Steel Bridges: Theory and Design. Van Nostrand Reinhold, 1990.

Van Der Zee, John. *The Gate: The True Story of the Design and Construction of the Golden Gate Bridge*. Simon & Schuster, 1987.

Watson, Bruce, Brigham, Trevor, and Dyson, Tony. *London Bridge: 2000 Years of a River Crossing.* Museum of London Archaeology Service, 2002.

Wells, Matthew, and Pearman, Hugh (introduction). 30 Bridges. Watson-Guptill Publications, 2002.

White, Kenneth R., Minor, John, and Derucher, Kenneth N. *Bridge Maintenance Inspection and Evaluation*. Marcel Dekker, 2nd edition, 1992.

White, Norval, and Willensky, Elliot, (editors). A/A Guide to New York City, Third Edition. Harcourt Brace Jovanovich, 1988.

Whitney, Charles S. Bridges of the World: Their Design and Construction. Dover Publications, 2003.

Williams, Allan. Seismic Design of Buildings and Bridges, 2002-2003: For Civil and Structural Engineers. Engineering Press, 2002.

Winpenny, Thomas R. Without Fitting, Filing, or Chipping: An Illustrated History of the Phoenix Bridge Company. Canal History & Technology Press, 1996.

Wisely, William H., Fairweather, Virginia, and Caballeros, Harold A. *The American Civil Engineer 1852-2002: The History, Traditions, and Development of the American Society of Civil Engineers.* American Society of Civil Engineers, 2002.

Wood, Miriam. Covered Bridges of Ohio: An Atlas and History. Thunder Bay Press, 1994.

Xanthakos, Petros P. Bridge Strengthening and Rehabilitation. Prentice Hall, 1995.

Xanthakos, Petros P. Bridge Substructure and Foundation Design. Prentice Hall, 1998.

Xanthakos, Petros P. Theory and Design of Bridges. Wiley-Interscience, 1993.

New York City Bridge Conference: A Special Issue of the Journal of Bridge Engineering: Proceedings of the 1st New York City Bridge Conference. American Society of Civil Engineers, 2001.

For Children

Adkins, Jan (illustrator). Bridges: From My Side to Yours. Roaring Brook, 2002.

Arnold, Caroline. Golden Gate Bridge. Watts Franklin, 1986.

Barter, James. The Golden Gate Bridge. Gale Group, 2001.

Baxter, Nicola. Bridges. Scholastic Library Publishing, 2000.

Browne, Lionel. *Bridges :Masterpieces of Architecture*. Walter/McBean Gallery, San Francisco Art Institute, 1996.

Carter, Polly, and Doty, Roy (illustrator). The Bridge Book. Simon & Schuster, 1992.

Cooper, Jason. Bridges. Rourke Enterprises, Incorporated, 1991. (Also available in a Spanish edition.)

Curlee, Lynn. Brooklyn Bridge. Simon & Schuster Trade, 2001.

Harris, David W. Truss Fun. BaHa Enterprises, 2000.

Hill, Lee Sullivan. Bridges Connect. The Lerner Publishing Group, 1996.

Johmann, Carol A., Rieth, Elizabeth J., and Kilne, Michael P. (illustrator). *Bridges: Amazing Structures to Design, Build & Test.* Williamson Publishing, 1999.

Kaner, Etta, and Cupples, Pat (illustrator). Bridges. Kids Can Press, 1997.

Kent, Zachary. The Story of The Brooklyn Bridge. Childrens Press, 1988.

LaFontaine, Bruce. Bridges of the World Coloring Book. Dover Publications, Incorporated, 1995.

Levy, Matthys, and Panchyk, Richard. Engineering the City. Chicago Review Press, 2000.

Mann, Elizabeth, and Witschonke, Alan (illustrator). *The Brooklyn Bridge: The Story of the World's Most Famous Bridge and the Remarkable Family That Built It.* Mikaya Press, 1996.

Maze, Stephanie, O'Neill Grace, Catherine (contributor), and Menzel, Peter (illustrator). *I Want to Be... an Engineer*. Harcourt, 1997.

Murray, Elaine, and Devillier, Christy (editor). Golden Gate Bridge. ABDO Publishing Company, 2002.

Nardo, Don. Roman Roads and Aqueducts. Gale Group, 2000.

Oxlade, Chris. Bridges. Raintree Steck-Vaughn Publishers, 1997.

Pascoe, Elaine. The Brooklyn Bridge. Blackbirch Press, Incorporated, 1999.

Pelta, Kathy. Bridging the Golden Gate. Lerner Publishing Group, 1993.

Robbins, Ken. Bridges. Dial Books for Young Readers, 1991.

SUGGESTED READING

Rose, Alan. *Build Your Own Brooklyn Bridge: Hours of Fun for the Ambitious Modeler*. The Putnam Publishing Group, 1980.

Royston, Angela, and Shone, Rob (illustrator). *Tell Me about Buildings, Bridges and Tunnels*. Watts Franklin, 1991.

Simon, Seymour, Fauteux, Nicole, and Cushman, Doug (illustrator). Let's Try It Out with Towers and Bridges: Hands-On Early-Learning Activities. Atheneum, 2003.

St. George, Judith. The Brooklyn Bridge: They Said It Couldn't Be Built. Putnam, 1982.

Steinman, David B., and Wiese, Kurt (illustrator). *Famous Bridges of the World*. Dover Publications, Incorporated, revised edition, 1961.

Stone, Lynn M. Bridges. Rourke Publishing, 2002.

Sturges, Philemon, and Laroche, Giles (illustrator). *Bridges Are to Cross*. Putnam Publishing Group Juvenile, 1998.

Vanderwarker, Peter, and Keller, John (editor). *Big Dig: Reshaping an American City*. Little, Brown Children's Books, 2001.

Willard, Keith, and Richardson, Adele. Bridges. The Creative Company, 2000.

Wilson, Forrest. Bridges Go from Here to There. Wiley, John & Sons, Incorporated, 1993.

CD-ROM and Electronic Book

Hicks, Tyler Gregory. Civil Engineering Formulas. McGraw-Hill, Electronic Book - 2001.

Merritt, Frederick S., Loftin, M. Kent, and Ricketts, Jonathan T. (editors). *Merritt's Civil Engineers' Platinum Edition*. (includes print handbook). McGraw-Hill Professional, 1999.

Civil Engineer's Solutions Suite. McGraw-Hill Professional, 1998.

Video, Videodisc, and DVD

Barnes, Michael. Nova: Secrets of Lost Empires II - China Bridge. WGBH Boston, 2000.

Burns, Ken. Ken Burns' America: Brooklyn Bridge. PBS Home Video, DVD-2003, Video - 1982.

Fuller, Robert G., Zollman, Dean A., and Campbell, Thomas C. *The Puzzle of the Tacoma Narrows Bridge Collapse*. John Wiley & Sons, videodisc - 1982.

Klein, Larry. Building Big with David Macaulay: Bridges. WGBH Records, 2000.

Modern Marvels: The Golden Gate Bridge. A & E Entertainment, 1994.

Nova: Super Bridge. WGBH Boston Video, 1997.