NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENGINEERING DESIGN AND CONSTRUCTION
CROTON FACILITY MONITORING COMMITTEE MEETING MINUTES
THURSDAY, MARCH 15, 2012 – 7:00 PM

The Croton Facility Monitoring Committee (CFMC) met on Thursday, March 15, 2012 at the DEP Office, 3660 Jerome Avenue, Bronx, NY 10467.

Welcome
The meeting came to order at 7:05 pm. Paul Foster welcomed the CFMC representatives and the public.

Attending - CFMC Representatives:
Hector Aponte, Bronx Borough Commissioner, Department of Parks & Recreation (DPR), Steve DesNoyer and Andrew Penzi, DPR; Paul Foster, Chair, and William Francis, Community Board # 7; Bob Bender, Chair, Parks Committee, Community Board # 8; Wilhelm Ronda, Bronx Borough President's Office; Jamin Sewell, Office of Council Member G. Oliver Koppell; Mark Lanaghan, Department of Environmental Protection (DEP). **Not attending**: Father Richard Gorman, Community Board #12. **Others Attending:** DEP Staff; DEP Construction Manager; members of the public. Attendees can be found on *Attachment 1.* Agenda is *Attachment 2.*

Adoption of CFMC Meeting Agenda
The proposed agenda was accepted by the CFMC.

Adoption of CFMC Meeting Minutes from February 16, 2012
Mr. Foster asked the CFMC representatives for comments or changes to February's CFMC meeting minutes. Mr. Ronda requested correction of the name of an organization incorrectly identified on page 2. With that change, the CFMC adopted the minutes. The motion to adopt was from Mr. Ronda, seconded by Mr. Sewell.

Update on Public Design Commission (PDC) Approval of Jogging Path at Jerome Park Reservoir (JPR)
Mr. Aponte and Mr. DesNoyer said that additional information was submitted to PDC by February 27, 2012, but the PDC decided not to calendar the jogging path item at its March 2012 meeting. The PDC had additional submission requests for DPR and the April 23rd PDC meeting appears to be the earliest meeting at which the item can be considered. Mr. Bender asked if PDC approval is the final step prior to construction starting. Mr. Aponte said that after PDC approval it should take between four to six months for work to begin, and he hopes that the CFMC's issues with trees, the holding of a DEC hearing, and any other matters will be resolved before construction starts. DPR will expedite the procurement to the fullest extent possible. Mr. Bender and Mr. Ronda reiterated their requests to proceed with the work.

DPR's Presentation - Status of Croton-Funded Parks Improvements – *Attachment 3- presentation excerpted because of size of document*

Mr. Aponte presented a comprehensive PowerPoint of the Croton-funded parks improvements. There were questions and comments about individual projects from Mr. Bender, Mr. Sewell, and area residents. Resident Gary Axelbank asked why some parks projects are being completed late. Mr. Aponte said the schedule was based on project projections. As an approximation of the time needed for each project, some projects have taken more and some have taken less time than the schedule reflected, due to many factors. Several representatives of Bronx High School of Science parents' association, faculty, and students described their disappointment and irritation that Harris ball fields are not available for the local schools' baseball team this season. Mr. Aponte explained that the field experienced delays due to contaminated materials and that the fields need sufficient time for knitting before teams can play ball. The parents complained that there are unsanctioned games being played on those fields now. Mr. Foster suggested that the parents and coaches come before Community Board #7's Parks Committee, and he introduced Paul Francis, Chair of the Community Board's Parks Committee. Mr. Foster said that the Community Board is the proper place for a discussion about lack of ball fields this season.

Update on Schedule, Costs, Construction Activities

Costs - *Attachment 4*

Mr. Daly asked if there were questions regarding the previously-circulated costs report. There were none.

Construction Update/Look-ahead – *Attachment 5*

Mr. Daly briefly presented the update:

Under CRO-311, although $14 million less was spent than planned, these funds are not available for construction of a Van Cortlandt Park (VCP) pedestrian bridge over the Major Deegan Expressway.

The CRO-312 contractors continue construction of the Croton Filter Plant facility at VCP. Most of the concrete is in place. Work is proceeding at the above ground Arrivals and Receiving Building, Chemical Fill Station and Vent Structures. Architectural features at the above ground buildings will begin next year. Installation of the 84" water main continues at the VCP front entrance driveway - the water main will be capped at Jerome Ave. and may be connected to distribution at a later time. Permanent electric power is in place at the plant, using two new Con Ed feeders. Con Ed is also constructing two additional backup feeders for the plant from a substation in Yonkers. Other utility work is ongoing, including water main and sewer piping in Jerome and Bainbridge Avenues which will continue during the next five months from 9pm to 6am on weekdays. Recently, a gas main was inadvertently cut and then repaired at Bainbridge and Jerome Avenues, as a result of inaccurate mark-out. Construction of onsite retaining walls is also underway. Construction ongoing in the treatment plant structure includes installation of mechanical, electrical, plumbing and HVAC equipment. The electrical work is advancing in two shifts on weekdays and in one shift on Saturdays. Water treatment equipment is being checked out and there are final inspections taking place in many areas of the plant.

The CRO-313 tunnel is complete. The contract is approaching its close-out.

CRO-312FM Force Main restoration of the test pits is expected to begin in the next few months.

Construction of the Shaft and Meter Chamber at JPR, including large diameter pipes and valves under CRO-312OS, is ongoing. Concrete has been placed; work is concluding on installation of mezzanine grating, drain piping and electrical work. Two new water mains were connected in Goulden Avenue and the roadway was restored by early January 2012. The next excavation, for water main repairs to an existing water main at Sedgwick and Goulden Avenues, near Gate House No. 7, is due to take place in July and August 2012. These repairs were not planned, but DEP must repair a leak in an existing water main that is not part of the Croton Filter Plant's construction. Until these repairs are made, connections of the Croton water mains at the corner of Sedgwick and Goulden Avenues cannot begin. The date when these connections will be made is still under review.

It is unlikely that DEP will require trench blasting for installation of yard piping at the JPR site; the contractor has been using mechanical means for excavation, and work has been proceeding.

Sluice gate replacement and upgrades are underway at Gate House No. 5 and Gate House No. 7. At Gate House No. 5, twenty-two sluice gates will be replaced. At Gate House No. 7, seven existing sluice gates will be refurbished. Electrical work is also underway inside Gate House No. 5. At Gate House No 1, the gate replacement work on two sluice gates has started and will take several more months to complete. Gate House No. 2 has been inspected. It is in very poor condition, and is currently surrounded by scaffolding. The building will eventually be demolished. As discussed previously, replacement architecture for the structure would likely be consistent with the architecture of the other Gate Houses. The State Historic Preservation Office (SHPO) must approve removal of Gate House No. 2. Gate House No. 2 is located above the area where the North Basin water enters for recirculation back to Gate House No. 5, and is above drainage facilities for the North Basin. The Gate House 2 work is independent of the other JPR work. Although originally constructed in 1905, the "cap" on the structure that is damaged was built in 1938.

Because of extensive rehabilitation work, DEP is developing a new contract for rehabilitation of the remaining Gate House buildings. The new contract will cover the plans for rehabilitation or removal of Gate Houses No. 2, No. 3, and No. 6. Gate House No. 6 will not be connected to the water supply system under the new distribution system.

Work on the South Basin Ramp at JPR is complete. The water in the South Basin is now draining out of JPR.

As previously reported, JPR is not expected to impound water for the city's distribution system until the Croton Filter Plant goes on line unless there is an emergency. No chlorine is on site.

Where the demonstration filter plant was located, the remaining floor slab will be removed, and the property will be turned over to DPR.

The noise wall along Goulden Avenue will come down next year, and this area will be landscaped.

Under Contract CRO 334, work is underway to construct a concrete plug adjacent to Shaft 21 at JPR. A large crane is located over Shaft 21 to support this work. The Low Service Shaft cap work at the Shaft and Meter Chamber will follow the installation of the plug.

Update on Croton Jobs —*Attachment 6*
Mr. Lanaghan and Thomas Farrell, Construction Manager, spoke briefly on the current Croton jobs report and largest purchases. Several CFMC representatives expressed disappointment that there are fewer Bronx jobs. The total number of jobs has decreased by 100 since the last report.

CFMC Discussion
The CFMC scheduled the next meeting for Thursday, April 19, 2012.

The CFMC agreed to go into Executive Session, and Mr. Foster adjourned the CFMC meeting at 8:50 pm.

3/15/2012

NYC DEP - CROTON FMC

Attachment 1

Name	Organization / Company	Address	Phone	Fax	E-Mail
Josh Sager, P.E.	Department of Environmental Protection	96-05 Horace Harding Exp Flushing NY 11368	(718) 595-3081		jsager@dep.nyc.gov
Thomas Farrell, PE	URS-MP Construction Management	3701 Jerome Avenue Bronx, NY 10467	(718) 696 2000		thomas.farrell@shawgrp.com
Ed Neisch, P.E.	URS-MP Construction Management	3701 Jerome Avenue Bronx, NY 10467	(718) 696-2000		ed.neisch@arcadis-us.com
Marcella Silverman	Bronx Science Parents Association	17 Warren Street New York NY	(917) 533-7398		mbsilver@aol.com
Nick Bader	Bronx Science Student	55 Hudson Sreet New York NY	(212) 227-8607		
Kyle Maer	Bronx Science Student	17 Warren Street New York NY	(212) 608-4137		
Hector Aponte	Bronx Parks Commissioner	1 Bronx River Parkway Bronx NY	(718) 430-1801		hector.aponte@parks.nyc.gov
Lauren Competello	Department of Environmental Protection	96-05 Horace Harding Exp Flushing NY 11368	(718) 595-6221		laurenc@dep.nyc.gov
Andrew Penzi	Department of Parks & Recreation	Olmstead Center Flushing Meadows Corona Park	(718) 760-6577		andrew.penzi@parks.nyc.gov
Martha Holstein	Strategic Urban Solutions, Inc.	335 Adams Street Brooklyn, NY 11201	(718) 625-1005 x. 223	(718) 625-1032	mholstein@urbansol.com
Bernard Daly, P.E.	DEP BEDC Project Manager	3701 Jerome Avenue Bronx, NY 10467	(718) 696-2000	(718) 324-3034	Bdaly@dep.nyc.gov
Alex Gron	Bronx Science Student	605 East 82nd Street New York NY 10028	(212) 628-9895		
Paul Foster	Community Board #7	229A East 204th Street Bronx NY 10458	(718) - 933-5650		pfoster@cb.nyc.gov
Wilhelm Ronda	Office of Bronx Borough President Diaz	198 East 161st Street Bronx, NY 10451	(718) 590-8087		wronda@bxbp.nyc.gov
Michael McGrath	Bronx High School of Science	75 West 205th Street Bronx, NY	(718) 817-7770		mcgrath@bxscience.edu
Richard Barr	Bronx Science Parents Association	203 West 86th Street New York NY	(212) 877-2694		richardedbarr@aol.com
Karen Argenti	BCUE	PO Box 346 Bronx NY 10471	(646) 529 1990		kabx101@gmail.com
Jane Sokolow	BCUE	2 Spaulding Lane Bronx NY 10471	(718) 548-8090		jsbx101@gmail.com

3/15/2012 **NYC DEP - CROTON FCMC**

Page 2 Continued.....

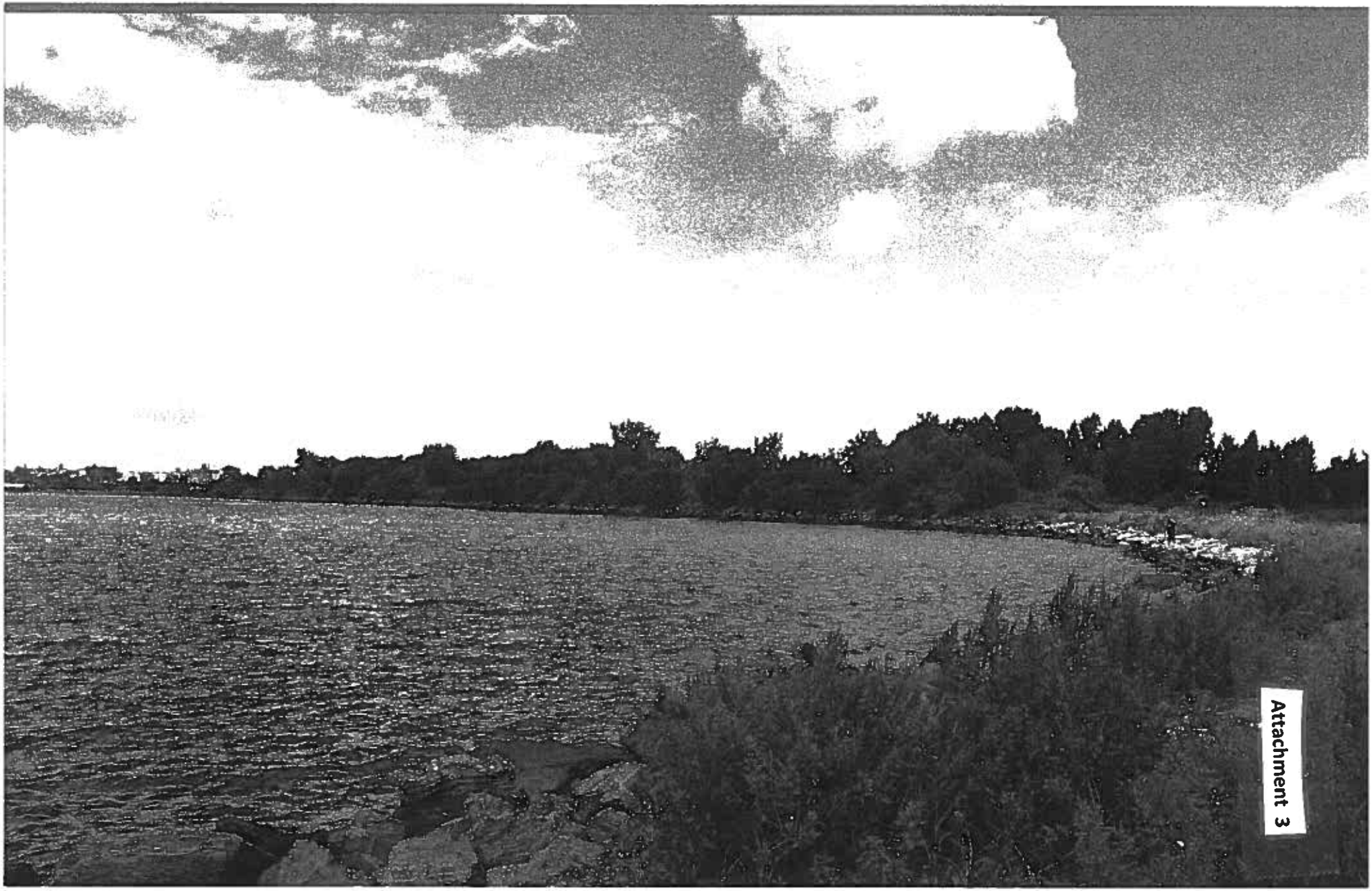
Name	Organization / Company	Address	Phone	Fax	E-Mail
Bob Bender	Community Board #8	5676 Riverdale Avenue Bronx NY 10471	(718) 884-4740		bobbender@optonline.net
Steve Des Noyer	Department of Parks & Recreation	Olmstead Center Flushing Meadows Corona Park	(718) 760-6617		steve.desnoyer@parks.nyc.gov
Nicholas Reade	Bronx High School of Science	75 West 205th Street Bronx NY	(917) 526-0069		nicholasreade@aol.com
Jamin Sewell	Office of Council Member Oliver Koppell	3636 Waldo Avenue Bronx NY 10463	(718) 549-7300		jsewell@council.nyc.gov
William Francis	Community Board #7	229A East 204th Street Bronx NY 10458	(718) 933-5650		bill2559@gmail.com
Glen Price	Bronx High School of Science	75 West 205th Street Bronx NY			glenapriceiii@hotmail.com
Cliff Stanton	Bronx High School of Science Parents Assn	3861 Cannon Place Bronx NY 10403	(917) 699-5241		clifford.stanton@yahoo.com
Anne Raopold	Bronx High School of Science Parents Assn	222 West 83rd Street New York NY 10024	(212) 496-9590		
Gary Axelbank			(718) 960-8707		gaxinthebronx@gmail.com
Mark Lanaghan	Department of Environmental Protection	59-17 Junction Blvd Flushing NY 11368	(718) 595-3519		markl@dep.nyc.gov

Agenda
Croton Facility Monitoring Committee Meeting

Thursday, March 15, 2012 – 7:00 PM
DEP Office – 3660 Jerome Avenue, Bronx NY 10467 - (718) 231-8470

I Welcome	Paul Foster, Chair
II Consider and Adopt This Meeting Agenda	CFMC Representatives
III Consider, Adopt 2/16/12 Meeting Minutes	CFMC Representatives
IV Update on JPR Jogging Path Approval By Public Design Commission	Steve Des Noyer, DPR
V Presentation of Status of Croton-funded Parks	Hector Aponte, DPR Steve Des Noyer, DPR
VI Croton Construction Update, Schedule And Costs	Bernard Daly, P.E., DEP
VII Croton Jobs and Bronx Purchases	Mark Lanaghan, DEP
VIII CFMC Discussion, Set Next Meeting	CFMC Representatives
IX Adjourn	

The Croton Program



Attachment 3

Legend

Croton Mitigation Projects

Status

- Complete
- Construction
- Design

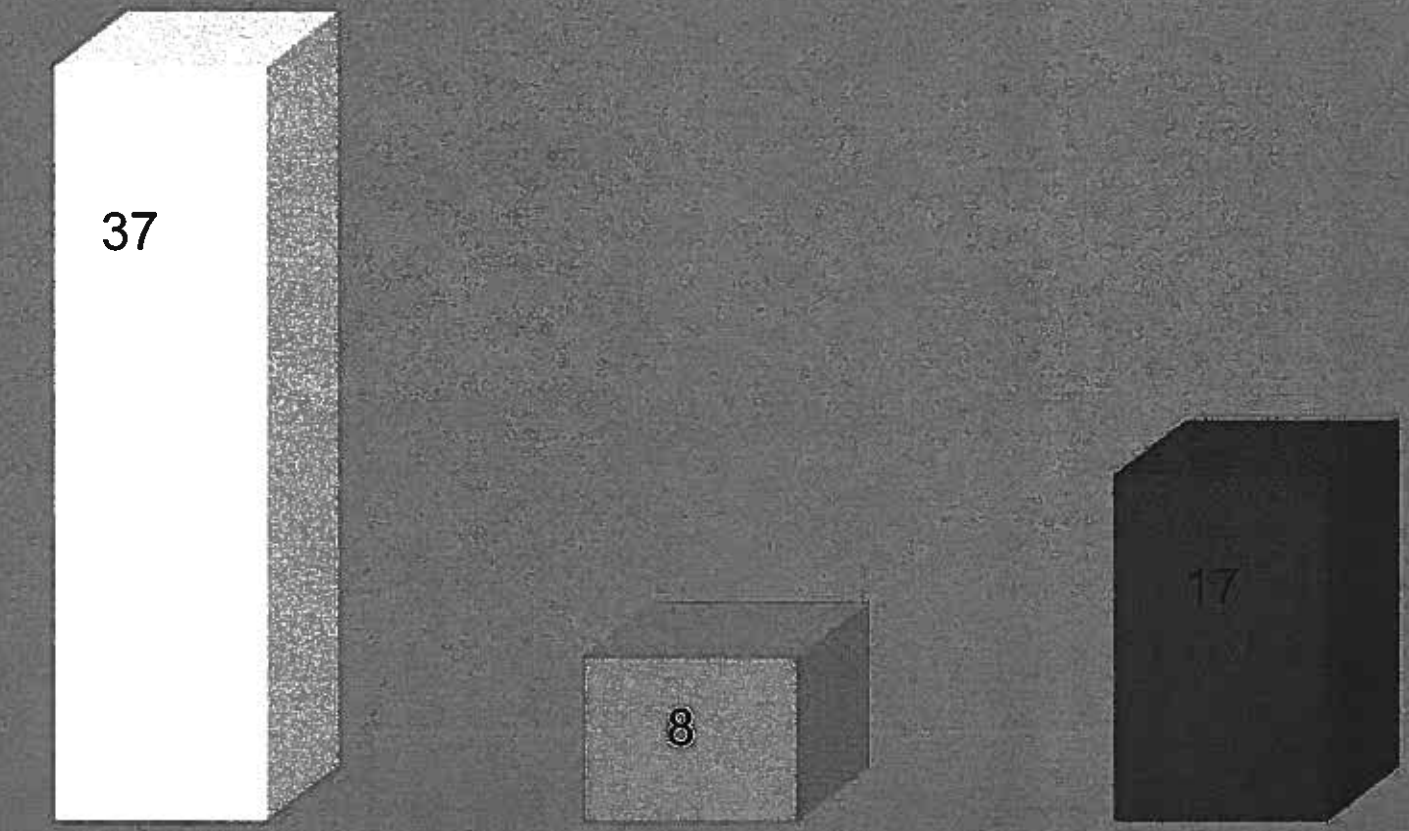
City of New York
Parks & Recreation

CROTON MITIGATION PROJECTS

CROTON PROGRAM OVERVIEW:

MOU Total DPR Projects	62	
Projects Completed	37	$ 91,100,000
Projects In Construction	8	37,800,000
Projects in Design	17	45,500,000
Construction Contingency		5,600,000
Total DPR MOU		**$180,000,000**
Roberto Clemente State Park		$ 10,000,000
NYSERDA		10,000,000
Total MOU		**$200,000,000**
ULURP/FEIS/MOA		
DEP Managed Projects		$ 17,420,000
Parks pre-2004 Projects		9,100,000
Other DEP Funding to Parks		14,560,000
Included with Park MOU		6,050,000
Total ULURP/FEIS Projects		**$ 47,130,000**
Total Croton Mitigation Funds		**$247,130,000**

PROGRESS BREAKDOWN:



CROTON PROJECTS COMPLETED

CB 7 - HARRIS PARK SYNTHETIC BALL FIELDS

Phase I

W. 205th Street & Bedford Park Blvd (between Goulden and Paul Avenues)

Total project $15,000,000

Complete Fall 2010

CB 7 - SACHKERAH WOODS PLAYGROUND

Jerome Avenue & W. Gunhill Road

$2,662,380

Complete Spring 2007

CB 7 - ST. JAMES

Phase III

Jerome Avenue & E. 193rd Street

$1,045,000

Complete Fall 2008

CB 7 - ST. JAMES

Phase IV

Jerome Avenue & E. 193rd Street

$2,525,455

Complete Fall 2008

CB 7 - WILLIAMSBRIDGE OVAL

TRACK & FIELD

Van Cortlandt Avenue East & Reservoir Oval East

$3,119,264

Complete Fall 2008

CB 7 - WILLIAMSBRIDGE OVAL PLAYGROUND

Van Cortlandt Avenue East & Reservoir Oval East

$6,100,000

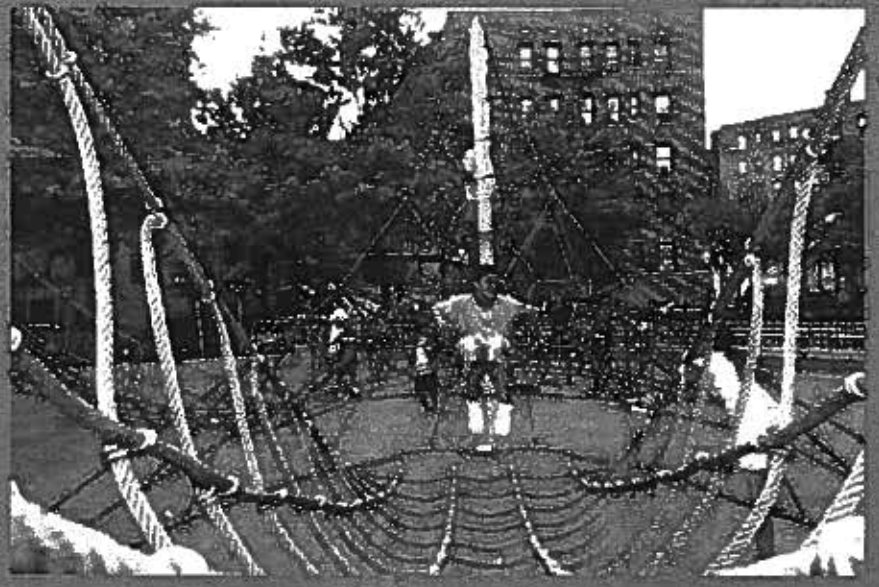
Complete Fall 2011

CB 7 - DEVOE PLAYGROUND

W. Fordham Road & Sedgwick Avenue

$ 2,356,996

Complete 2008



CB 8 - VCP ALLEN SHANDLER PICNIC AREA

In vicinity of Jerome and Bainbridge Avenues

$1,291,936

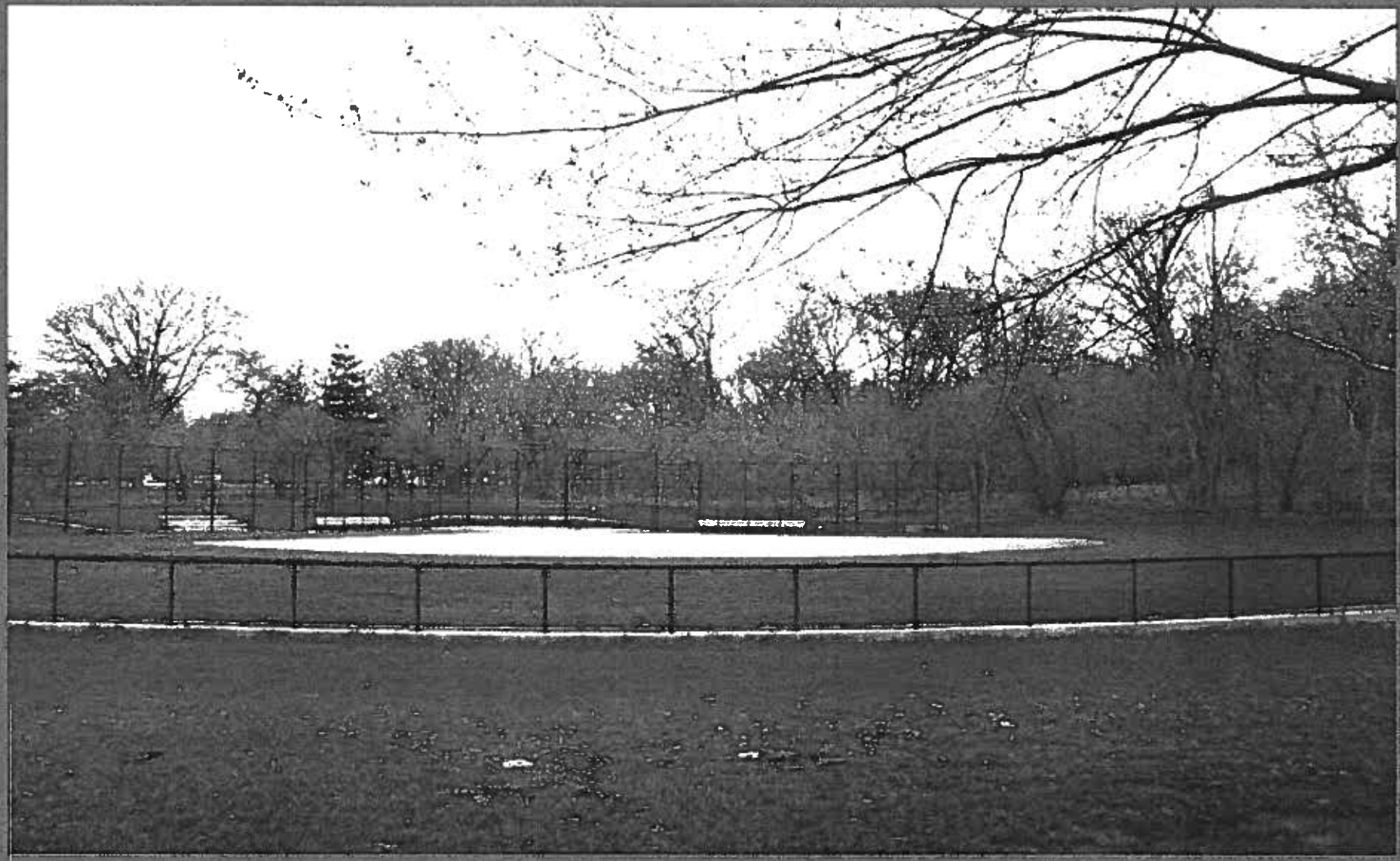
Complete Fall 2009

CB 8 - ALLEN SHANDLER BALLFIELD

In vicinity of Jerome and Bainbridge Avenues

$460,627

Complete Fall 2009



CB 8 – VAN CORTLANDT PARK

SHANDLER WETLANDS SIGNAGE

In vicinity of Jerome and Bainbridge Avenues

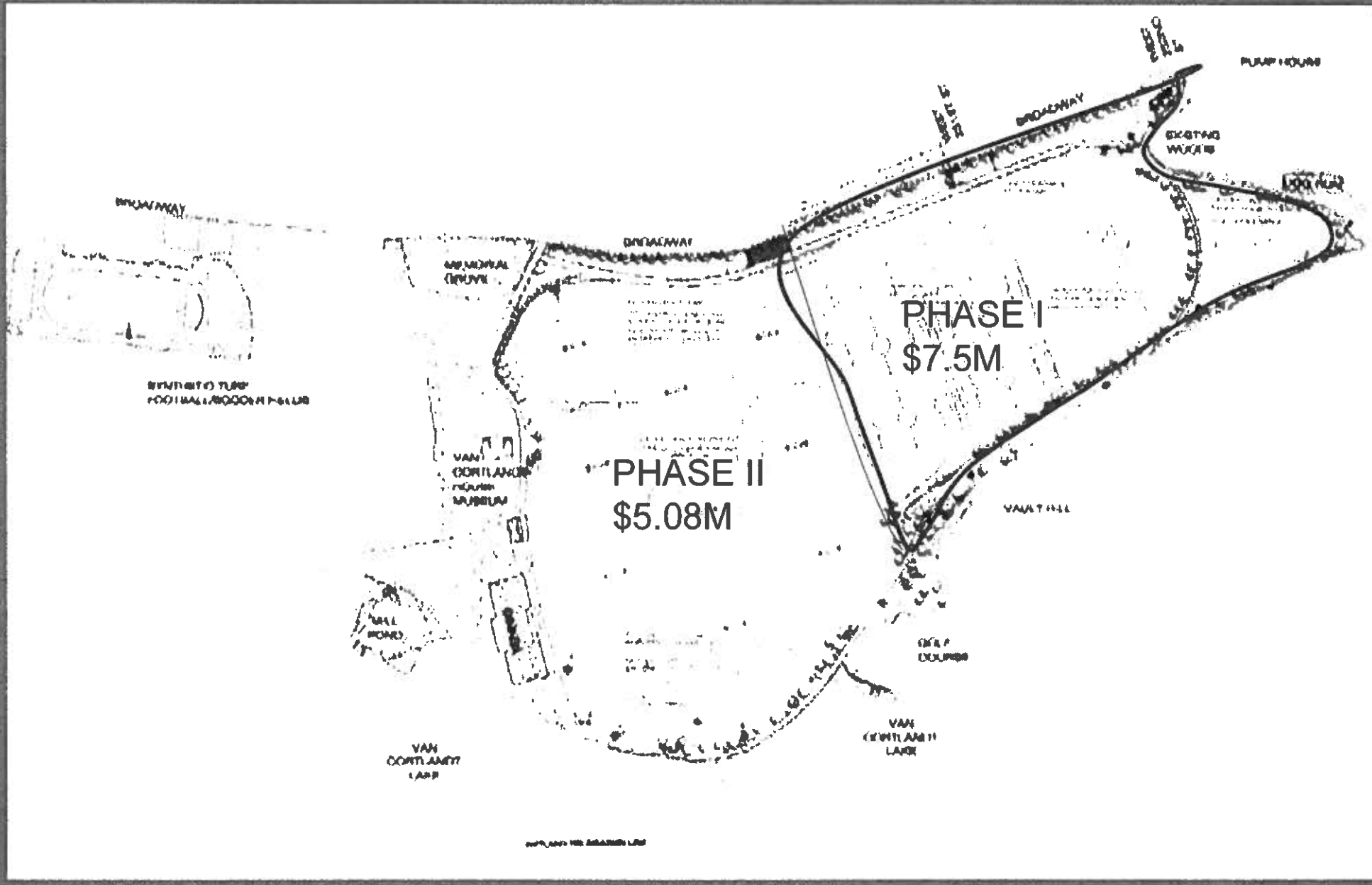
$50,000

Complete Fall 2009

CB 8 - VCP PARADE GROUNDS SCHEMATIC

W. 242nd Street & Broadway

Total Budget $12,586,596



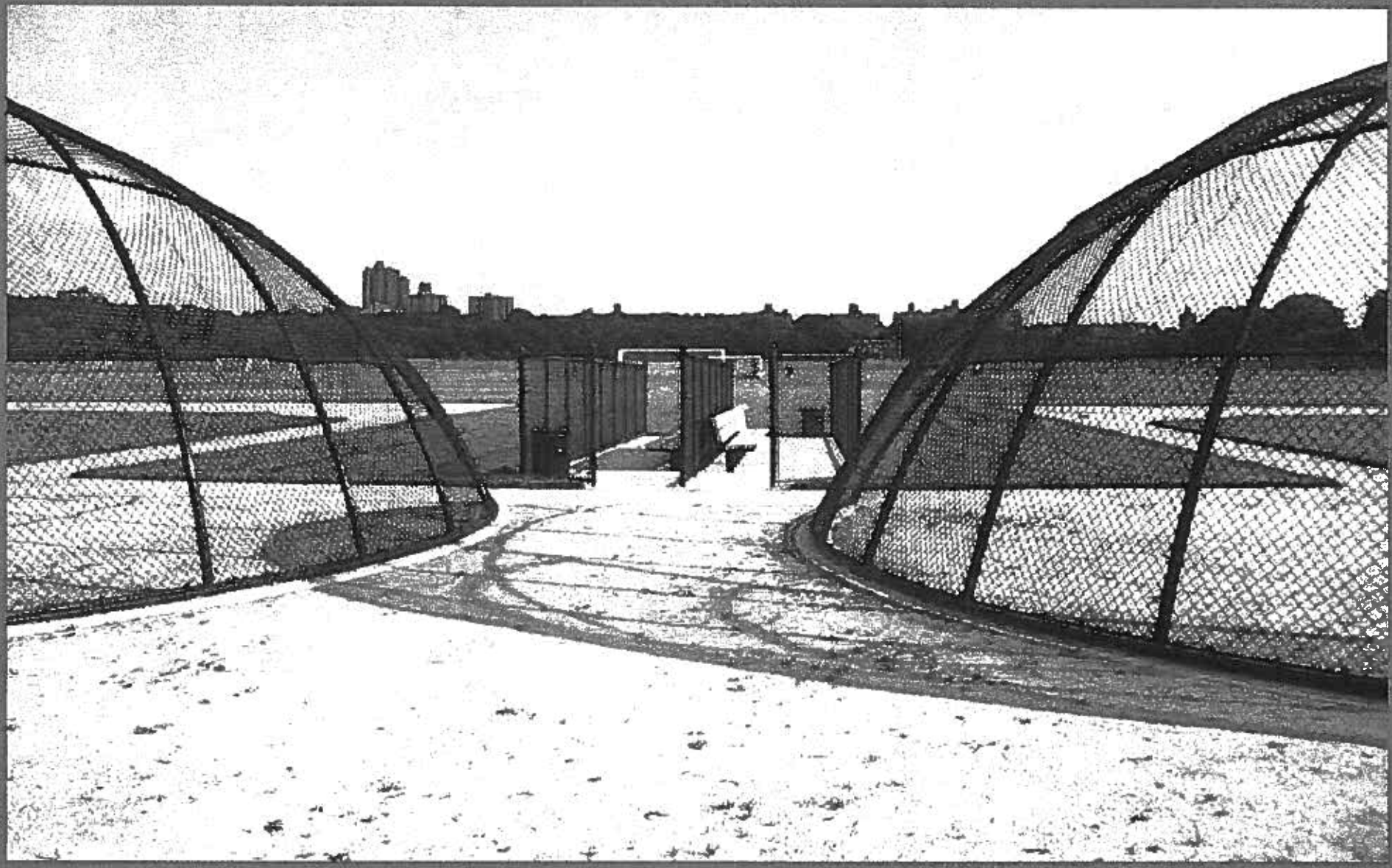
CB 8 - VCP PARADE GROUNDS

Phase I

W. 242nd Street & Broadway

$7,500,000

Complete Spring 2010

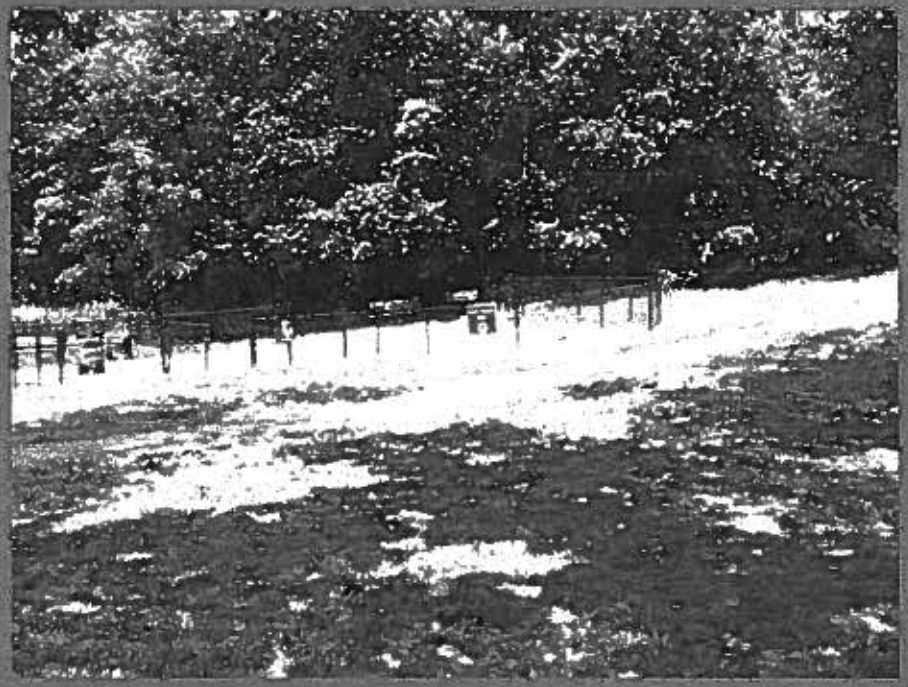


CB 8 – VAN CORTLANDT ALLEN SHANDLER DOG RUN

GUNHILL ROAD AND KNOX PLACE

$88,450

Complete Fall 2009



CB 12 - EDENWALD PLAYGROUND

Schieffelin Avenue and E. 229th Street

$1,676,171

Complete Fall 2009

CB 12 - HAFFEN PARK ATHLETIC FIELD

Gunther and Hammersley Avenues

$1,036,040

Complete Summer 2006

CB 12 - SETON FALLS PATHWAYS

E. 233rd Street between Seton & Baychester Avenues

$1,129,109

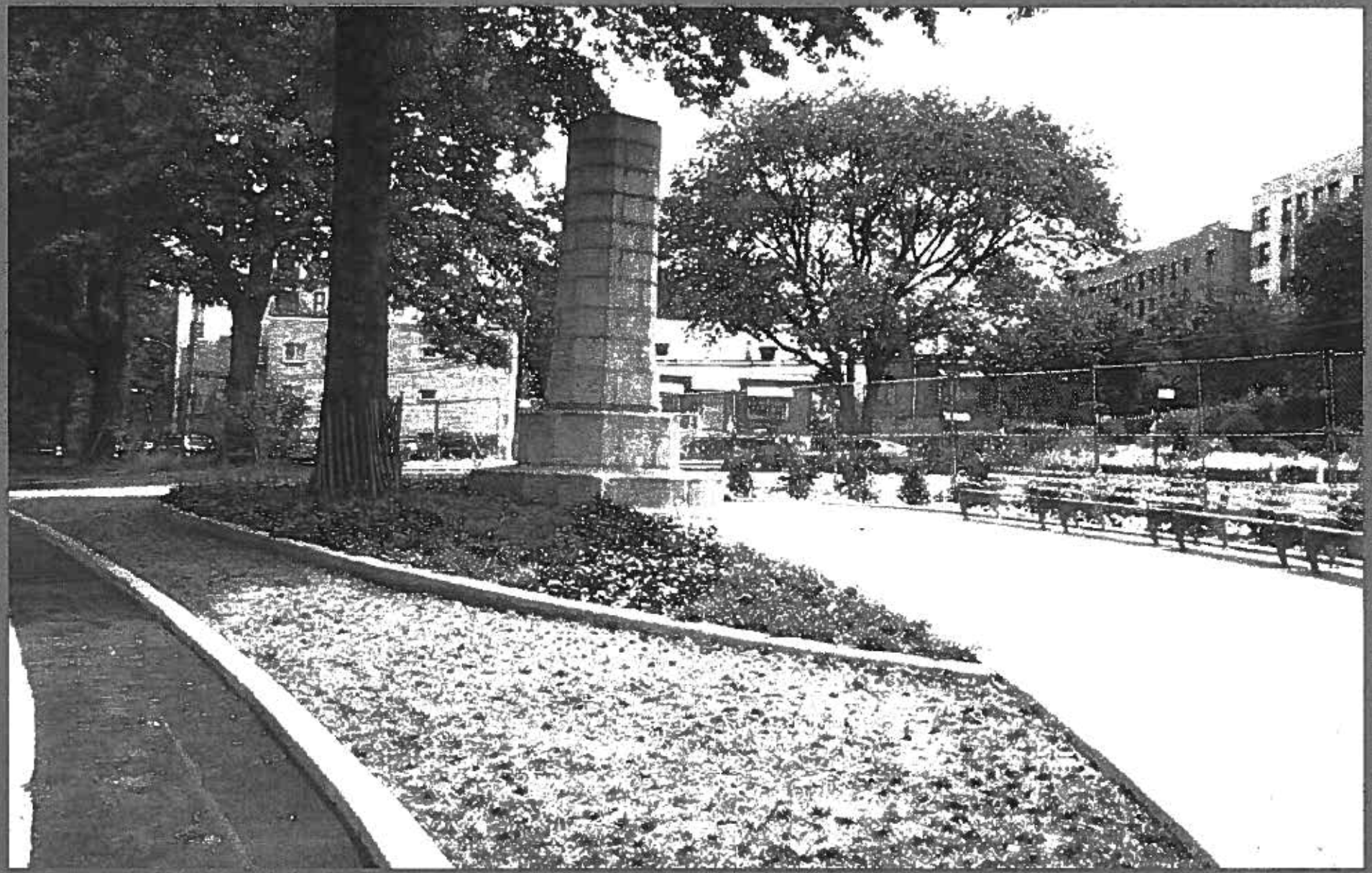
Complete Summer 2007

CB 12 - EAST 219TH ST. BRONX PARK EAST

East 219th Street & Bronx Park East

$277,234

Complete Summer 2009



CB 12 - VCP NURSERY

Van Cortlandt Park East at E. 242nd Street

$730,280

Complete Winter 2011

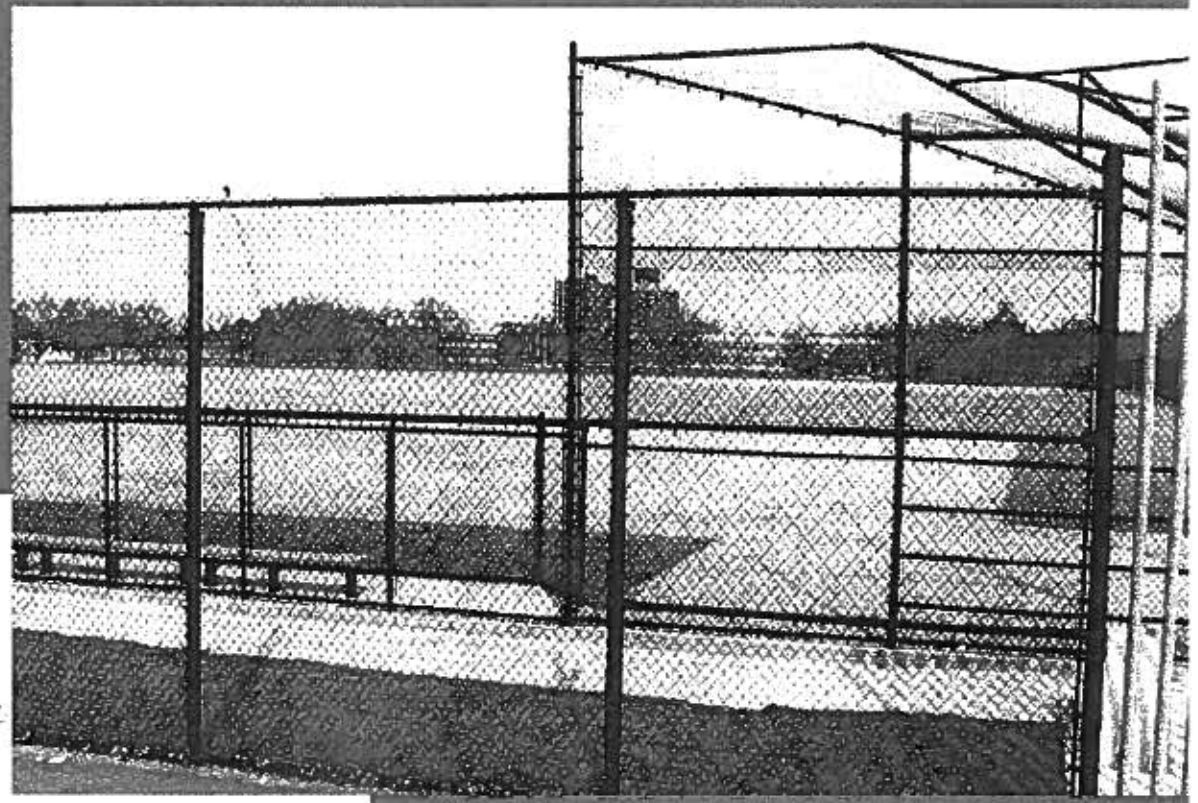
PROJECTS IN CONSTRUCTION

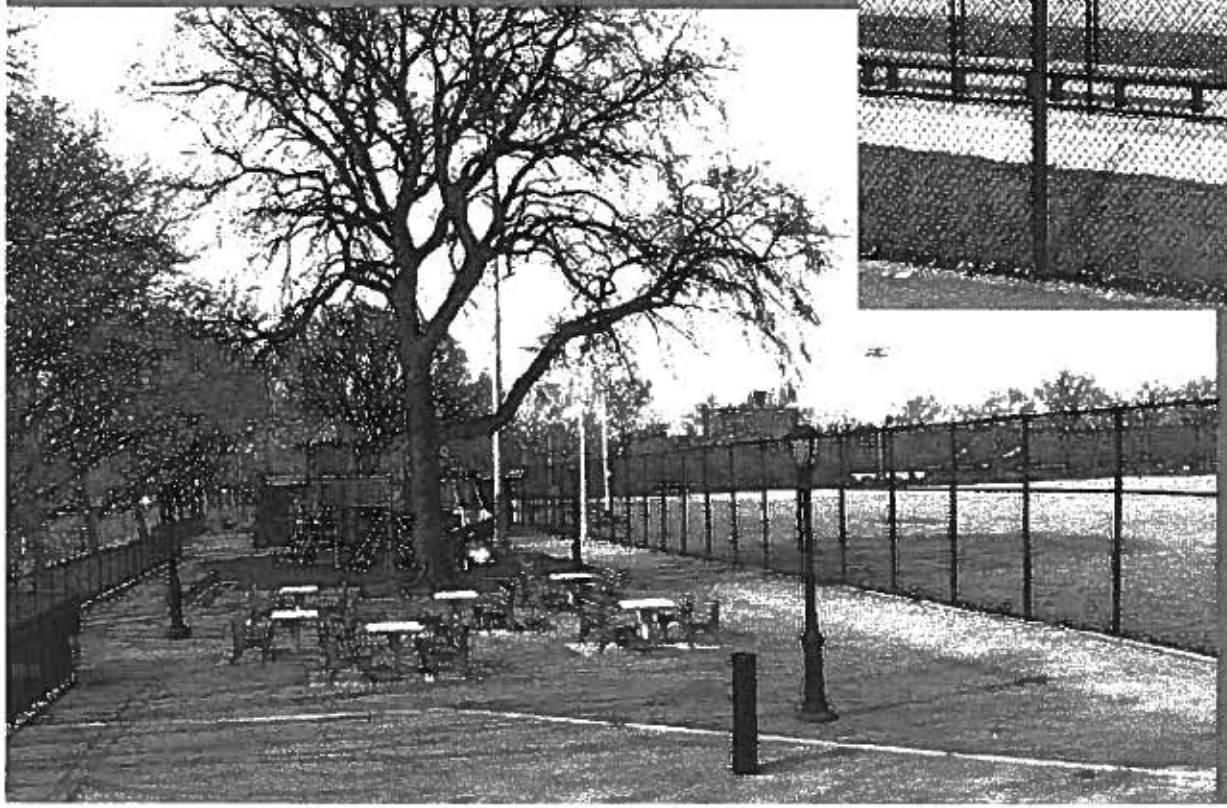
CB 7 - HARRIS PARK

Phase II

W. 205th Street & Bedford Park Blvd (between Goulden and Paul Avenues)

Total project $15,000,000





CB 7 – Williamsbridge Oval

Recreation Center

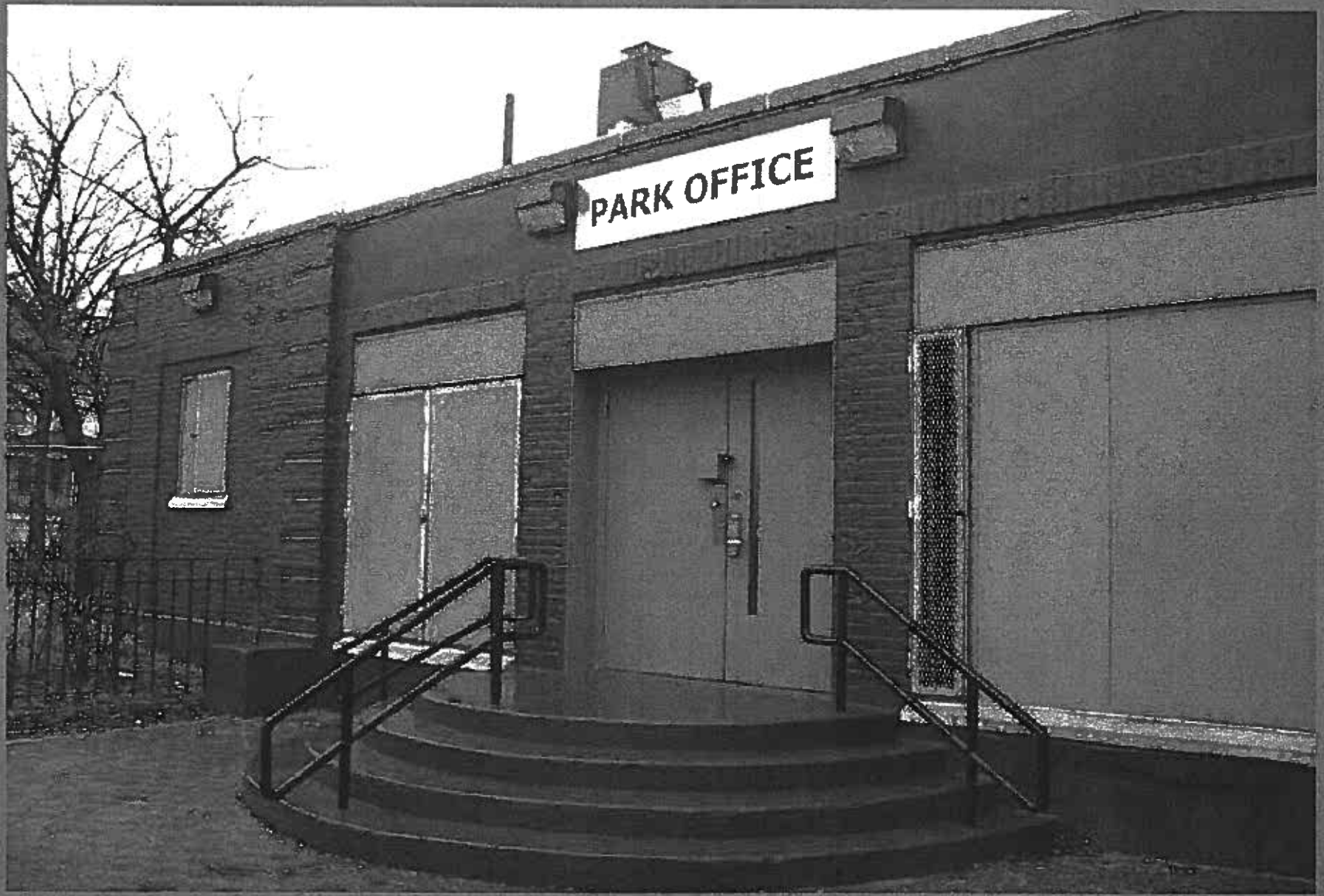
Van Cortlandt Avenue East & Reservoir Oval East

$4,055,000

CB 7 - DEVOE COMFORT STATION

W. Fordham Road between University & Sedgwick Avenues

$878,275



CB 8 - VCP PARADE GROUNDS

Phase II - Cricket Fields

W. 242nd Street & Broadway

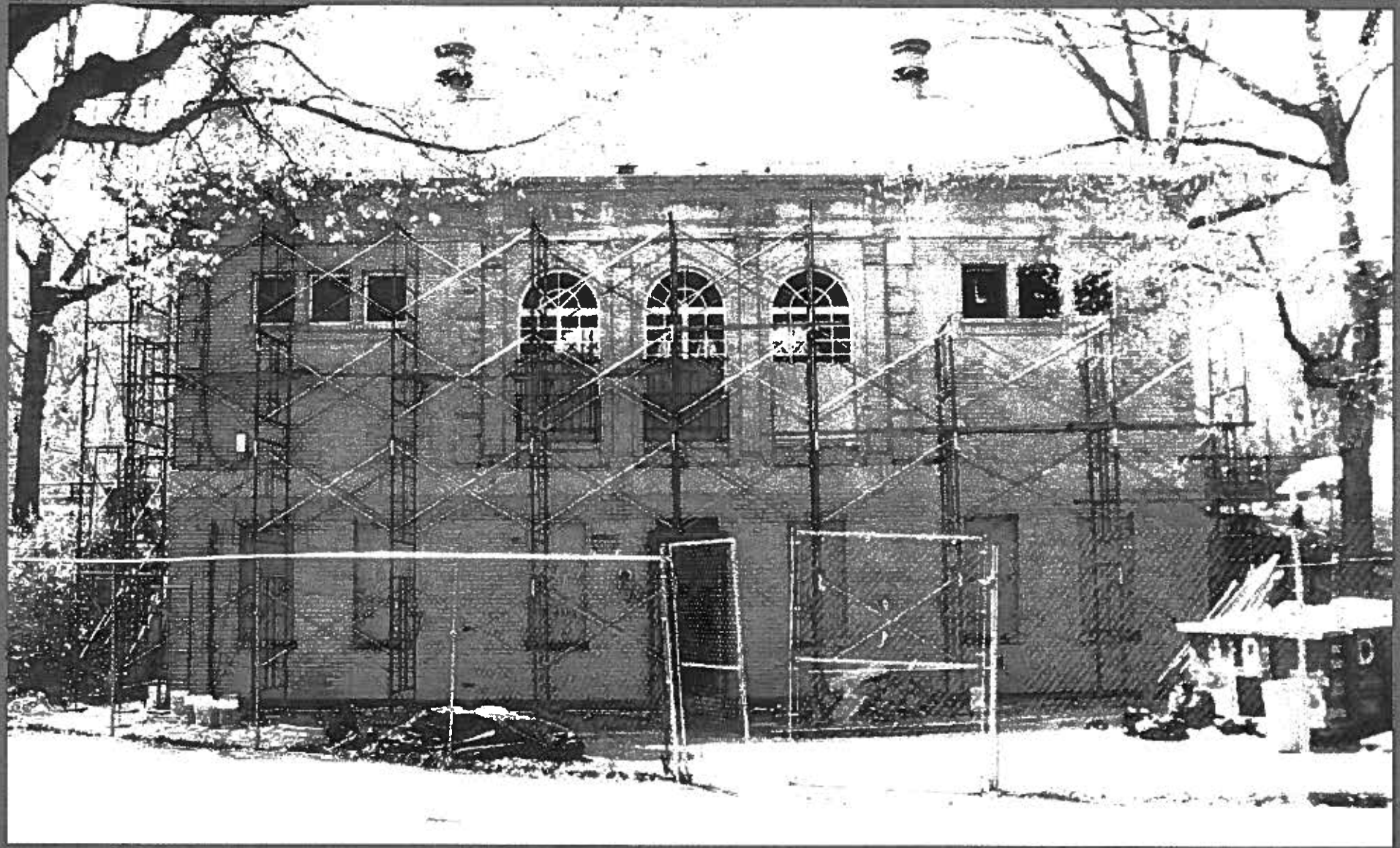
$5,080,000

CB 8 – Van Cortlandt Park

Comfort Station & Operations Facility

242nd Street & Broadway

$1,400,000

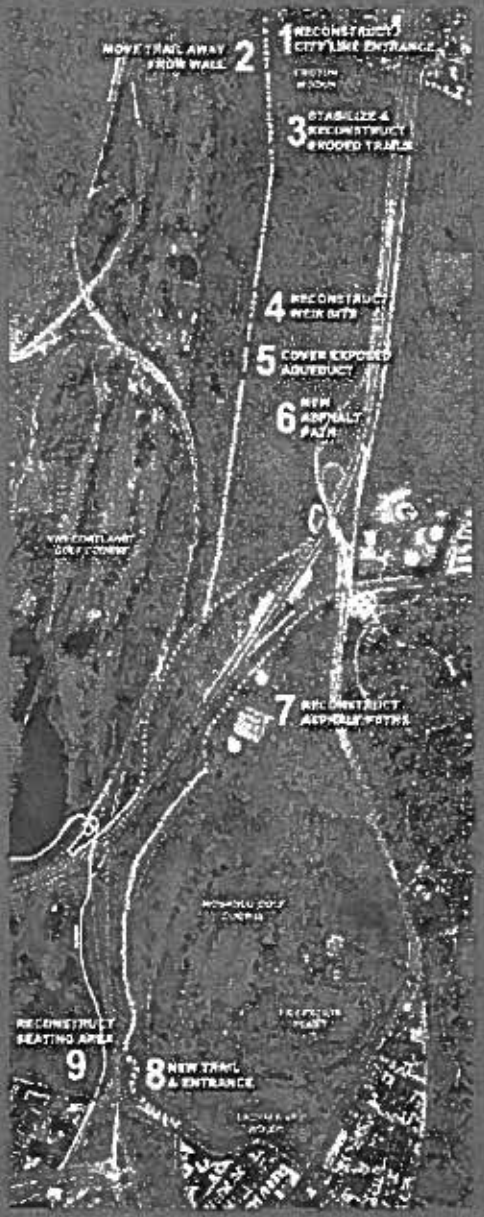


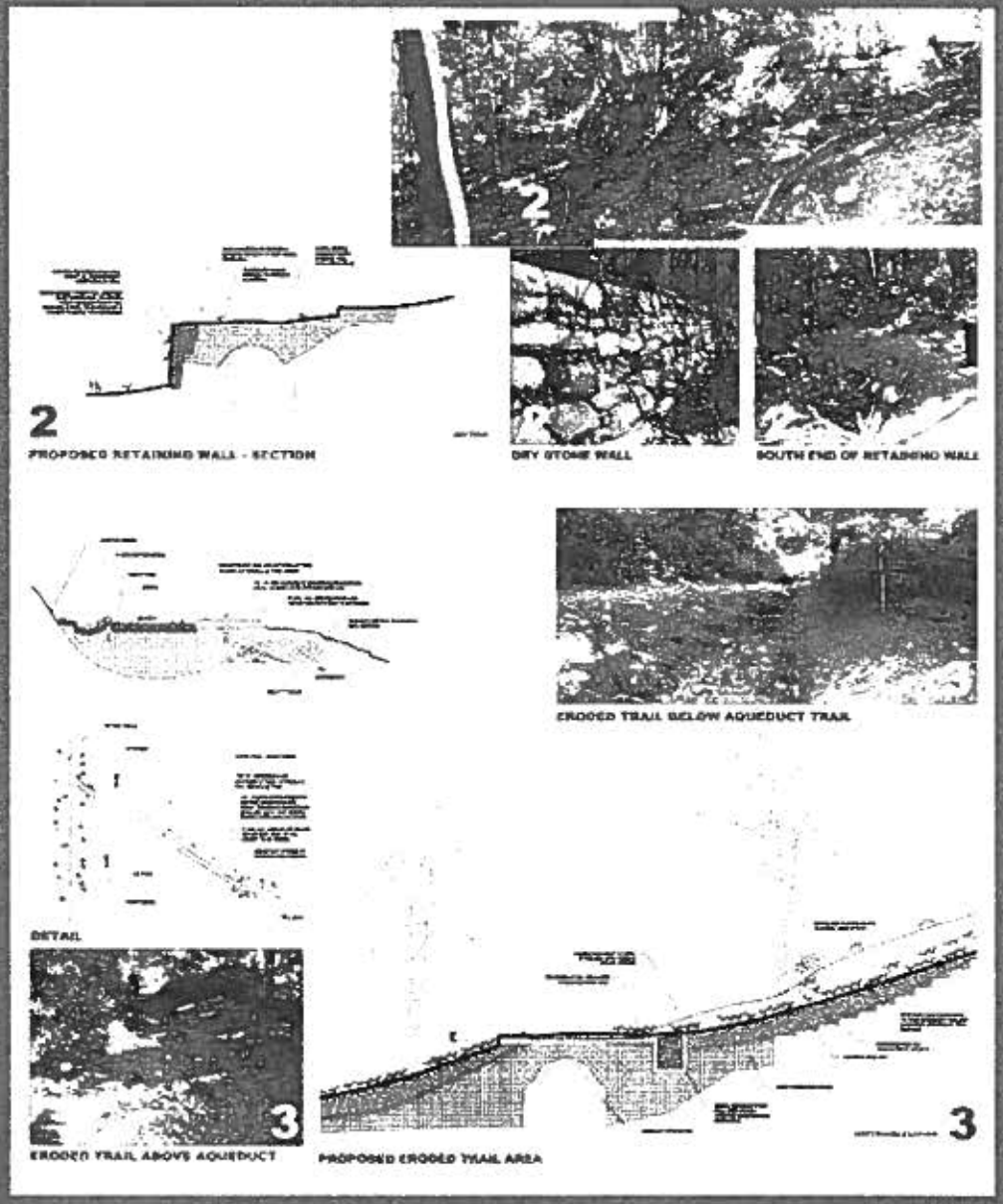
CB 8 - Van Cortlandt Park

OLD CROTON AQUEDUCT TRAIL

Between Major Deegan & Mosholu Parkway

$1,978,056



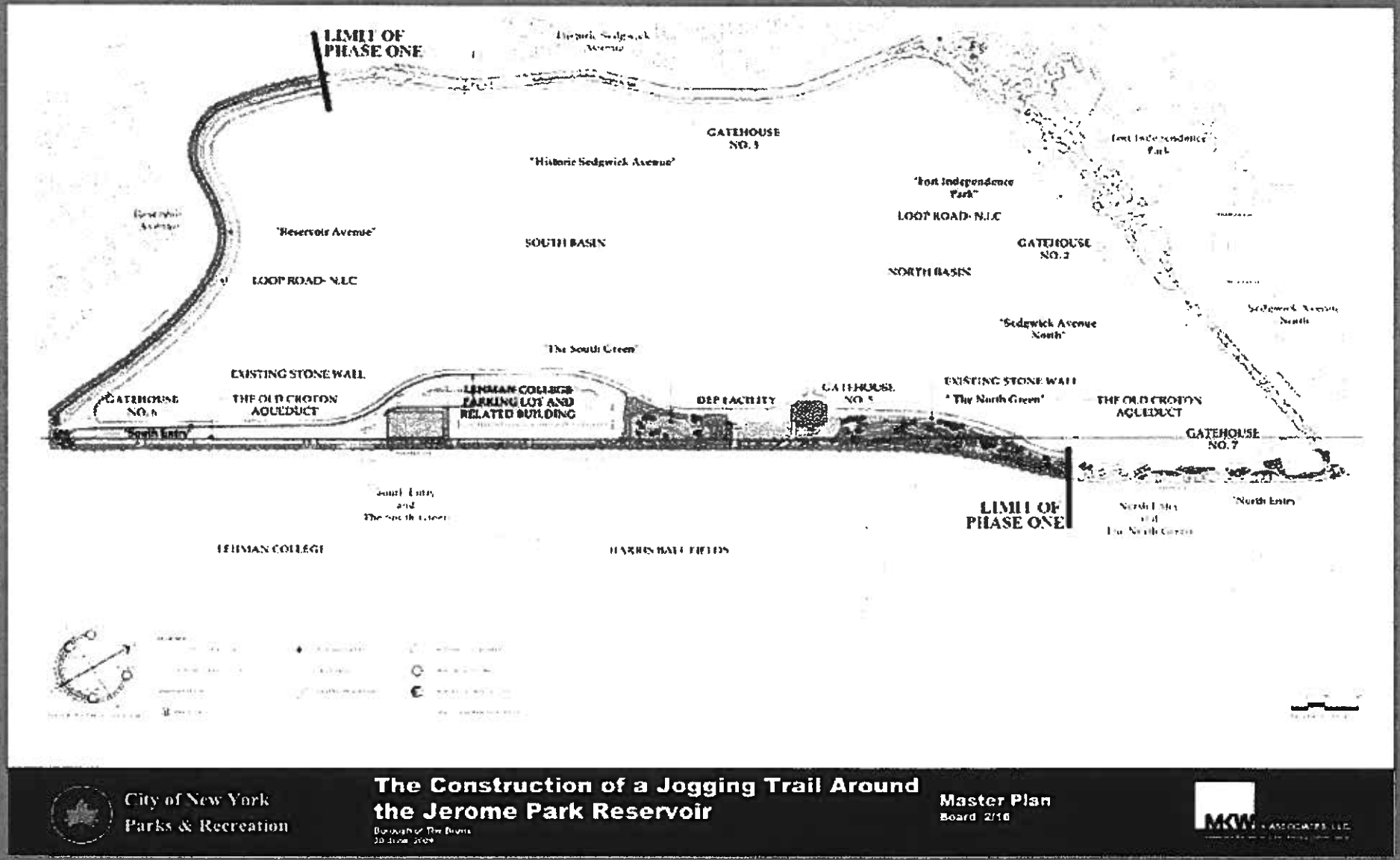


PROJECTS IN DESIGN

CB 7 - JEROME RESERVOIR JOGGING TRAIL

Sedgwick Avenue to Goulden Avenue

$4,500,000



City of New York
Parks & Recreation

The Construction of a Jogging Trail Around the Jerome Park Reservoir

Borough of The Bronx

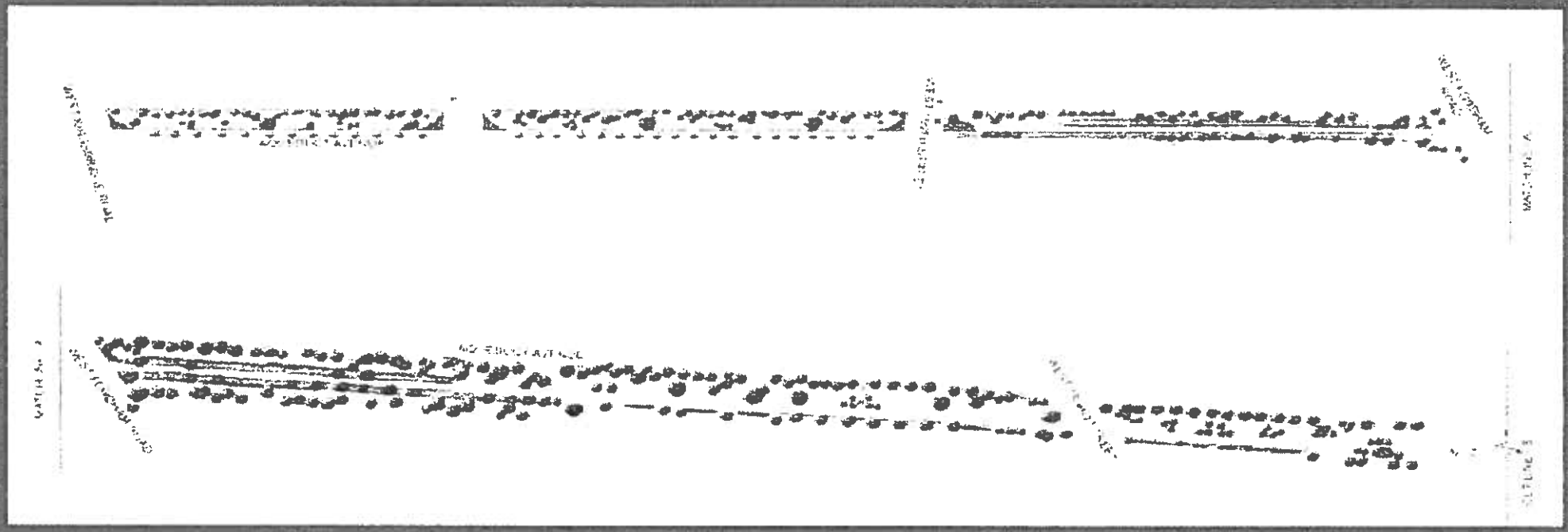
Master Plan
Board 2/10

MKW & ASSOCIATES, LLC

CB 7 - AQUEDUCT WALK

Aqueduct Avenue W. between W. Kingsbridge Road & 182nd Street

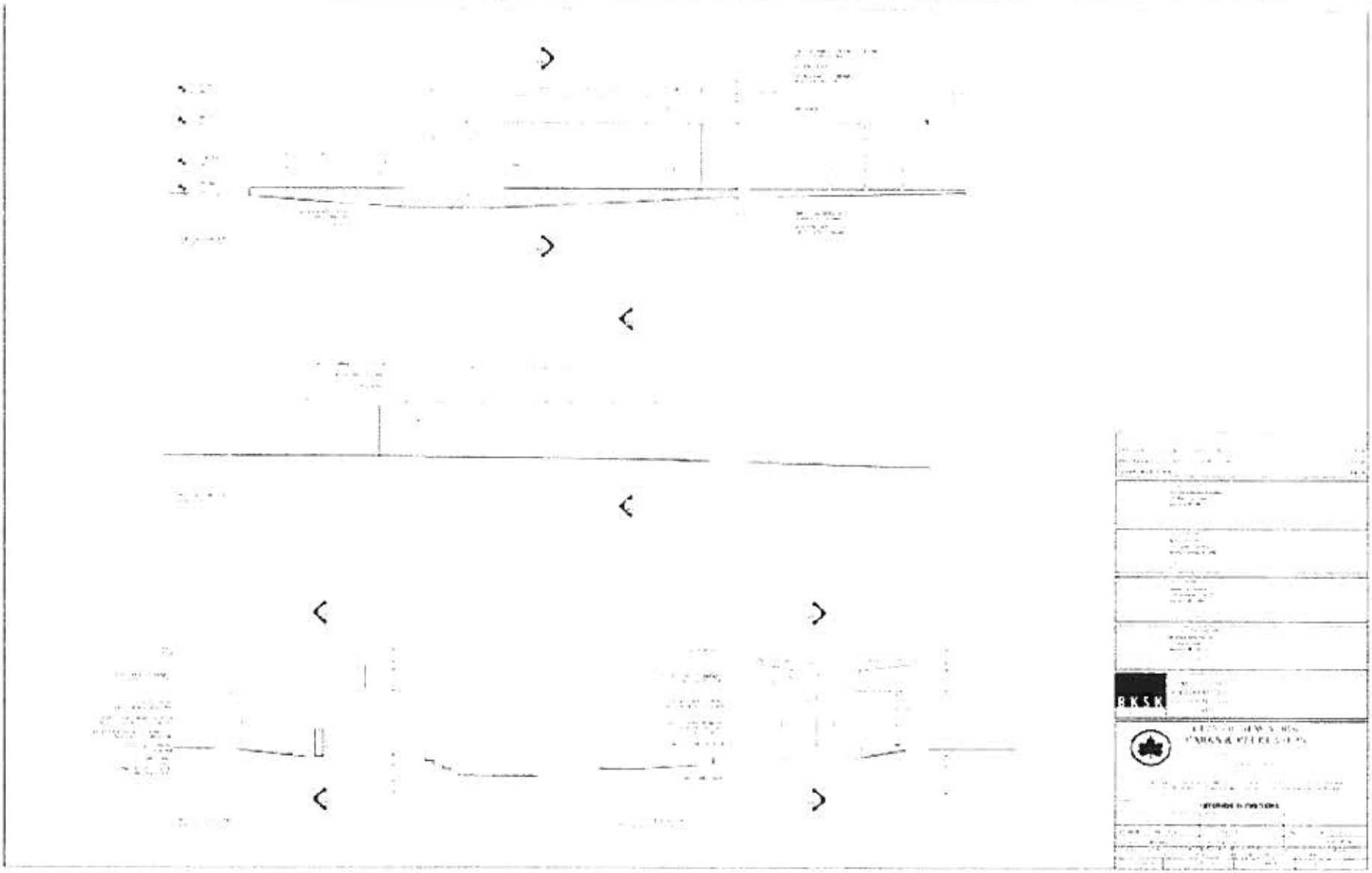
$4,800,000



CB 7 - AQUEDUCT WALK COMFORT STATION

Aqueduct Avenue E. at W. 182nd Street

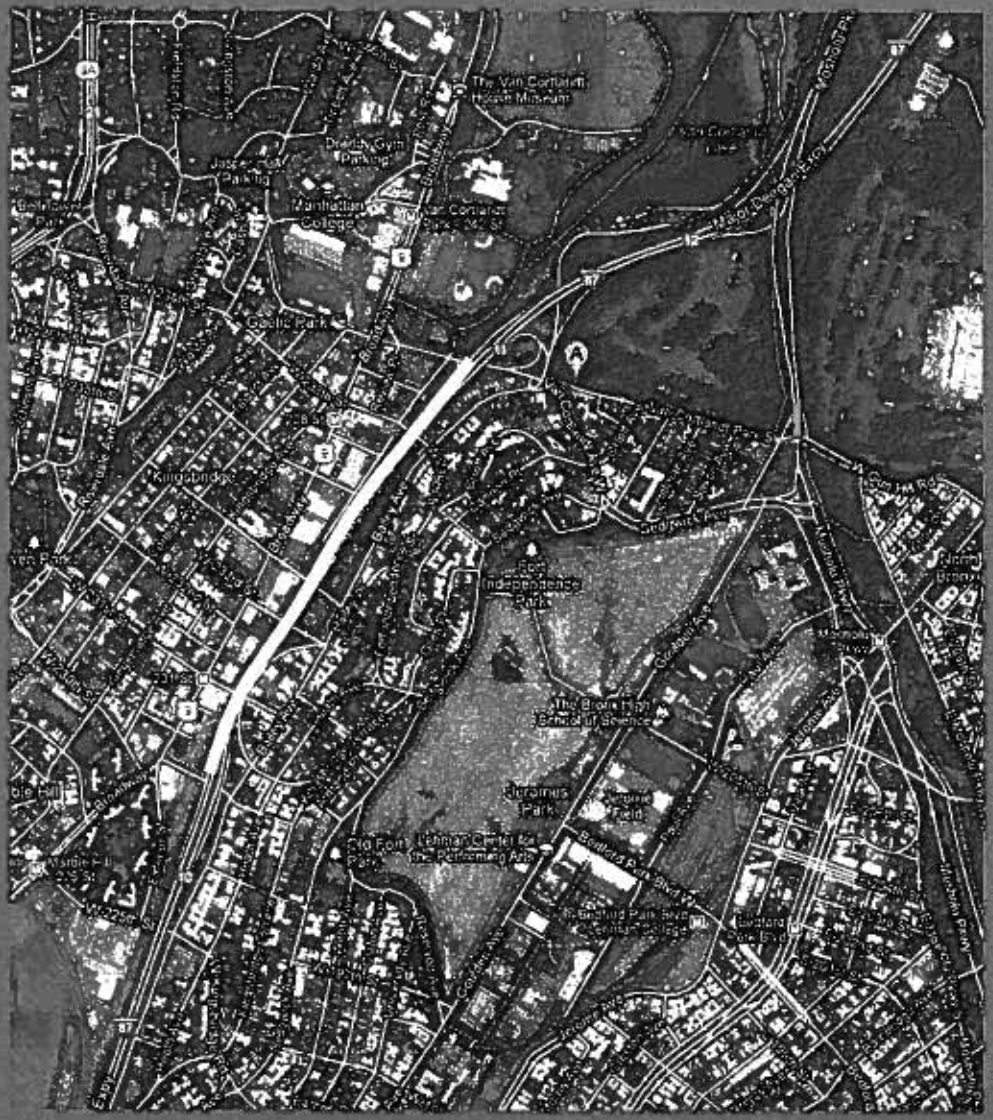
$1,628,874



CB 8 – Putnam Trail: Acquisition of Right of Way

Between the Van Cortland Park South and 230th Street

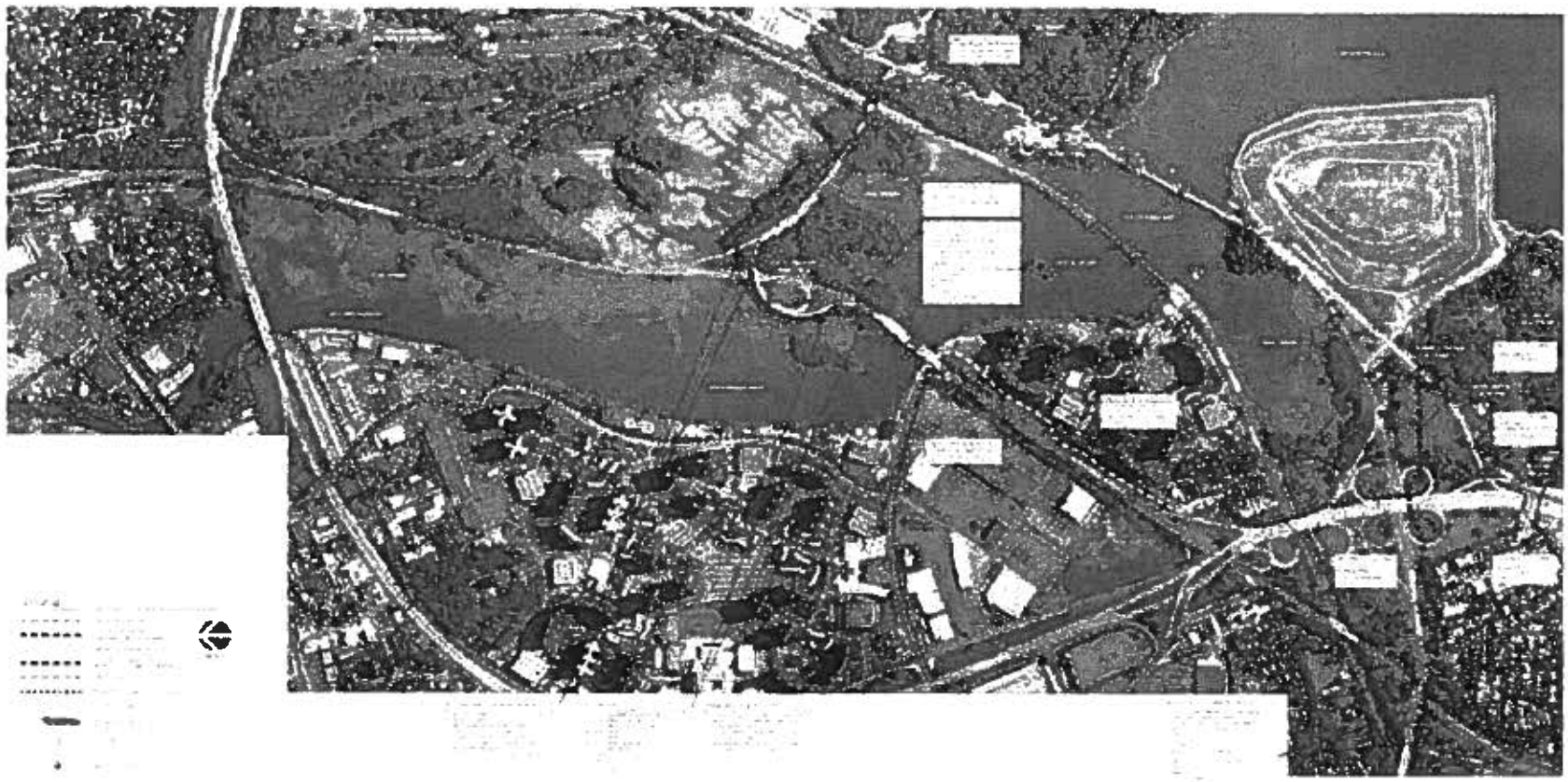
$1,904,930



CB 12 - HUTCHINSON RIVER GREENWAY

between Pelham Parkway and Bartow Pell Circle

$1,241,645



ADDITIONAL PROJECTS IN DESIGN:

CB 3 - CROTONA PARK MEZZANINE	$850,000
CB 8 - OLD CROTON AQUEDUCT SIGNAGE	$600,000
CB 9 - SOUNDVIEW AMPHITHEATER	$800,000
CB 9 - PUGSLEY PLAYGROUND	$629,000
CB 10 - FERRY POINT PARK COMFORT STATION	$2,142,000
CB 11 - PELHAM PARKWAY	$1,350,000
CB 12 - VCP GREENHOUSE	$2,500,000
CB 12 - 233rd STREET GREENWAY	$2,500,000

Croton Tree Replacement Project

Forest Restoration - $13.4 million

Spread out over 10 years – FY2006 to FY2015

On average $1.3 million was spent each year; approximately $9.1 million was spent from FY06 to FY12.

WM-11 Croton Water Treatment Plant
Cost Summary as of 2/29/2012

Croton WTP Construction Costs					
Contract	Contractor Name	Original Contract Price	Registered Change Orders	Current Contract Amount	% Contract Increase
CRO-311	Schiavone Construction Co.	$127,660,000	-$14,445,214	$113,214,786	-11%
CRO-312G	Skanska/Tully, JV	$1,327,700,000	$127,846,690	$1,455,546,690	10%
CRO-312E1	Schlesinger-Siemens, LLC	$134,680,000	$22,099,407	$156,779,407	16%
CRO-312E2	Schlesinger-Siemens, LLC	$37,678,000	$7,306,976	$44,984,976	19%
CRO-312H	Durr Mechanical Construction	$105,700,000	$22,483,945	$128,183,945	21%
CRO-312P	Picone/WDF, JV	$58,475,000	$12,913,991	$71,388,991	22%
CRO-312OS-G	Picone-Schiavone, JV	$96,842,500	$26,453,079	$123,295,579	27%
CRO-312OS-E	Eldor Electric	$15,762,500	$1,131,356	$16,893,856	7%
CRO-312OS-H	AWL Industries	$822,000	$56,971	$878,971	7%
CRO-312OS-P	JPP Plumbing	$872,000	$163,133	$1,035,133	19%
CRO-312FM (1)	Maspeth Supply Co. LLC	$18,626,745	$12,519,525	$31,146,270	67%
CRO-313	Schiavone/Picone, JV	$212,227,000	-$345,178	$211,881,822	0%
CRO-315G	Angelakis Construction Corp.	$3,641,000	$2,282	$3,643,282	0%
CRO-315E	Interphase Electric	$807,317	$144,874	$952,191	18%
CRO-312CE	Con Edison	$4,074,526	$0	$4,074,526	0%
TOTAL		**$2,145,568,588**	**$218,331,835**	**$2,363,900,423**	**10%**
Croton WTP Design / Construction Management Costs					
HED-543 DES	Metcalf & Eddy / Hazen and Sawyer, JV	$44,226,000	$224,672,648	$268,898,648	508%
HED-545 CM	URS/Malcolm Pirnie, JV	$63,400,000	$76,195,713	$139,595,713	120%
TOTAL		**$107,626,000**	**$300,868,361**	**$408,494,361**	**280%**

Rehabilitation of the New Croton Aqueduct Construction Costs					
Contract	Contractor Name	Original Contract Price	Registered Change Orders	Current Contract Amount	% Contract Increase
CRO-334G	Frontier-Kemper/Schiavone/ Picone JV	$91,696,805	$22,089,370	$113,786,175	24%
CRO-334E	Community Electric	$1,119,000	$266,375	$1,385,375	24%
TOTAL		**$92,815,805**	**$22,355,745**	**$115,171,550**	**24%**
Rehabilitation of the New Croton Aqueduct Construction Management Costs (2)					
TCM-CRO-334	Washington/HAKS JV	$5,952,446	$2,161,900	$8,114,346	36%
TOTAL		**$5,952,446**	**$2,161,900**	**$8,114,346**	**36%**

Notes:

(1) Costs shown for CRO-312FM are for the original Force Main Route to Hunts Point WPCP.

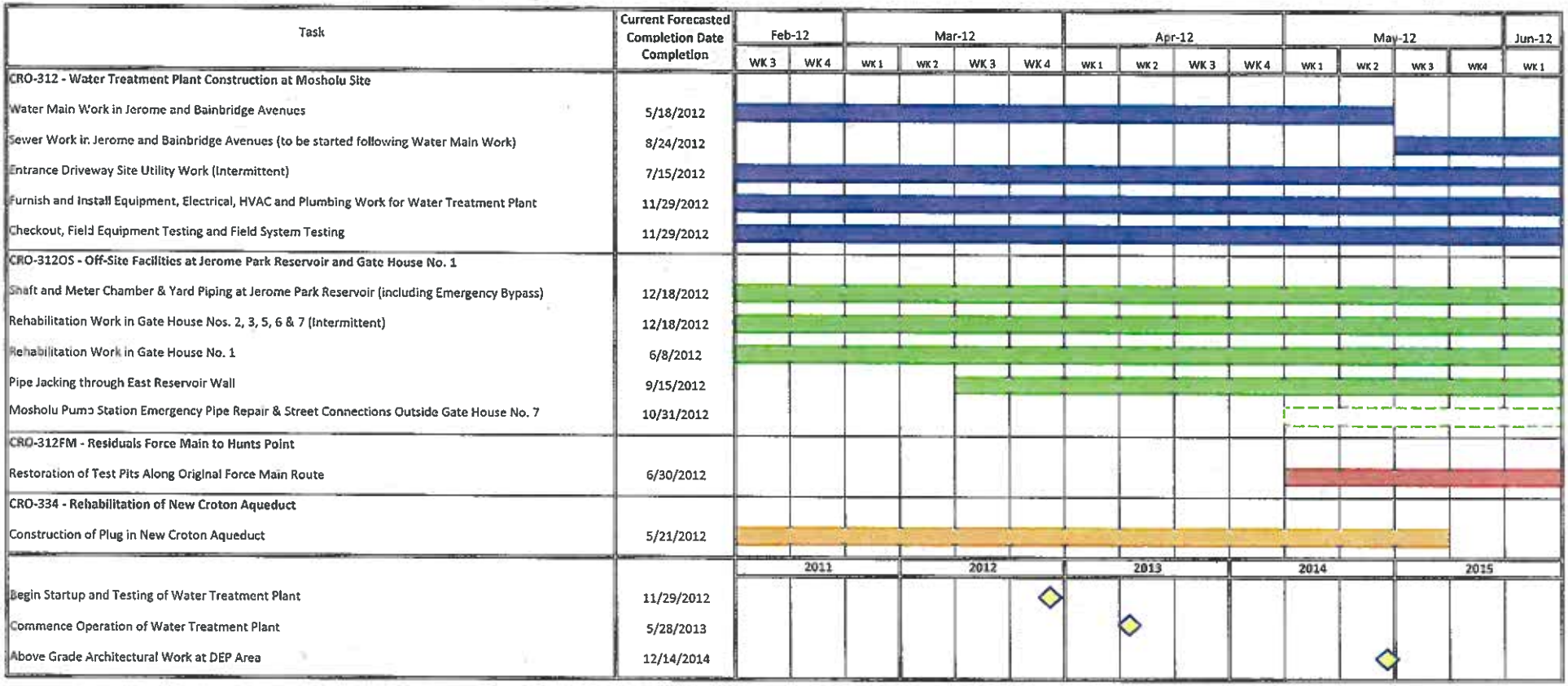
(2) Design costs for CRO-334G and CRO-334E are included in Contract HED-543 DES.

Attachment 4

WM-11 Croton Water Treatment Plant
Facility Monitoring Committee

Look-Ahead Schedule

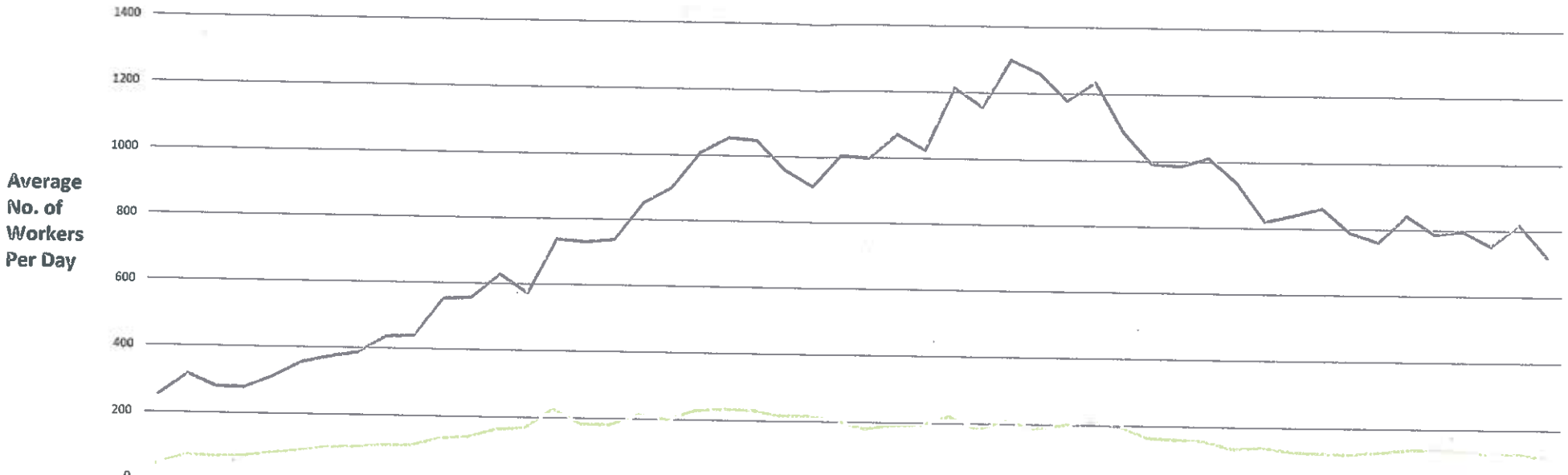
March 15, 2012



Task	Current Forecasted Completion Date Completion
CRO-312 - Water Treatment Plant Construction at Mosholu Site	
Water Main Work in Jerome and Bainbridge Avenues	5/18/2012
Sewer Work in Jerome and Bainbridge Avenues (to be started following Water Main Work)	8/24/2012
Entrance Driveway Site Utility Work (Intermittent)	7/15/2012
Furnish and Install Equipment, Electrical, HVAC and Plumbing Work for Water Treatment Plant	11/29/2012
Checkout, Field Equipment Testing and Field System Testing	11/29/2012
CRO-312OS - Off-Site Facilities at Jerome Park Reservoir and Gate House No. 1	
Shaft and Meter Chamber & Yard Piping at Jerome Park Reservoir (including Emergency Bypass)	12/18/2012
Rehabilitation Work in Gate House Nos. 2, 3, 5, 6 & 7 (Intermittent)	12/18/2012
Rehabilitation Work in Gate House No. 1	6/8/2012
Pipe Jacking through East Reservoir Wall	9/15/2012
Mosholu Pump Station Emergency Pipe Repair & Street Connections Outside Gate House No. 7	10/31/2012
CRO-312FM - Residuals Force Main to Hunts Point	
Restoration of Test Pits Along Original Force Main Route	6/30/2012
CRO-334 - Rehabilitation of New Croton Aqueduct	
Construction of Plug in New Croton Aqueduct	5/21/2012
Begin Startup and Testing of Water Treatment Plant	11/29/2012
Commence Operation of Water Treatment Plant	5/28/2013
Above Grade Architectural Work at DEP Area	12/14/2014

Attachment 5

CROTON WATER TREATMENT PLANT AND OFFSITE FACILITIES AT JEROME PARK RESERVOIR

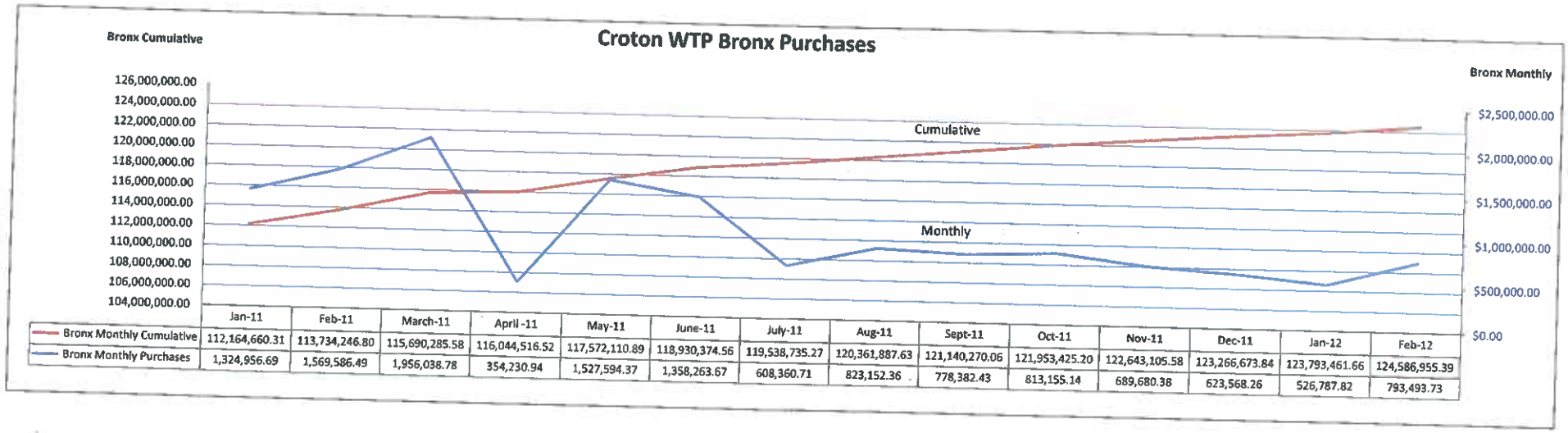


	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apri l-11	May-11	June-11	July-11	Aug-11	Sept-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12
Bronx Workers	46	73	70	72	83	91	102	104	110	111	133	139	163	168	225	181	181	212	199	227	232	231	216	216	204	181	193	195	222	185	210	190	200	211	200	166	162	159	137	142	132	127	125	131	139	142	135	132	132	121
Total Workers	254	317	280	278	312	356	374	387	436	441	553	558	629	573	738	730	738	852	900	1009	1056	1048	959	912	1007	1000	1073	1027	1216	1159	1302	1263	1182	1237	1088	994	988	1014	941	822	842	864	791	762	844	789	799	753	820	722
Bronx Workers %	18%	23%	25%	26%	27%	26%	27%	27%	25%	25%	24%	25%	26%	29%	30%	25%	25%	25%	22%	22%	22%	22%	23%	24%	20%	18%	18%	19%	18%	16%	16%	15%	17%	17%	18%	17%	16%	16%	15%	17%	16%	15%	16%	17%	16%	18%	17%	18%	16%	17%

Total Average Overall= 20%

Attachment 6

Croton WTP Bronx Purchases



	Jan-11	Feb-11	March-11	April -11	May-11	June-11	July-11	Aug-11	Sept-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12
Bronx Monthly Cumulative	112,164,660.31	113,734,246.80	115,690,285.58	116,044,516.52	117,572,110.89	118,930,374.56	119,538,735.27	120,361,887.63	121,140,270.06	121,953,425.20	122,643,105.58	123,266,673.84	123,793,461.66	124,586,955.39
Bronx Monthly Purchases	1,324,956.69	1,569,586.49	1,956,038.78	354,230.94	1,527,594.37	1,358,263.67	608,360.71	823,152.36	778,382.43	813,155.14	689,680.38	623,568.26	526,787.82	793,493.73