

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENGINEERING DESIGN AND CONSTRUCTION
CROTON FACILITY MONITORING COMMITTEE MEETING MINUTES
THURSDAY, MAY 20, 2010 – 7:00 PM

The Croton Facility Monitoring Committee met on Thursday, May 20, 2010 at the DEP Community Office, 3660 Jerome Avenue, Bronx, NY 10467.

Attending - CFMC representatives:

Damian McShane, Chairman, Community Board # 8; Paul Foster, Chairman, Community Board #7; Father Richard Gorman, Chairman, Community Board #12; Hector Aponte, Bronx Commissioner, Parks and Recreation Department (DPR); Jessica Noon, Bronx Borough President's Office; City Council Member G. Oliver Koppell and Jamin Sewell, Office of Council Member Koppell; Mark Lanaghan, Department of Environmental Protection (DEP). Present were staff of DEP, DEP's construction manager, design consultant and members of the public. Attendees are listed on *Attachment 1*.

Welcome

Mr. McShane, CFMC Chairman, opened the meeting at 7:15 PM. The agenda is *Attachment 2*.

Update on Remediation Activities at Harris Park Ball Fields and Water Problem at Van Cortlandt Park (VCP) North Field (*Attachment 3*)

Frank McCue, DPR, said that the DPR is currently obtaining all the requisite approvals to commence removing the soils removal at the Park. Though no date has been set, DPR indicated that it will commence soon. Since the two synthetic turf playing fields are complete, DPR plans to open them once the stockpiled material has been removed. [Note: DPR will leave in place the construction fence that currently exists between the synthetic and natural turf fields until all the work is complete.] Commissioner Aponte expressed two concerns regarding this project: the first involved the soil itself. DPR didn't know the lower strata included soil that was contaminated. In order to address all of the issues, additional funding was added to the budget (Total cost = \$13 million). Second, as with all projects, it is the contractor's responsibility to safeguard the site during construction.

Richard Barr, Bronx High School of Science Parents Association, asked for more detail about dates for the Harris ball fields to open. Mr. Aponte said it will take about seven weeks for the soils to be taken off site. It will thereafter take about two months to finish the ball fields before opening them for play. Karen Argenti, Bronx Council on Urban Environment, asked if Brownfields money can be used. Mr. Aponte said he did not think the project would qualify.

At the VCP Parade Grounds North Field, Mr. McCue said an inspection will be made next week at which time he anticipated that the first phase of the work would be deemed completed. Tests of the water show that it is not drinking water, it is storm water. In an effort to better ensure proper drainage, the contractor has been directed to expand the

quantity of crushed stone and pipes in the space immediately adjacent to two catch basins. Anthony Perez Cassino, Community Board #8, asked about responsibility for repairing the drainage. Mr. Aponte said the problem has been identified and will be solved.

Mr. McCue also indicated that the size of the openings of the grates would depend upon their location. Mr. McShane asked Mr. Aponte if this is a persistent problem, and was told no. Mr. Aponte added that this is a 65 acre park with about 35 acres in the Parade Grounds Phase 1 area. The goal was to create nice lawns such as at a golf course. Drains and piping were added and slotted drains were installed. There is a continuing challenge to dry the fields after a heavy rain. Anne Marie Garti, Jerome Park Conservancy, asked if city water is used for irrigation. Bob Bender, Community Board #8, asked whether the public can use the site when Phase 1 is turned over to DPR, and was told yes. He recommended signs in addition to the red flags that advise the public to stay off the field. Mr. Aponte said this would be looked into. Joseph Gordon asked whether there can be additional storm water mitigation, and Mr. Aponte said that storm water is currently being tracked. Mr. Cassino said the ball fields share space with the track and at the 280' distance point, between the two uses, will be a tight fit, especially for the Polo League. Mr. McShane asked whether Parks would install a fence around wet areas if there is a problem with rain. Mr. Aponte said DPR would assess the situation and make decisions accordingly. Fr. Gorman asked how many people have been inconvenienced by lack of playing fields at Harris Park. Mr. Aponte said about 20 teams play at the site.

Pedestrian Bridge Feasibility Report (Attachment 4)

Philip Habib, Philip Habib and Associates, summarized the report performed for DEP of how and where a pedestrian bridge could be constructed over the Major Deegan Expressway. He described the existing slope of the park in three locations requiring ramp slopes of 5% or 7-1/2% to reach the necessary height over the roadway. Mr. Bender asked how heavy equipment would be brought on site to re-grade the slopes, and Mr. McShane said this is one of the things that typically would be determined during the bridge design.

Mr. McShane asked about the width of the bridge. Mr. Habib said it would be ten feet wide to accommodate service vehicles. There was a discussion about ambulances and other vehicles, bicycles, and other transport. Margot Perron, DPR VCP Administrator, said the park paths are not for bikes. She and the Friends of Old Croton Aqueduct do not want bicycles to use the paths or the bridge. Mr. Aponte asked how long it would take to build a bridge. Mr. Habib said that using prefab materials and erecting them on site would take about six months. Mr. Koppell asked about cost. Mr. Habib said cost would be from \$5 - \$7 million. Mr. Lanaghan said the costs would be in the \$7 million range, but there is no funding for the bridge. Mr. Lanaghan said the bridge is appealing but there must be a funding source. Mr. Cassino, who said he represents the VCP Conservancy, said this funding is very little in light of the overall project's cost. Ms. Argenti said the ULURP resolution is clear: DPR was instructed to file the study with the City Council. The City Council will then reallocate DEP money to DPR.

Lynn Schwarz, Friends of VCP, said the organization supports the bridge. Ms. Garti said Friends of Old Croton Aqueduct supports the bridge and Jerome Park Conservancy supports the bridge as part of the Old Croton Aqueduct historic trail. There was discussion among representatives of the FMC about various revisions to the Chairman's resolution. Ms. Noon said the Habib report should be submitted to the City Council by DPR and it should say that the bridge is financially feasible.

The resolution in support of a pedestrian bridge (*Attachment 5*) was adopted by a vote of 5 in favor, 0 opposed and 2 abstentions (DPR & DEP).

Construction Update/Look-ahead (*Attachment 6*)

Bernard Daly, Croton Executive Project Manager, provided a 90 day look-ahead schedule and reviewed the status of the Croton contracts.

The CRO-312 contractors continue activities at the VCP site. Concrete placement reached the 95% completion milestone on April 30th. Installation of masonry walls, precast concrete planks, roof slabs, platforms, tanks, large diameter piping, electrical, HVAC and plumbing work inside the plant is ongoing. Extensive utility work, piping, and retaining wall construction at the plant's entrance is underway. Mr. Koppell asked when the project would be completed. Mr. Daly said it would be largely completed in 2012. Mr. Koppell requested that future project look-ahead charts show completion dates for each contract.

The CRO-313 contractor is continuing to place large diameter pipe in the Treated Water Tunnels. The contract is nearing completion and is ahead of schedule.

The Contract CRO-315 work continues. There is currently no water in the Jerome Park Reservoir(JPR) basins and no chlorine on site. Filling the JPR basins depends upon the New Croton Aqueduct (NCA) work taking place under Contract CRO-334. He said that the CRO-334 contractor will start work on the dividing wall at JPR soon. Mr. Daly said that work continues in Gate Houses 1, 2, and 3.

On May 10, the CRO-312 OS G contractor completed the last of 220 controlled blasts for the JPR Shaft and Meter Chamber. In the future, there will be additional controlled blasting for pipe trenches. This work will take place in about nine months. Mr. Daly, Mr. Koppell and others agreed that controlled blasting had been satisfactory at the Shaft and Meter Chamber, and that the decision to blast after school hours was the correct one. Work on the overflow weir on the Sedgwick side of JPR is complete.

Removal of the foundation of the Demonstration Filter Plant, which remained when the building was removed under CRO-315, is scheduled to occur in the future under the CRO-312OS-G contract.

The digging of test pits for the force main is underway, and DEP and the contractor are in consultation with Con Edison and other utilities about necessary utility relocation. Test pits at Montefiore Medical Center are scheduled for this coming weekend. Force main

pipe installation may begin in August. The CFMC and community boards will receive further information about the contractor's schedule.

At the JPR South Basin, ramp construction is being sequenced while the NCA is out of service. The Ramp work includes removal of the concrete floor slab and rock removal; however, work has temporarily stopped at this location. DEP is awaiting a determination about whether the ramp footings can be built with less rock removal. If the decision is favorable, the ramp construction will cause less noise and fewer community impacts. Michael Gary, representing State Senator Espada, asked whether the work has started. Mr. Daly said that it has started but has recently stopped, awaiting the determination about removing less rock.

Ms. Argenti said the site of the demonstration plant is now a staging area with lots of material on it. She asked if DEP has a permit to store materials. She said the site will revert to DPR and thereafter can be accessible to the public. She asked the status of the JPR public access report. Mr. McShane said that Commissioner Holloway committed to making the report available to the FMC before it becomes a public document.

DEP Jobs and Purchases

Mr. Lanaghan provided a chart and brief update on jobs (*Attachment 7*). He said that the Carpenters Union/CityTech has begun its DEP-funded training program for Bronx residents. Mr. Foster asked where the candidates live and how they were recruited. He said that the class should be comprised of Bronx residents from the Community Board #7, #8, and #12 area, not from throughout the Bronx. He requested more detail on recruitment activities, including the outreach performed by DEP. Mr. Koppell asked if the Carpenters Union/City Tech maintains a waiting list. Mr. Lanaghan said there is always a list of applicants seeking to be enrolled in training but that DEP has committed to fund only this class. He said the last class DEP funded had been very successful in terms of the graduates finding work in the construction industry.

Adoption of CFMC Meeting Minutes from April 15, 2010

Mr. McShane asked for a motion to approve the March meeting minutes. By a vote of 6-0-1 to adopt the minutes, the minutes passed. Fr. Gorman abstained.

CFMC Discussion

The CFMC decided to next meet on June 17, 2010 at 7 pm.

Mr. McShane moved to adjourn, and the representatives unanimously agreed to adjourn at 8:50 PM.

<u>Name</u>	<u>Organization / Company</u>	<u>Address</u>	<u>Phone</u>	<u>Fax</u>	<u>E-Mail</u>
Thomas Farrell	URS-MP Construction Management	3701 Jerome Avenue Bronx, NY 10467	(718) 696 2000	(718) 324 3034	thomas.farrell@shwgrp.com
Karen Argenti	Bronx Council on Environmental Quality	PO Box 346 NY 10471	(646) 529 1990		kabx101@gmail.com
Lynn Schwarz	FIPNA	3332 Giles Place NY 10463	(718) 543 2457		lsbx101@gmail.com
Joseph Gordon	3333 Henry Hudson Pkwy Bronx NY 10463	3967 Sedgwick Ave #18A Bronx NY	(917) 202 0212		jgordons@bestweb.net
Hector Aponte	Bronx Parks Commissioner	1 Bronx River Parkway Bronx NY	(718) 430-1801	(718) 430-1818	hector.aponte@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	DEP BEDC Project Manager	3701 Jerome Avenue Bronx, NY 10467	(718) 696-2000	(718) 324 3034	bdaly@dep.nyc.gov
Ilona Linins	Lehman College	250 Bedford Park Blvd. Bronx NY	(718) 960-8988		ilona.linins@lehman.edu
Robert Barnes	DEP Community Outreach Office - Croton	3660 Jerome Avenue Bronx, NY 10467	(718) 231-8470	(718) 231-8857	rbarnes@dep.nyc.gov
Jessica Noon	Office of Bronx Borough President Ruben Diaz Jr	851 Grand Concourse Bronx NY 10451	(718) 590-3881	(718) 590-2698	jnoon@bronxbp.nyc.gov
Anne Marie Garti	Jerome Park Conservancy	3967 Sedgwick Avenue Bronx NY	(718) 601-1322; (718) 884-7864		annemarie@aiff.net
Father Richard Gorman	Chairman, Community Board #12	4101 White Plains Road Bronx NY 10466	(646) 284 4973		rgorman@cb.nyc.gov
Mark Lanaghan	Asst Comm, Intergov. Affairs DEP	59-17 Junction Blvd. Corona NY 11368	(718) 595-3519	(718) 595-3477	mianaghan@dep.nyc.gov
Damian McShane	Chairman, Community Board #8	5676 Riverdale Ave Bronx NY 10471	(718) 884 3959		dmcshane@panynj.gov
Richard Barr	Bronx HS of Science Parents Association	203 W 86 Street York NY 10024	(212) 877 2694		richardedbarr@aol.com
Ed Neisch	URS-Malcolm Pirnie CM	3701 Jerome Avenue Bronx NY 10467	(718) 696 2000		eneisch@pirnie.com
Paul Foster	Chairman, Community Board #7	229a East 204th Street Bronx NY 10458	(718) 933 5650	(718) 324 3034	pfoster@optonline.net

Agenda
Croton Facility Monitoring Committee Meeting
Thursday, May 20, 2010 – 7:00 PM
DEP Community Office, 3660 Jerome Avenue, Bronx NY 10467

- | | |
|--|---|
| I. Welcome | Damian McShane, Chairman |
| II. Update on Source of Water & Mitigation
At Van Cortlandt Park, North Field &
Status of Remediation, Harris Park Ball
Fields | Hector Aponte, Parks Dept. |
| III. Pedestrian Bridge Feasibility Report | Philip Habib, Philip Habib &
Assocs. |
| Open Discussion | CFMC and public |
| IV. Construction Update and Look-ahead | Bernard Daly, DEP |
| V. Brief Update on Croton Jobs, Purchases
Skills Training, Meeting with Contractors | Mark Lanaghan, DEP |
| VI. Consider, Adopt 4-15-10 Minutes | CFMC Representatives |
| VII. CFMC Discussion, Set Next Meeting | CFMC Representatives |
| VIII. Adjourn | |

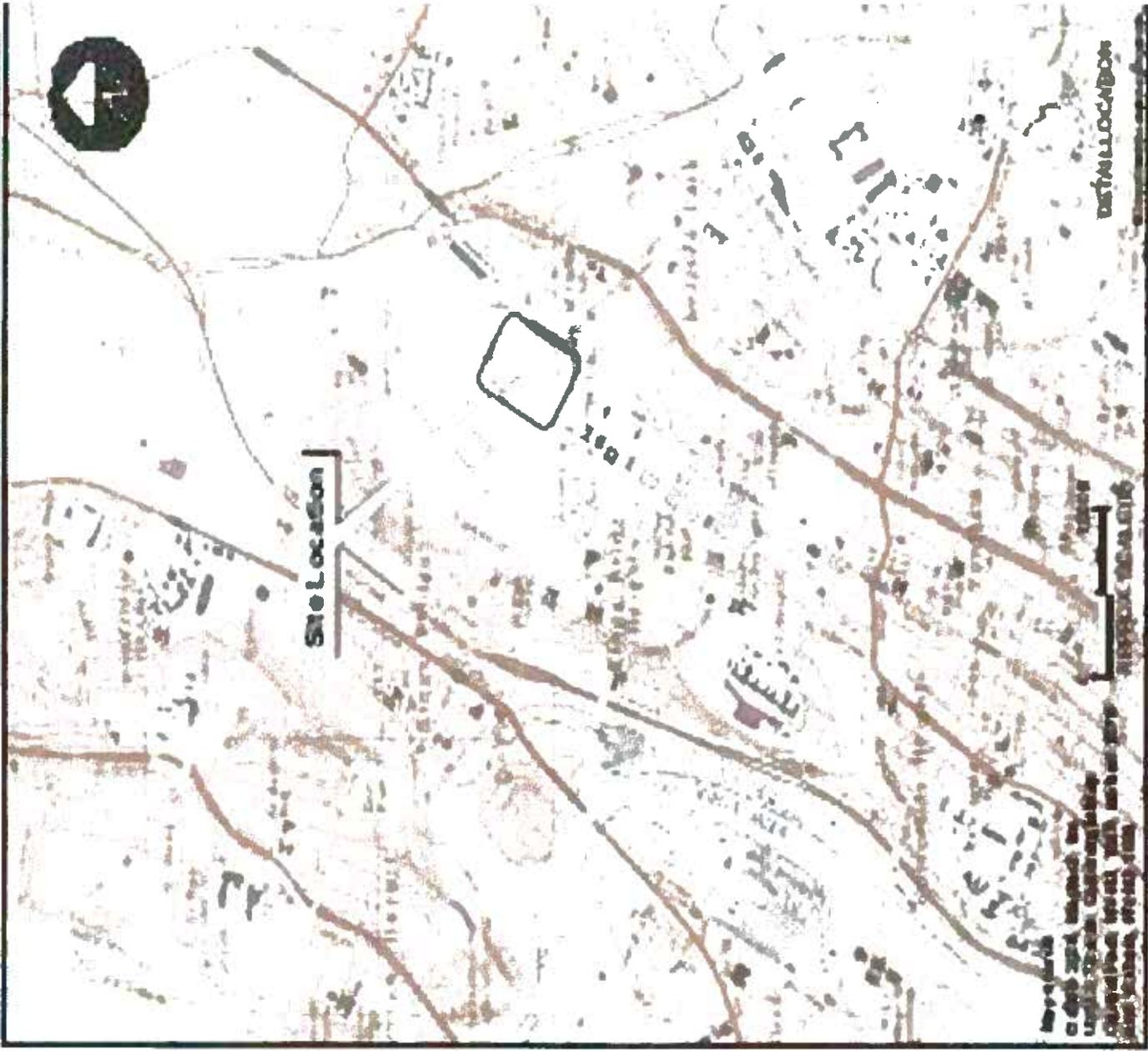
Upon the Chairman's recognition, the CFMC invites members of the public to ask questions and make comments throughout the meeting



New York City Department of Parks
and Recreation

Harris Park Ballfields

Site Location : Goulden Avenue, Bronx



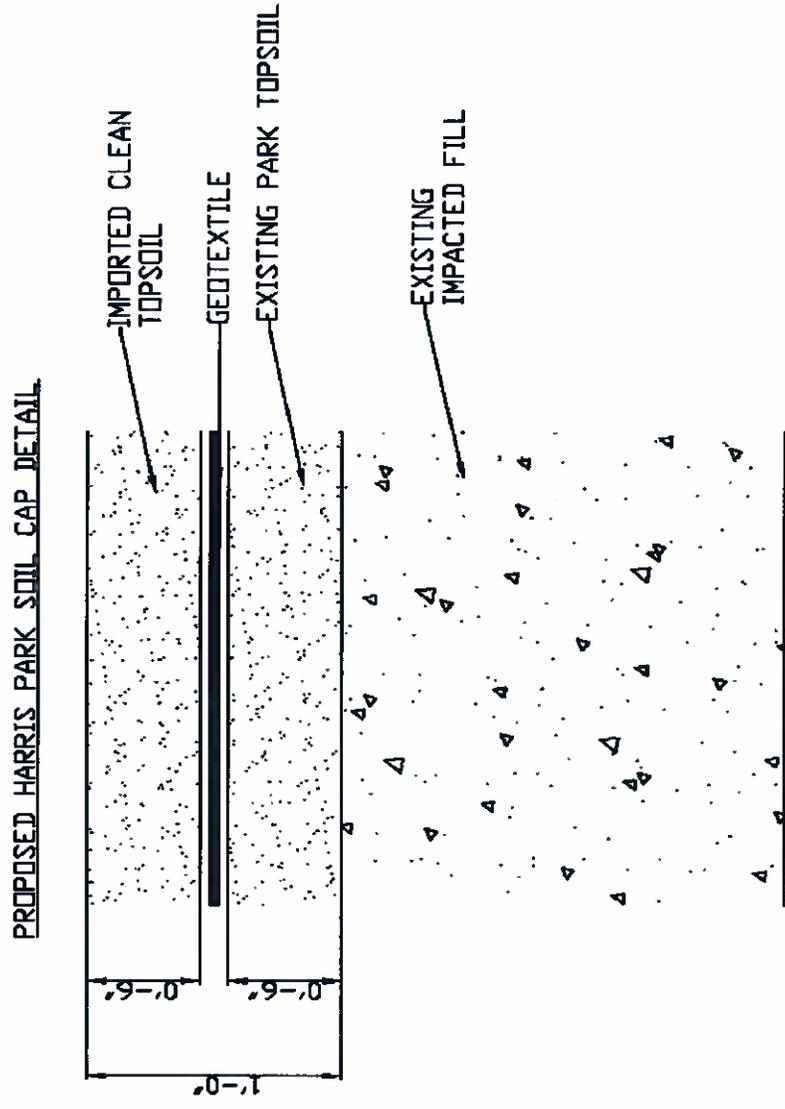
Next Phase: Reviewed and Approved by NYCDEP and NYCDOHMH

- Project Description
- Status/Next Phase
- Excess Fill Material
- Construction & Demolition Material
- Site History and Origin/Condition of Fill
- Testing to Date/Results
- Testing/Classification and Proper removal



Details of Construction Ball field Surface

- Protective Barrier under topsoil
- Topsoil will meet NYSDOH/NYSDEC approved criteria
- Site Management Plan
- Future Work will use SMP



Current Conditions





New York City Department of Parks
and Recreation

VCP Parade Grounds

Phase I - Current Conditions

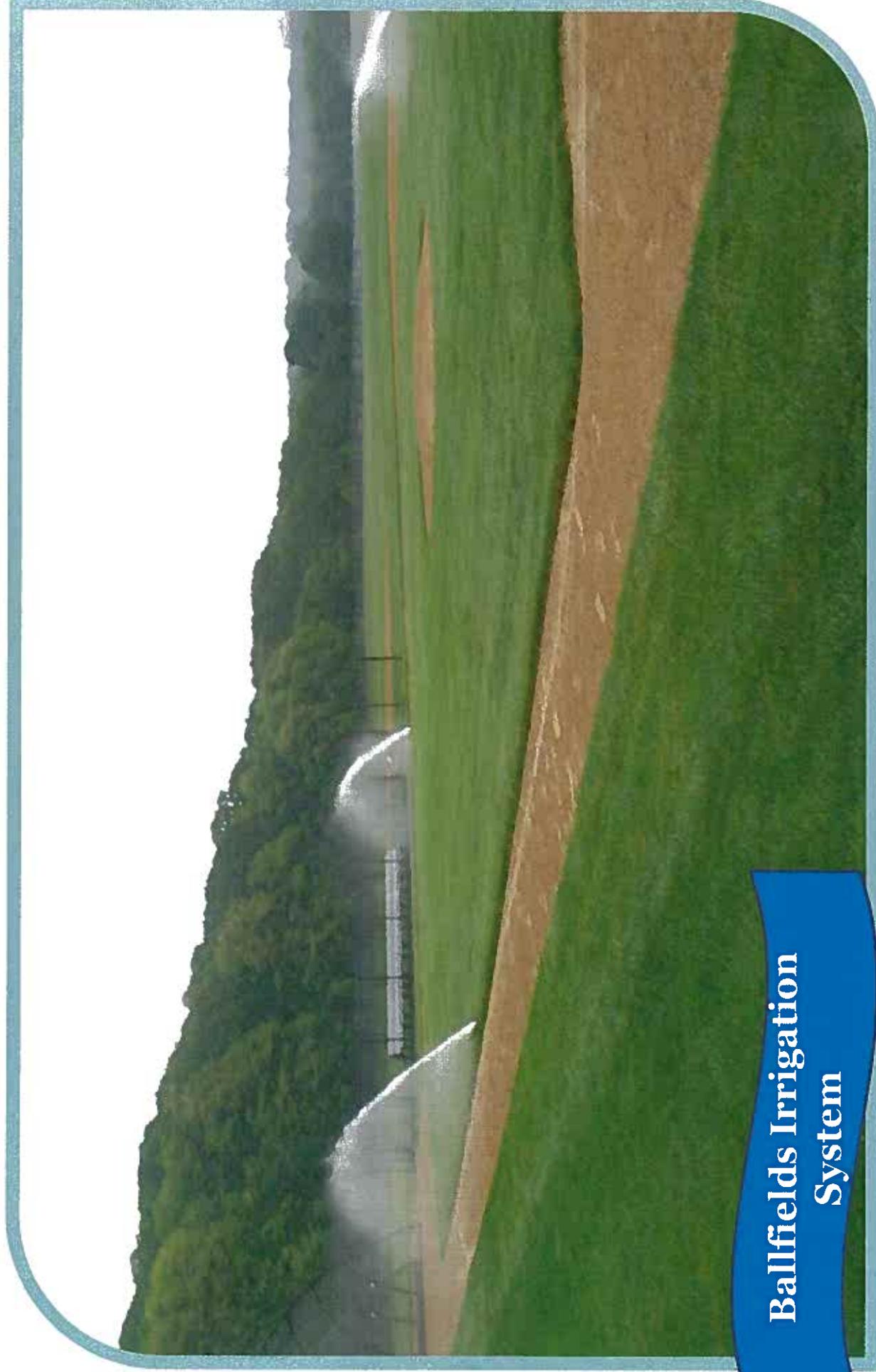
SCD: 5/28/10



Sodded Play areas &
Ballfields

Phase I - Current Conditions

SCD: 5/28/10



**Ballfields Irrigation
System**

Phase I - Current Conditions

SCD: 5/28/10



Track at West Lawn

Phase I - Current Conditions

SCD: 5/28/10



Drive way Construction
at 252nd St.

Phase II - Current Conditions

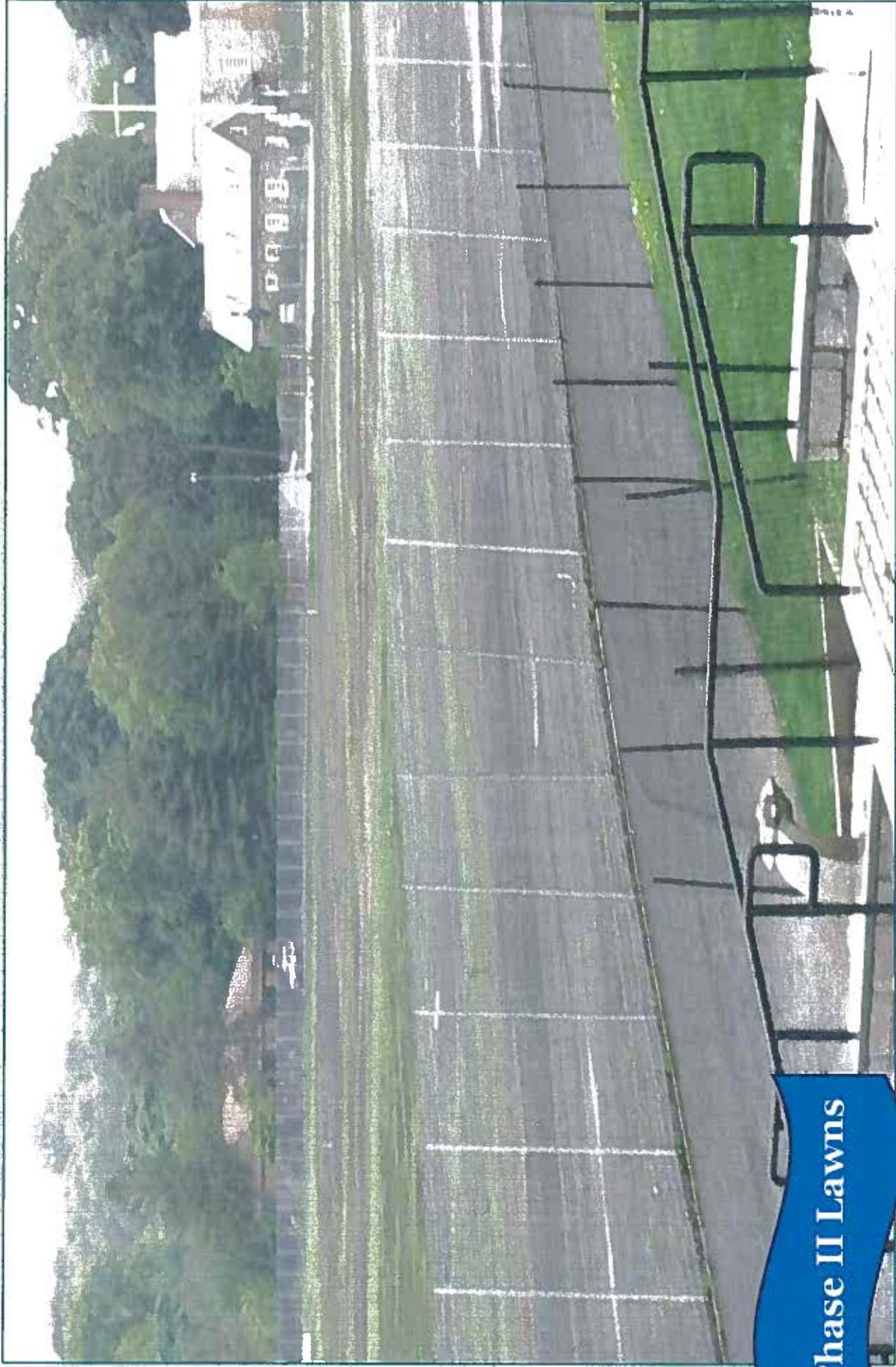
SCD: 8/17/10



Looking East.

Phase II - Current Conditions

SCD: 8/17/10



Phase II Lawns

Van Cortlandt Park I-87 Pedestrian Bridge Feasibility Study

Presentation May 20, 2010



Philip Habib & Associates

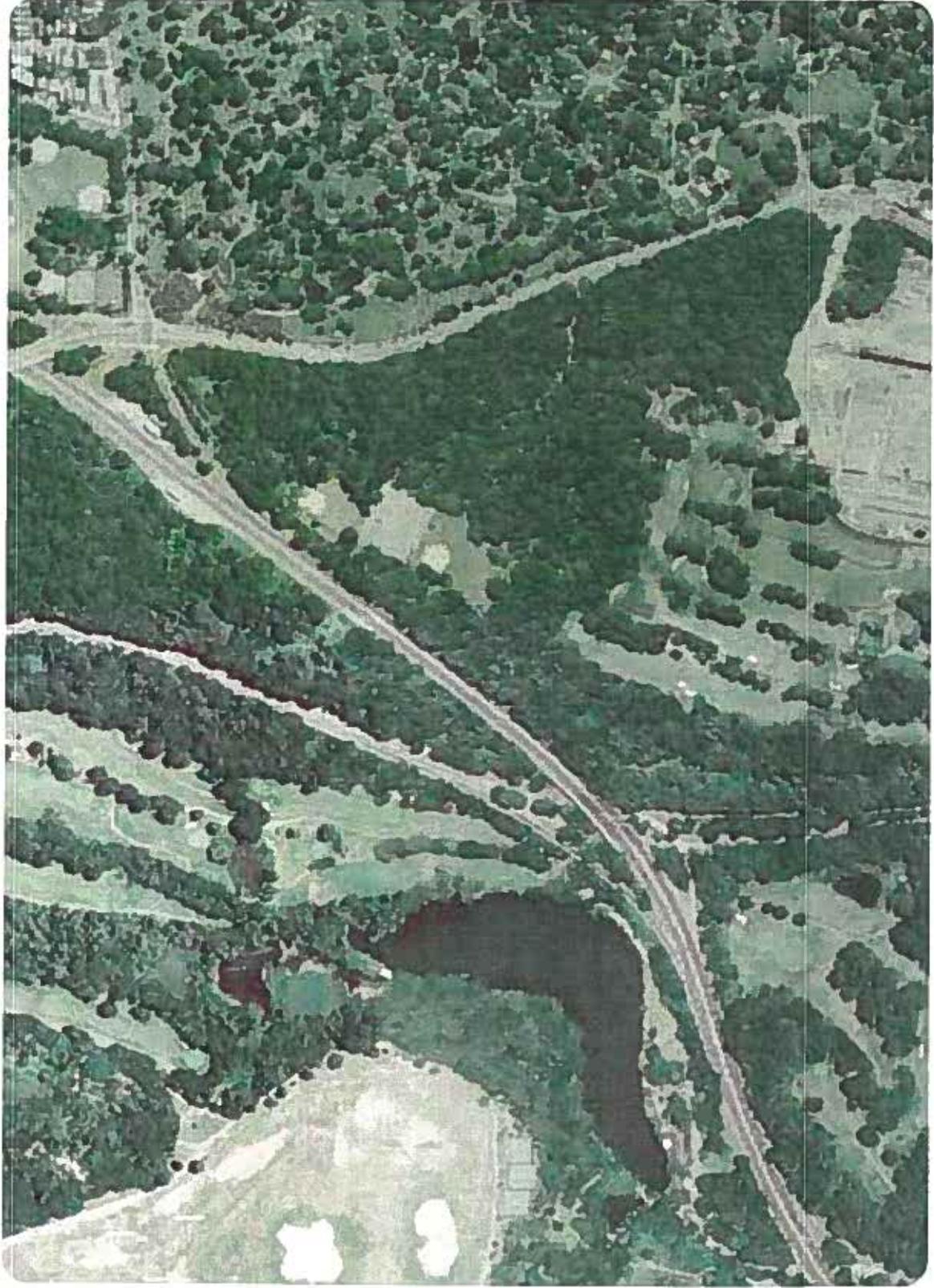
Presentation Outline

1. Van Cortlandt Park: Context
2. Pedestrian Bridge Feasibility Study
 - Objectives
 - Alternatives
 - Preferred Bridge Location

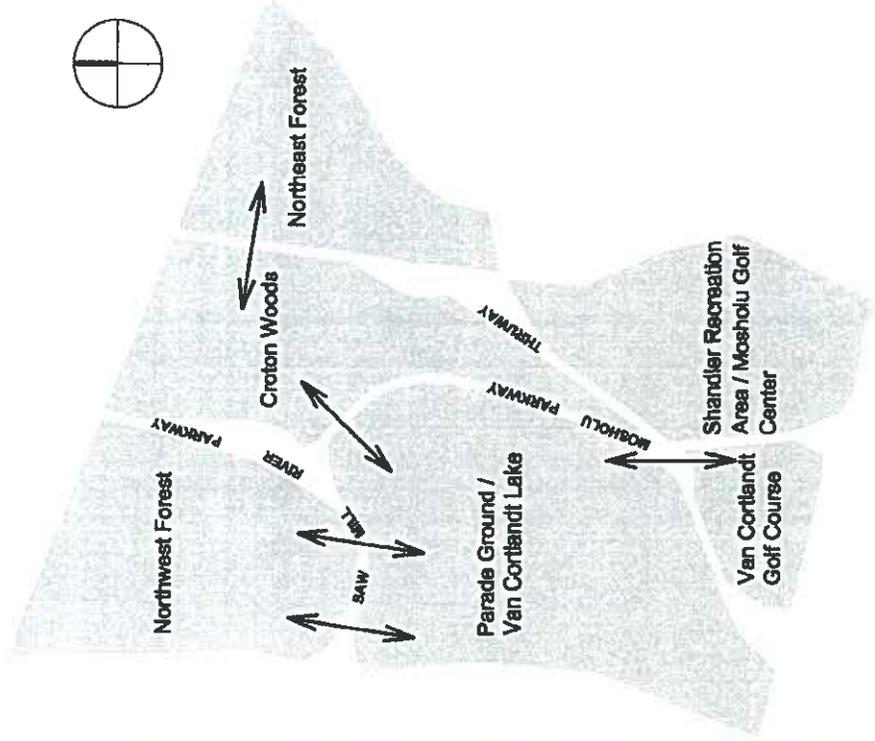
Van Cortlandt Park: Aerial Photo



Study Area

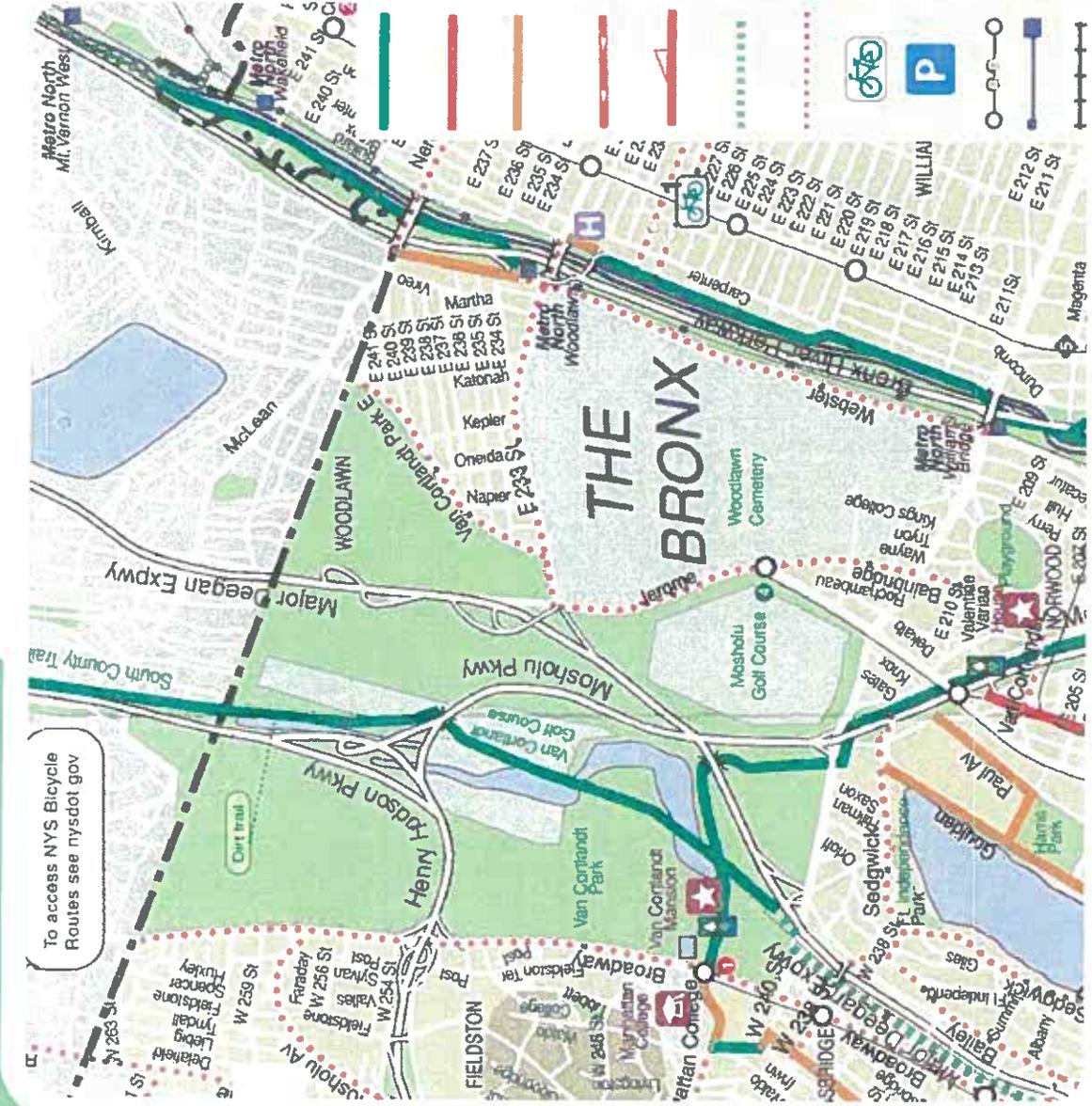


Existing Conditions



- Park is fragmented by three major highways
- Five existing connections over/under these highways
- No east-west connections in the southern half of Park (no Thruway crossing) for approx. 2/3 of a mile

NYC Cycling Map 2009



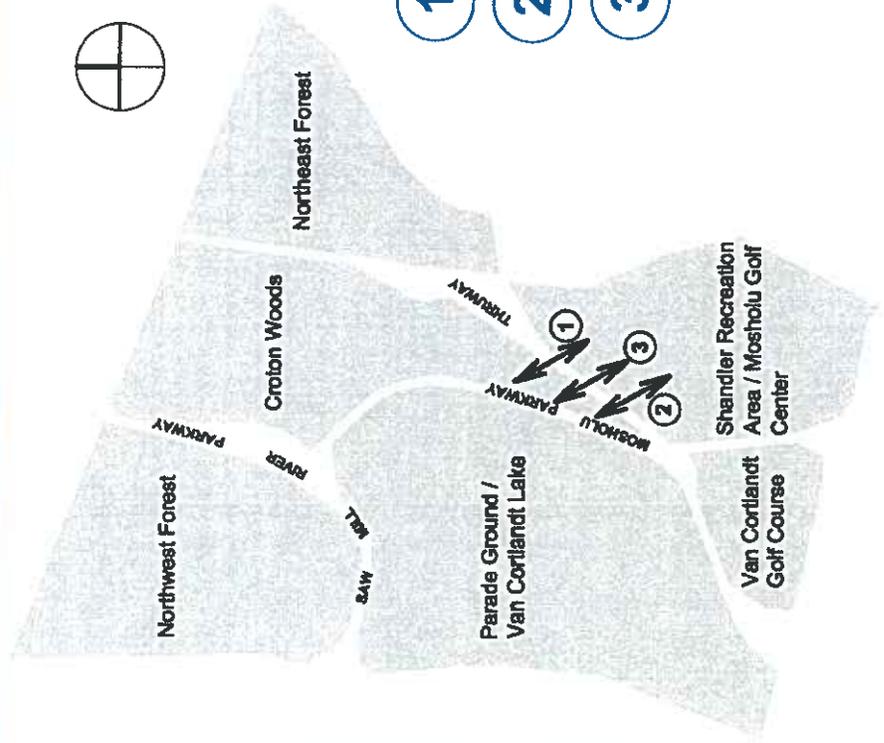
To access NYS Bicycle Routes see nysdot.gov

- Bicycle Path, Class 1**
(bridge, park or separated on-street path)
- Bicycle Lane, Class 2** (two-way unless shown)
(on-street striped route)
- Bicycle Route, Class 3**
(on-street signed route)
- Travel Direction on Bicycle Lane/Route**
- Direction of Bicycle Lane on Two-way Street**
- Planned/Proposed Bicycle Path**
(for future construction)
- Planned/Proposed Route**
- Bike Shop**  **With Bike Rental**
- Sheltered Bike Parking** 
- Subway Lines and Stations** 
- Commuter Rail and Stations** 
- AirTrain Rail** 

Objectives of Feasibility Study

- Propose alternatives that reconnect the park segments (Thruway crossings)
- Where possible, accommodate pedestrians and cyclists
- Paths at least 10' wide and handicap accessible
- Minimize removal of existing vegetation, re-planting where necessary

Three Final Alternatives

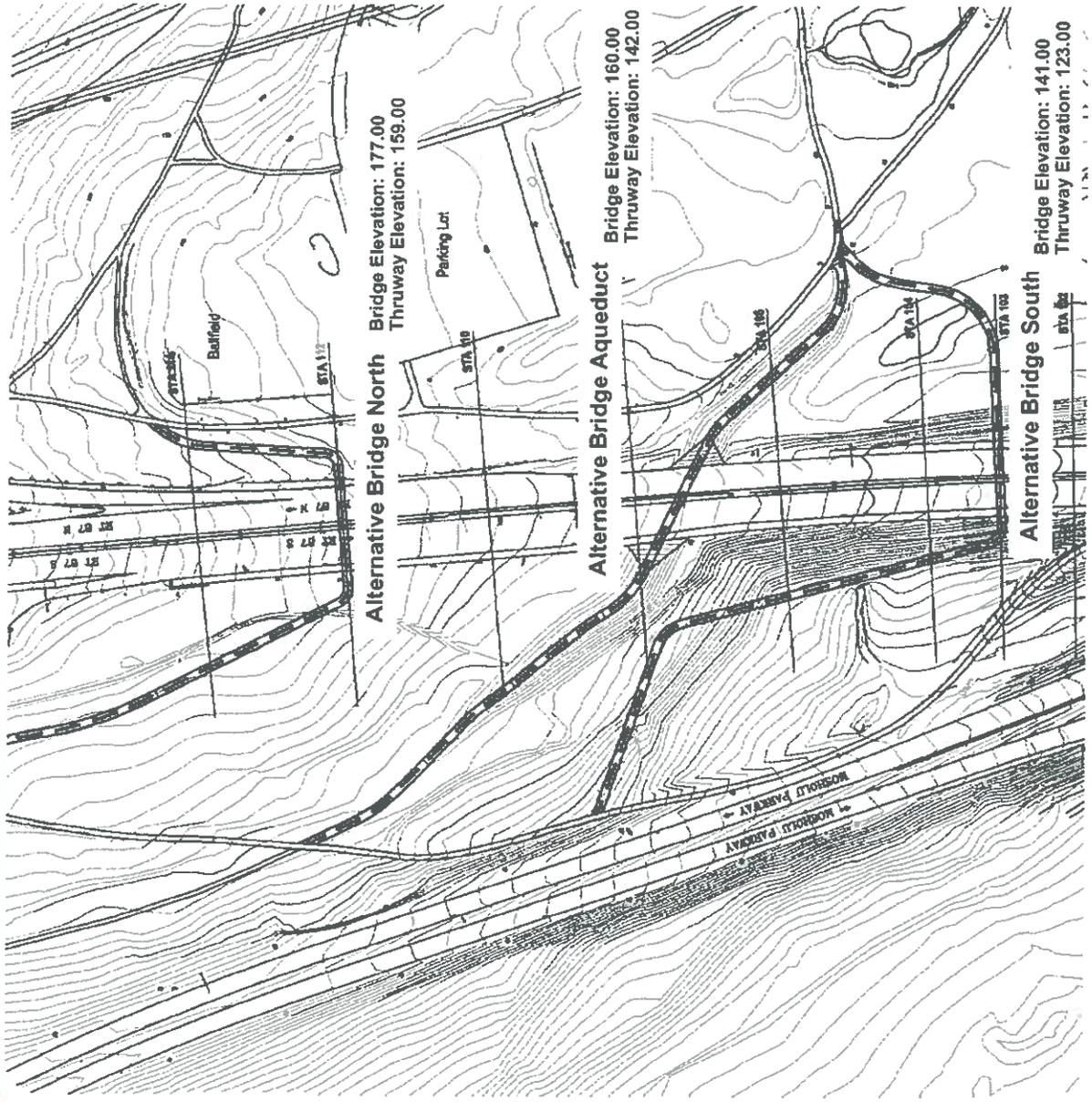


- ① Thruway Bridge North
- ② Thruway Bridge South
- ③ Thruway Bridge Aqueduct

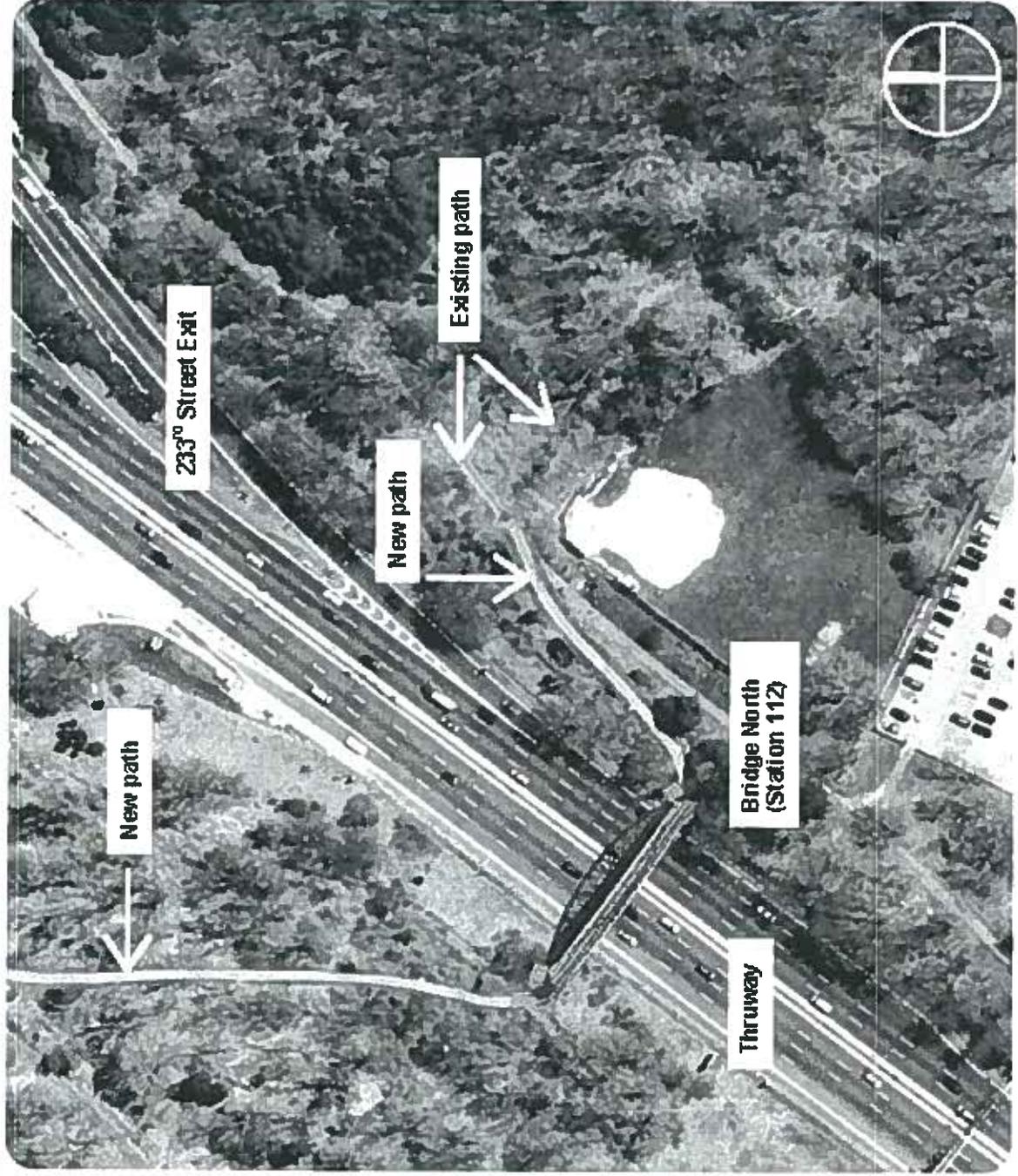
Proposed Bridge Construction

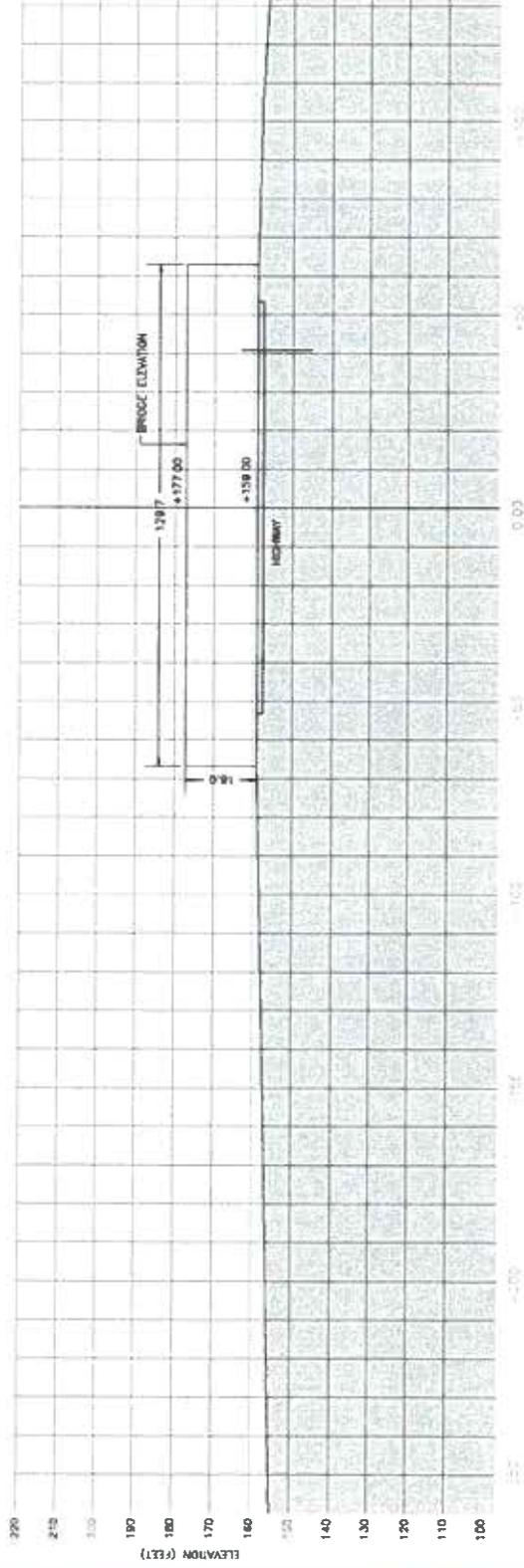
- **Construction** of bridge foundations
- **Ramps/Trails:** retaining walls and surfaces
- **Assembly** of prefabricated bridge parts
- **Regrading** of landscape in proximity of the bridge

Location of Three Final Alternatives



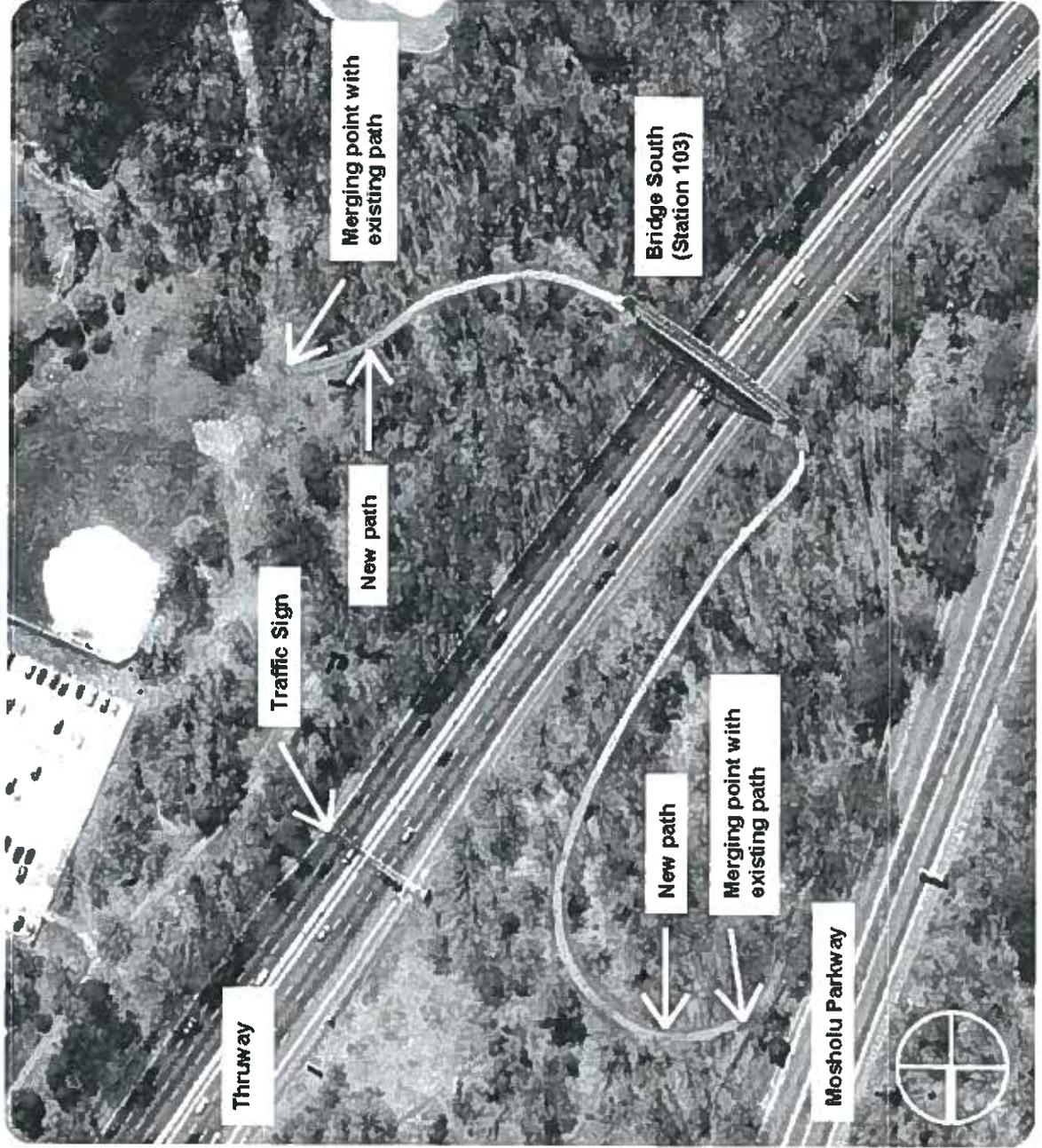
Thruway Bridge North

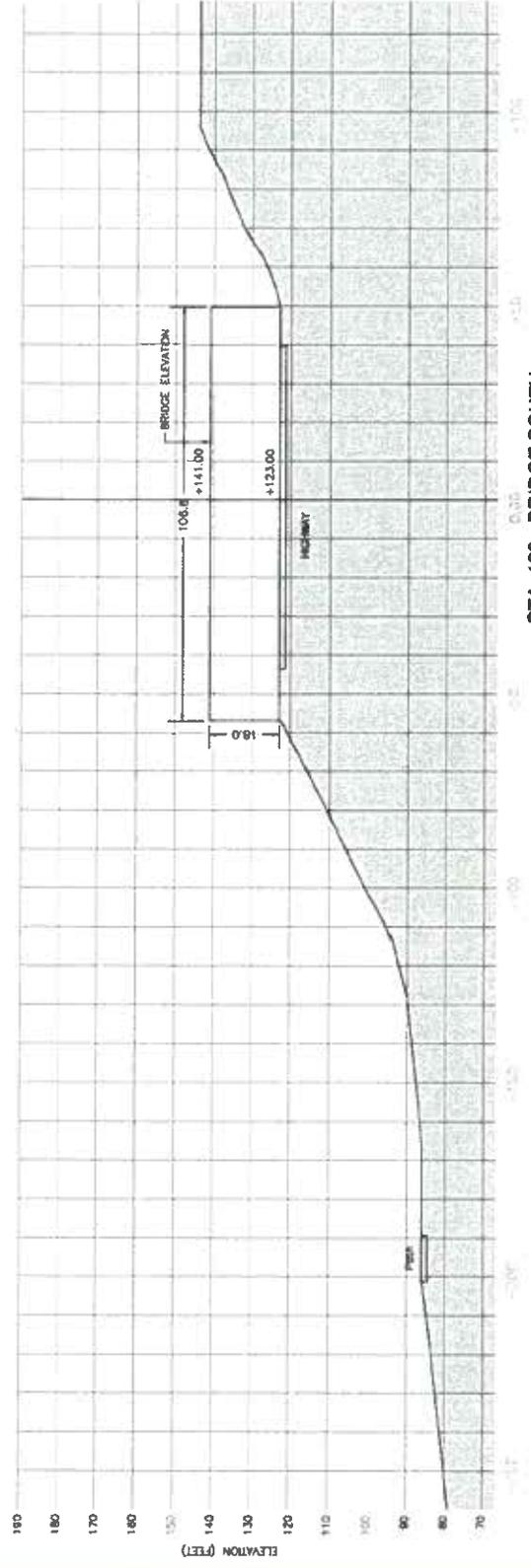




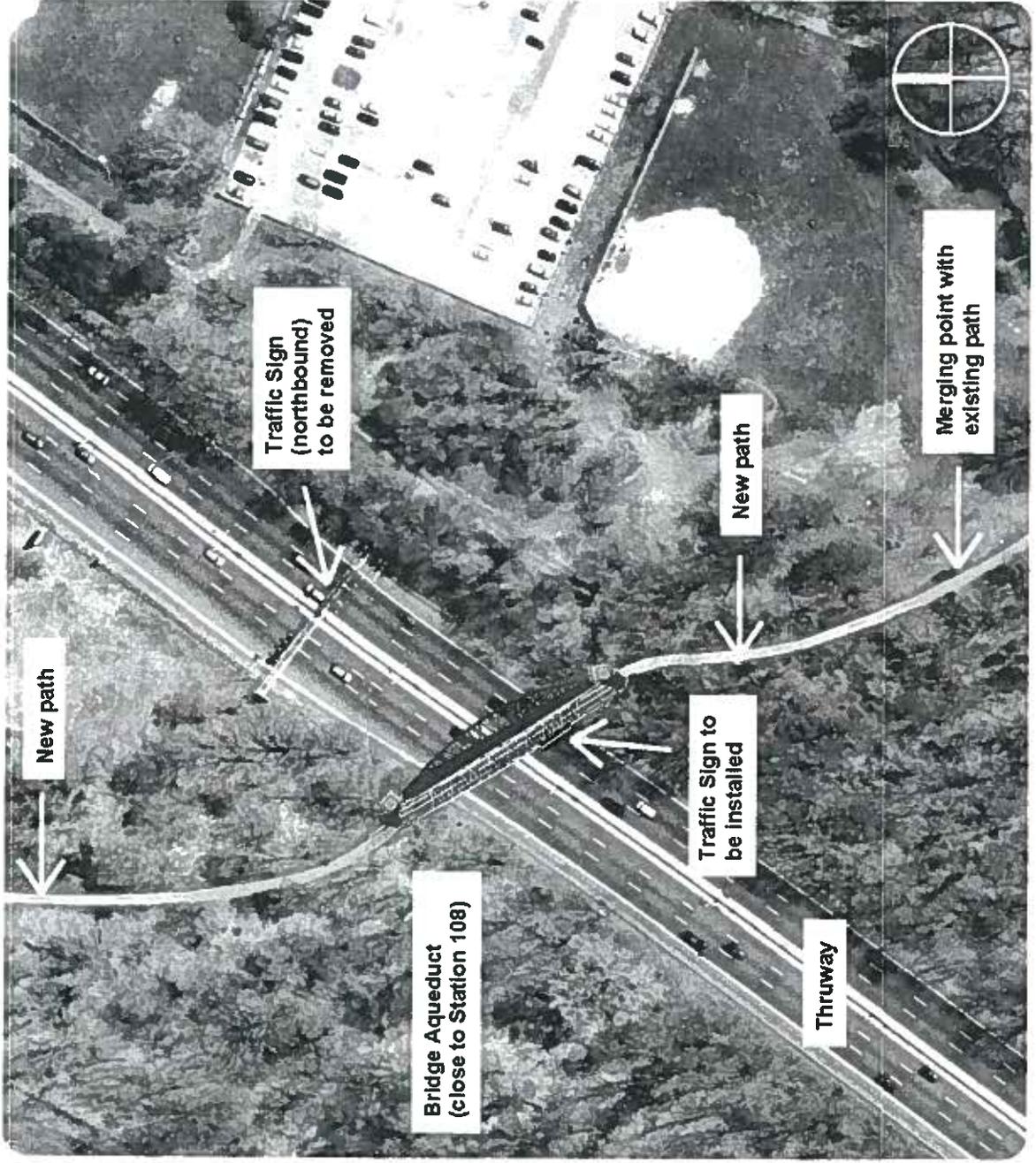
STA 112 - BRIDGE NORTH

Thruway Bridge South

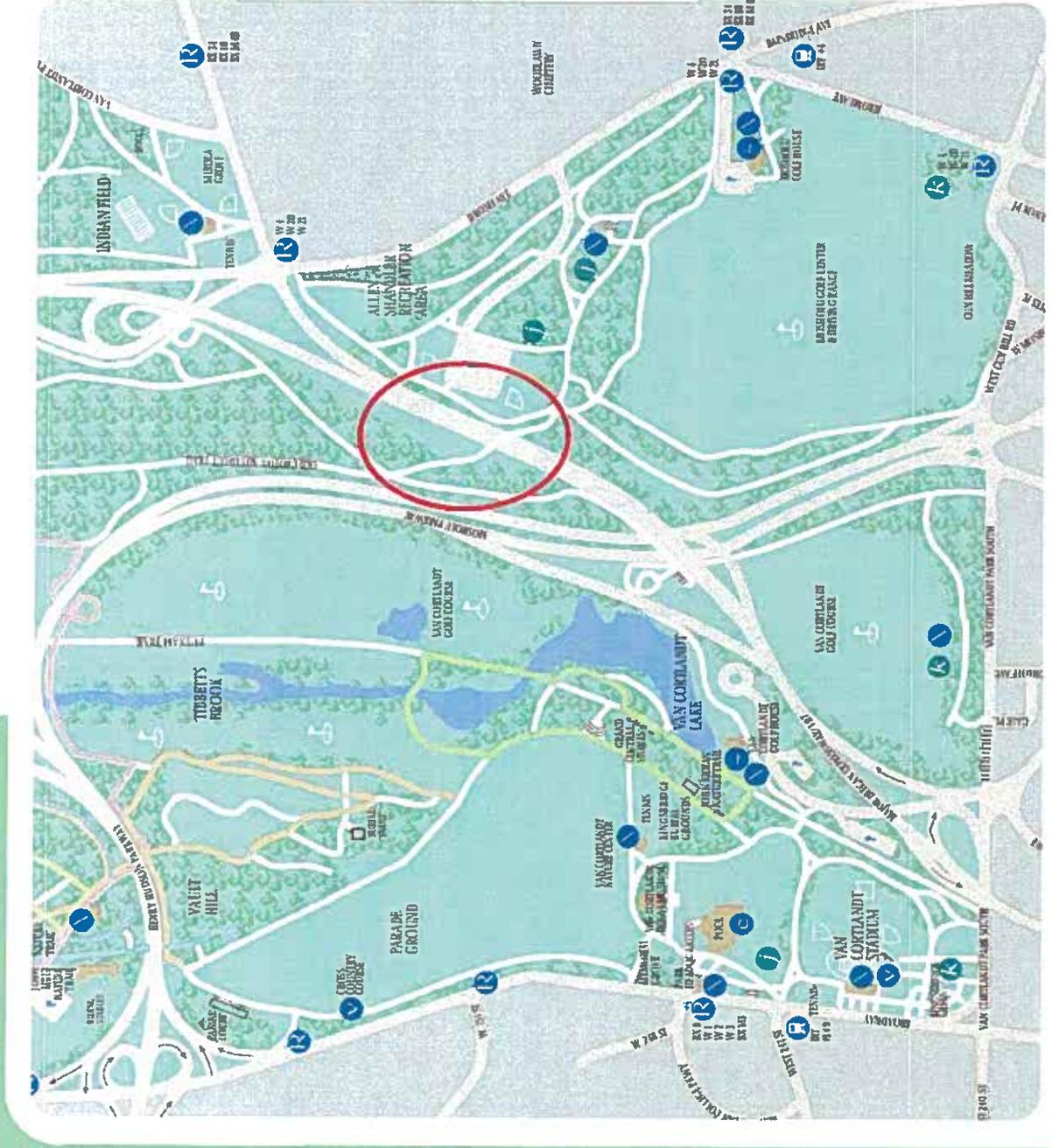




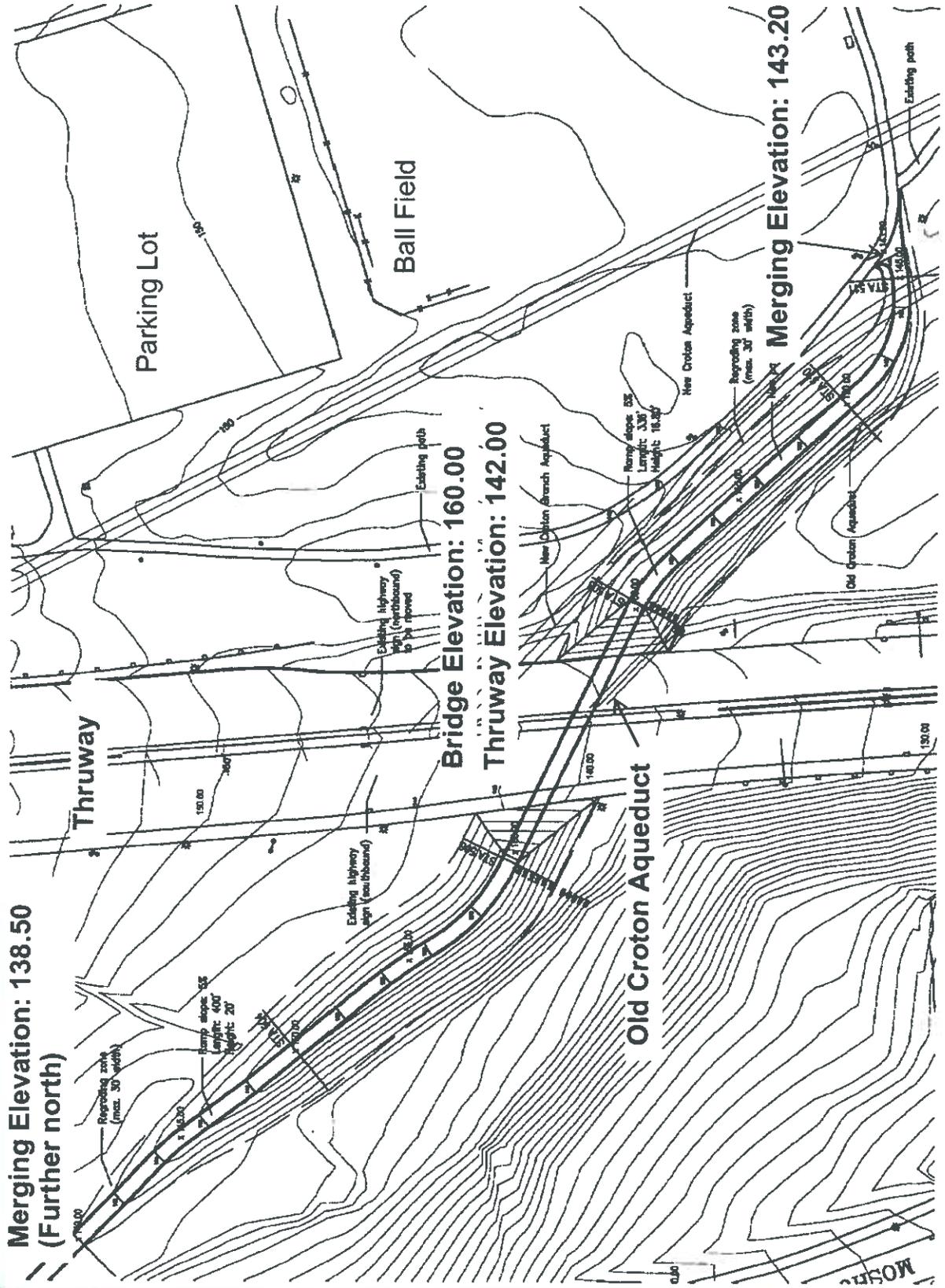
Preferred Bridge Location: Thruway Bridge Aqueduct



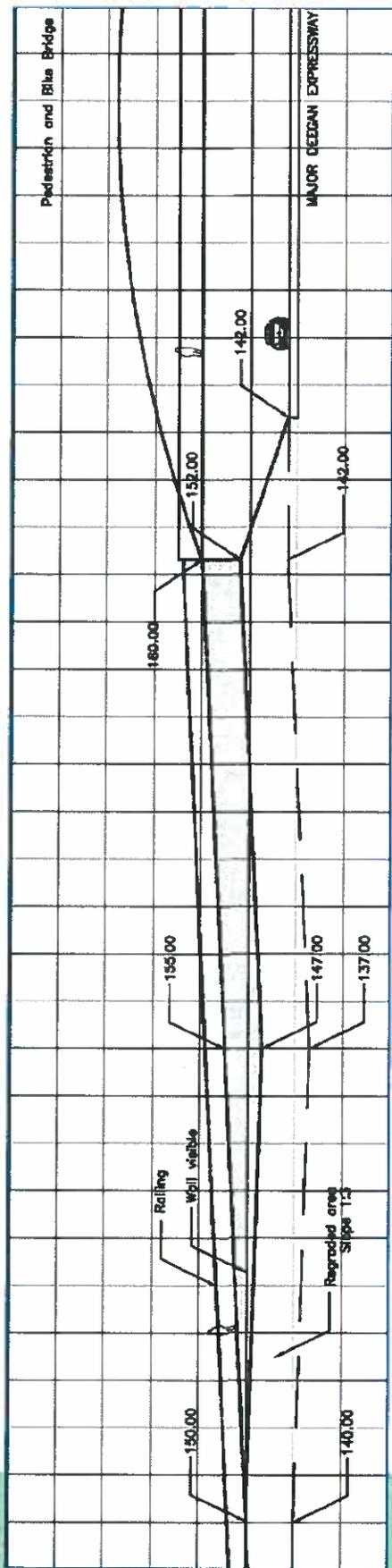
Location of preferred Alternative



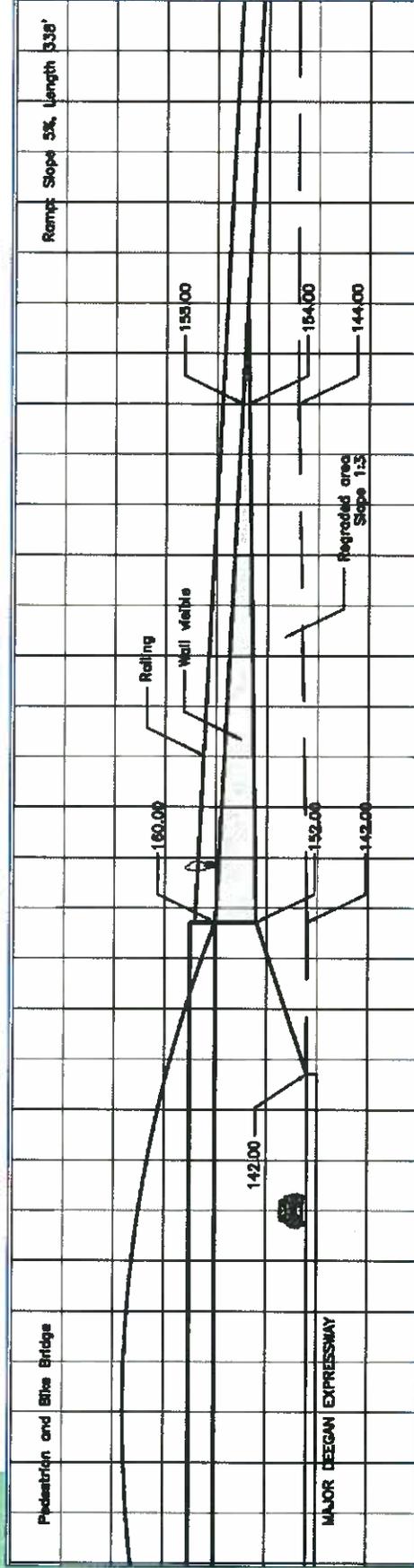
Thruway Bridge Aqueduct



Western Portion of Length Profile



Eastern Portion of Length Profile

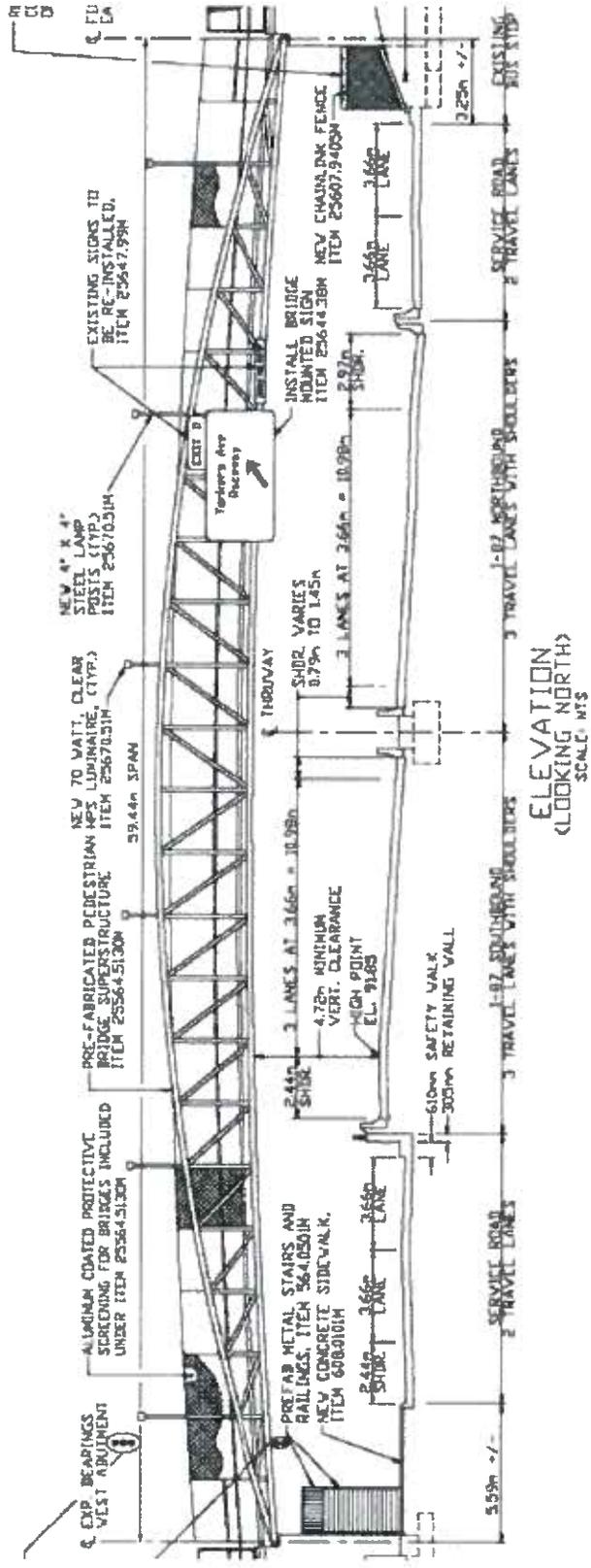


Sample Thruway Bridge, Yonkers



Lincoln Park Bridge

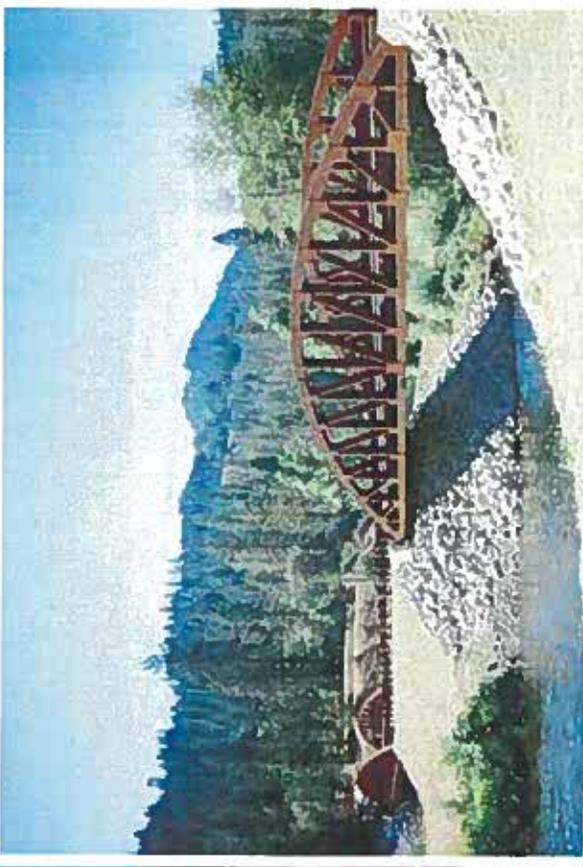
Construction Drawing



Lincoln Park Bridge

Source: New York State Thruway Authority

Proposed Pedestrian Bridge Designs



Preferred Pedestrian Bridge

- Connects the southern Croton Woods area with the Shandler Recreation area
- Follows the Old Croton Aqueduct Trail
- Accommodates pedestrians **and** cyclists
- Path and Bridge are 10' wide and handicap accessible
- Removal of existing vegetation is required, with required re-planting where necessary

DRAFT Pedestrian Footbridge Resolution

Whereas the Croton Filtration Monitoring Committee (CFMC) was created to by THE COUNCIL OF THE CITY OF NEW YORK in RESOLUTION NO. 933 to specifically advise Department of Environmental Protection (DEP) on all aspects of the design and construction of the filtration plant and all mitigation measures set forth in the FEIS and this Resolution.

Whereas this same resolution called upon the Department of Parks & Recreation (DPR) to undertake a feasibility study on a pedestrian footbridge, crossing the Major Deegan Expressway linking the heretofore and connected east and west portions of Van Cortlandt Park.

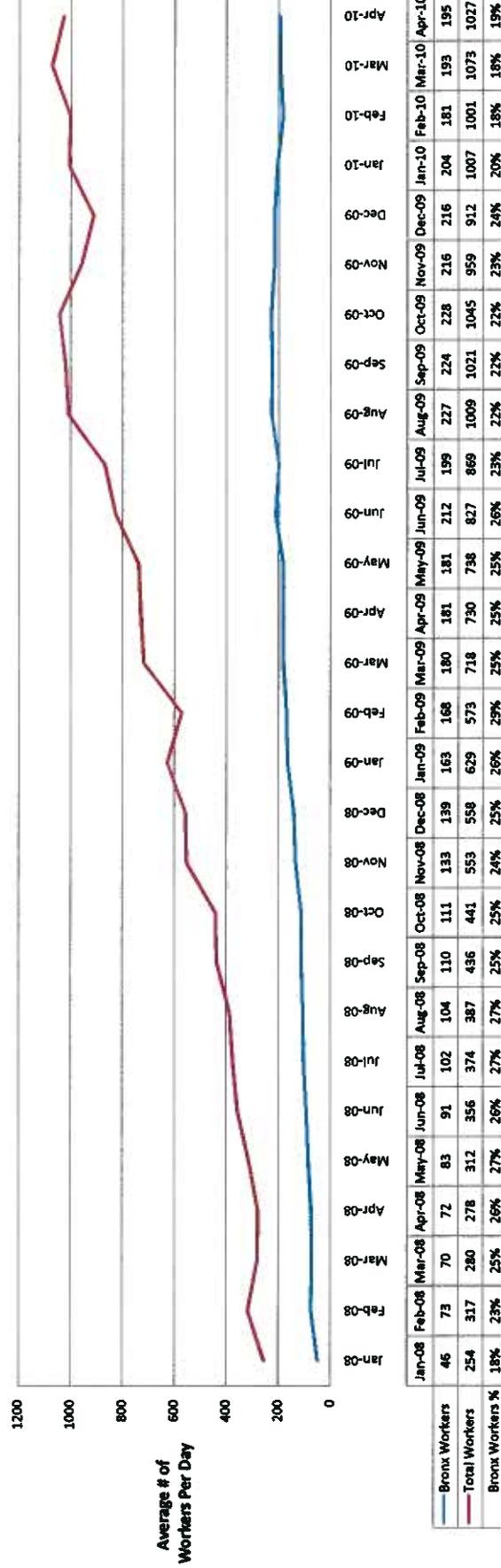
Whereas, the *Draft Final Report of the Van Cortlandt Park Pedestrian Bridge Feasibility Study* was presented to the CFMC by the DEP and DPR at its April meeting, reflecting that such a Pedestrian footbridge is “technically, legally and financially feasible”,

Whereas the City Council resolution No. 993 requires that if such conditions are met a Budget Modification, the Mayor shall seek to transfer sufficient funds from DEP to DPR through the City Council to design and build the pedestrian footbridge

Whereas the CFMC has received letters from Civic groups, Community Boards and concerned individuals within the community endorsing the design and construction of a pedestrian footbridge within VCP over the Major Deegan Expressway,

Be it resolved that the CFMC asks the Mayor of the City of New York to immediately introduce the necessary Budget Modification in the City Council to transfer funds from the DEP to the DPR in order for the DPR to design and construct a Pedestrian Footbridge within Van Cortlandt Park across the major Deegan expressway as outlined in the Feasibility Study presented to this Committee.

**CROTON WATER TREATMENT PLANT
AND OFFSITE FACILITIES AT JEROME PARK RESERVOIR**



Total Average Overall = 23% for CRO3126, CRO-312E1, CRO-312E2, CRO-312H, CRO-312P and CRO-312OS-G