

**NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF ENGINEERING DESIGN AND CONSTRUCTION  
CROTON FACILITY MONITORING COMMITTEE MEETING MINUTES  
THURSDAY, DECEMBER 6, 2012 – 7:00 PM**

The Croton Facility Monitoring Committee (CFMC) met on Thursday, December 6, 2012 at the DEP Office, 3660 Jerome Avenue, Bronx, NY 10467.

**Welcome**

The meeting began at 7:08 pm. Chairman Paul Foster thanked everyone for arriving promptly so the meeting could begin on time.

**Attending - CFMC Representatives – Attachment 1**

Hector Aponte, Bronx Borough Commissioner, Department of Parks & Recreation (DPR); Mr. Foster, Chair, Community Board # 7; Bob Fanuzzi, Chair, Community Board # 8; Father Richard Gorman, Chair, Community Board #12; Wilhelm Ronda, Bronx Borough President's Office; Council Member G. Oliver Koppell and Jamin Sewell, Office of Council Member Koppell; Mark Lanaghan and Shane Ojar, Department of Environmental Protection (DEP) **Others Attending:** DEP Staff; DPR Staff; DEP Construction Manager; and members of the public.

**Adoption of CFMC Meeting Agenda - Attachment 2**

The agenda was accepted without objection by the CFMC.

**Adoption of CFMC Meeting Minutes from September 20, 2012**

The CFMC reviewed and without modification adopted the September 20 minutes. Because a different member of Council Member Koppell's office attended the September 20 meeting, Mr. Sewell abstained from voting on the minutes.

**Croton Construction Update, Costs and Schedule**

Mr. Daly asked if there were questions about the costs report (*Attachment 3*). No questions were asked.

Mr. Daly said the CRO 311, 315 and 313 contracts are either complete or are in final stages of completion.

The CRO-312 contractors continue working outside and inside the Croton Filter Plant structures at Van Cortlandt Park (VCP). Mr. Daly distributed the construction schedule (*Attachment 4*) and reported that testing of the filter process will begin early next year, as will completion of the facility's roofing system, over which will be the golf course driving range. Water filtration plant equipment continues field testing and check out, and final inspections are taking place throughout the plant. There is still sewer utility work in Jerome Avenue taking place at night. It has not caused the public inconvenience.

At Jerome Park Reservoir (JPR), the Shaft and Meter Chamber work under CRO-312OS, is proceeding well and 22 new sluice gates have been installed. After explaining the

Gate House No. 7 work, where connections of the Croton water mains will take place, Mr. Daly reviewed the status of the other JPR Gate Houses. He said that work in Gate House No. 5 is moving along, and at Gate House No. 2 the scaffolding should be removed shortly. Gate House No. 6 work has been completed. The Microstrainer Building will eventually be demolished. Before the demolition, a temporary structure will be built over the Microstrainer Building, to contain all demolition activities.

Water main connections at Gate House No.7, which were originally planned for 2012 (before the 36" diameter water main repairs became the priority) will be taking place in July and August 2013, with a final, planned full roadway closure of Goulden Avenue from Sedgwick Avenue to 205 Street. As described to the CFMC on September 21, and subsequently to Community Board #8's Transportation and Traffic Committee meeting on November 20, 2012, in the next few months construction along and beneath Sedgwick Avenue at Goulden Avenue will remove and replace equipment in Shaft 3, the Mosholu Pumping Station. This work requires right lane closure of eastbound Sedgwick Avenue, from east of the BX 10 bus stop to Goulden Avenue. The lane closure is needed because the shaft access is in a portion of the roadway. Traffic analyses show that the lane closure will not adversely affect the movement of eastbound traffic. Discussions took place among DEP, DEP's consultant AECOM, and NYC Department of Transportation (DOT) to establish appropriate Maintenance and Protection of Traffic (MPT) actions to maintain the same level of service during construction as exists now. The proposed MPT plans are *Attachment 5*.

Gary Axelbank, area resident, asked for clarification of some MPT requirements, and Assembly Member Jeffrey Dinowitz said (as he said at CB #8's Transportation Committee meeting) that DEP and DOT should not reduce by two seconds the time pedestrians now have to cross Sedgwick Avenue from Goulden Avenue to Dickenson Avenue. He said the elderly and disabled pedestrians need maximum crossing time. Messrs. Daly and Lanaghan, and Erin Guire, AECOM, said DEP, and (at the CB #8 Transportation Committee Meeting) DOT Borough Commissioner Constance Moran have agreed DOT will monitor the crossing time when the MPT becomes effective. If necessary, there will be adjustments. Mr. Lanaghan said the Transportation Control Agents (TCAs) will help alleviate traffic congestion and will also assist people crossing Sedgwick Avenue at the intersection. Mr. Ronda asked the hours of TCA coverage. Mr. Daly said that from 7:00am to 10:00pm Mondays through Fridays there will be three TCA staffed locations. Robert Press, Bronx News, first asked about a reverse lane on westbound Sedgwick Avenue to compensate for the eastbound right lane closure, and then asked what DEP will do if the approved MPT doesn't work. Ms. Guire and Mr. Daly said the MPT plan satisfactorily addresses transportation and pedestrian concerns, and no difficulties are expected. Nonetheless, the situation will be closely watched, said Mr. Daly. Mr. Fanuzzi asked if DEP would consider suggestions from the public to improve the MPT, and Mr. Daly said yes, although DOT's approval is needed for any change. Mr. Aponte said these MPT details could be reviewed further at Community Board committee meetings if necessary.

In answer to a question, Mr. Daly said the Sedgwick Avenue lane closure work, beginning early in 2013 will be followed by the scheduled Croton Filter Plant water main connections in Goulden/Sedgwick Avenues in July and August 2013. Thereafter, the roadways and sidewalks will be restored.

Mr. Fanuzzi thanked DEP for attending the Community Board #8 Traffic and Transportation Committee meeting and giving a detailed presentation about the Shaft 3 work at Sedgwick and Goulden Avenues, and for providing the information at CFMC meetings as well.

The CRO-334 contractor is in the process of cleaning JPR basins, and both basins are expected to be filled by fall 2013. In answer to a question from Mr. Koppell, Mr. Daly said the noise wall will likely be dismantled in fall 2013.

Upon learning that the Gate House 7 exterior wall will be completed in 2013, Mr. Aponte requested that DEP restore its construction area at JPR to augment the DPR jog path project which is not funded all the way around JPR. Mr. Daly said DEP has been coordinating with DPR on the JPR restoration, but said that DEP staff would specifically meet with DPR staff after the meeting, to see where additional coordination could benefit the agencies' goals. At a future meeting of the CFMC, the agencies will report on these efforts. Mr. Koppell requested the scope that is contained in the jogging path bid so the CFMC can review the final bid plan. He also requested an update on the quantity of trees that are to be removed for DEP by DPR to comply with dam safety requirements at JPR. Mr. Fanuzzi was asked about the status of NYS Department of Environmental Conservation's willingness to hold a public hearing in the community on tree removal at the JPR earthen dam. He said that no progress has been made but the CFMC could revisit the matter.

CRO-312FM Force Main restoration of area-wide test pits is underway and should be completed in the first quarter of 2013. Mr. Axelbank asked for clarification about the cost and extent of this work since the force main project is not getting built. Mr. Daly explained that DEP is permanently restoring force main test pits that had previously been backfilled, after which DEP would close out the contract.

#### **Update on Croton Jobs & Purchases —Attachment 6**

Mr. Lanaghan presented the Croton jobs report through October 2012. The Bronx jobs participation increased to 19%, while the total number of workers was reduced by three individuals in October. The value of Bronx purchases continues to be steady. There was a short discussion by several CFMC representatives, DEP and Messrs. Dinowitz and Axelbank about the community's expectations for economic benefits from construction workers. A short discussion covered topics such as workers' shopping for food and services near the Croton Filter Plant site.

#### **New Chair of CFMC**

Mr. Foster thanked the CFMC for its cooperation during 2012. He said the Committee has been diligent about keeping the discussion on Croton. He thanked the Committee

and the public for less extraneous discussion. Mr. Foster congratulated Mr. Fanuzzi on becoming the CFMC chair for 2013. Mr. Ronda said Mr. Foster's leadership was appreciated. Mr. Fanuzzi praised both Mr. Foster for his leadership and Fr. Gorman for his prior stewardship of the CFMC.

### **CFMC Discussion**

Mr. Fanuzzi said that as new chair he would schedule the next CFMC meeting for January 2013 with the hope that DEP would agree to meet every month. Mr. Lanaghan said there is no change in DEP policy to host quarterly, not monthly meetings; however, DEP has not precluded attending a January 2013 meeting. Mr. Koppell asked that his strong support for regular meetings again be shared with DEP Commissioner Carter Strickland. Mr. Lanaghan introduced Mr. Ojar, DEP's Director of Community Partnerships, who will be attending future Croton meetings. Mr. Ojar has been the DEP representative at DEP's other facility monitoring committee meetings.

Karen Argenti, community activist, asked for DEP's response to a letter sent to various agencies stating there is no emergency generator at Croton despite that they are required at other sites. Mr. Fanuzzi said he does not know the issue but that it could be discussed in the future.

Thursday, January 17, 2013 was tentatively set for the next CFMC meeting, with the understanding that it would be cancelled if DEP will not participate.

Following Mr. Foster's suggestion to end the meeting, the meeting adjourned at 8:10pm.

<u>Name</u>	<u>Organization / Company</u>	<u>Address</u>	<u>Phone</u>	<u>Fax</u>	<u>E-Mail</u>
Hon. Oliver Koppell	Council Member	3636 Waldo Avenue Bronx NY 10463	(718) 549-7300		<a href="mailto:okoppell@council.nyc.gov">okoppell@council.nyc.gov</a>
Thomas Farrell, PE	URS-MP Construction Management	3701 Jerome Avenue Bronx, NY 10467	(718) 696 2000		<a href="mailto:thomas.farrell@shawgrp.com">thomas.farrell@shawgrp.com</a>
Robert Press	URS-MP Construction Management	3155 Rochambeau Bronx NY 10467	(718) 653-6992		<a href="mailto:100percentbronxnews@gmail.com">100percentbronxnews@gmail.com</a>
Robert Fanuzzi	Community Board #8	5676 Riverdale Avenue Bronx NY 10471	(718) 884-4740		<a href="mailto:fanuzzir@stjohns.edu">fanuzzir@stjohns.edu</a>
Michele Lignore- Diaz	Department of Parks & Recreation	1 Bronx River Parkway Bronx NY	(718) 430-4617		<a href="mailto:michele.lignore-diaz@parks.nyc.gov">michele.lignore-diaz@parks.nyc.gov</a>
Father Richard Gorman	Community Board #12	4101 White Plains Road Bronx NY 10466	(212) 608-4137		<a href="mailto:gorman@cb.nyc.gov">gorman@cb.nyc.gov</a>
Hector Aponete	Bronx Parks Commissioner	1 Bronx River Parkway Bronx NY	(718) 430-1801		<a href="mailto:hector.aponte@parks.nyc.gov">hector.aponte@parks.nyc.gov</a>
Mark Lanaghan	Department of Environmental Protection	59-17 Junction Blvd Flushing NY 11368	(718) 595-3519		<a href="mailto:markl@dep.nyc.gov">markl@dep.nyc.gov</a>
Jamin Sewell	Office of Council Member Oliver Koppell	3636 Waldo Avenue Bronx NY 10463	(718) 549-7300		<a href="mailto:jsewell@council.nyc.gov">jsewell@council.nyc.gov</a>
Martha Holstein	Strategic Urban Solutions, Inc.	335 Adams Street Brooklyn, NY 11201	(718) 625-1005 x. 223	(718) 625-1032	<a href="mailto:mholstein@urbansol.com">mholstein@urbansol.com</a>
Bernard Daly, P.E.	DEP BEDC Project Manager	3701 Jerome Avenue Bronx, NY 10467	(718) 696-2000	(718) 324-3034	<a href="mailto:bdaly@dep.nyc.gov">bdaly@dep.nyc.gov</a>
Gary Axelbank	Van Cortlandt Village Resident		(718) 960-8707		<a href="mailto:gaxinthebronx@gmail.com">gaxinthebronx@gmail.com</a>
Paul Foster	Community Board #7	229A East 204th Street Bronx NY 10458	(718) - 933-5650		<a href="mailto:pfoster@cb.nyc.gov">pfoster@cb.nyc.gov</a>
Wilhelm Ronda	Office of Bronx Borough President Diaz	198 East 161st Street Bronx, NY 10451	(718) 590-8087		<a href="mailto:wronda@bxbp.nyc.gov">wronda@bxbp.nyc.gov</a>

<u>Name</u>	<u>Organization / Institution</u>	<u>Address</u>	<u>Phone</u>	<u>Fax</u>	<u>Email</u>
Adam Wisnieski	Riverdale Press	6155 Broadway Bronx NY 10471	(718) 543-6065		<a href="mailto:awisnieski@riverdalepress.com">awisnieski@riverdalepress.com</a>
Hon. Jeffrey Dinowitz	Assembly Member	3107 Kingsbridge Ave Bronx NY 10463	(718) 796-5345		<a href="mailto:jeffreydinowitz@gmail.com">jeffreydinowitz@gmail.com</a>
Ivan Nedds	Office of Assemblyman Dinowitz	3107 Kingsbridge Ave Bronx NY 10463	(718) 796-5345		
Shane Ojar	Department of Environmental Protection	59-17 Junction Blvd Flushing NY 11368	(718) 595-4148		<a href="mailto:sojar@dep.nyc.gov">sojar@dep.nyc.gov</a>
Robert M.Cooney, PE		147 Skytop Dr Pleasantville NY 10570	(914) 769-7859		<a href="mailto:bobcooney@optonline.net">bobcooney@optonline.net</a>
Miawling Lam	Riverdale Review	5752 Fieldston Rd Bronx NY 10471	(718) 543-5200 x 110		<a href="mailto:miauling.lam@gmail.com">miauling.lam@gmail.com</a>
Ilona Linins	Lehman College	250 Bedford Park Blvd. Bronx NY	(718) 960-8988		<a href="mailto:ilona.linins@lehman.edu">ilona.linins@lehman.edu</a>
Karen Argenti	BCUE	PO Box 346 Bronx NY 10471	(646) 529 1990		<a href="mailto:kabx101@gmail.com">kabx101@gmail.com</a>
Erin Guire	AECOM	605 Third Avenue New York NY 10158	(732) 361-7809		<a href="mailto:erin.guire@aecom.com">erin.guire@aecom.com</a>

**Agenda**  
**Croton Facility Monitoring Committee Meeting**  
Thursday, December 6, 2012 – 7:00 PM  
DEP Office – 3660 Jerome Avenue, Bronx NY 10467 - (718) 231-8470

- |  |                         |
|--|-------------------------|
| <b>I</b> Welcome   | Paul Foster, Chair      |
| <b>II</b> Consider and Adopt the Meeting Agenda                          | CFMC Representatives    |
| <b>III</b> Consider, Adopt 9/20/12 Meeting Minutes                       | CFMC Representatives    |
| <b>IV</b> Croton Construction Update, including work<br>On Sedgwick Ave, | Bernard Daly, P.E., DEP |
| <b>V</b> Construction Schedule & Costs Report                            | Bernard Daly, P.E., DEP |
| <b>VI</b> Croton Jobs and Bronx Purchases                                | Mark Lanaghan, DEP      |
| <b>VII</b> Select New FMC Chair<br>for 2013                              | CFMC Representatives    |
| <b>VIII</b> CFMC Discussion & Set Date for Next<br>Meeting               | CFMC Representatives    |
| <b>IX</b> Adjourn  |                         |

WM-11 Croton Water Treatment Plant  
Cost Summary as of 10/31/2012

Croton WTP Construction Costs							
Contract	Contractor Name	Original Contract Price	Registered Change Orders	Current Contract Amount	Amount Invoiced to Date	% Contract Increase	% Complete based on Amount Invoiced to Date
CRO-311	Schiavone Construction Co.	\$127,660,000	-\$14,445,214	\$113,214,786	\$113,214,786	-11%	100%
CRO-312G	Skanska/Tully, JV	\$1,327,700,000	\$140,265,157	\$1,467,965,157	\$1,283,323,719	11%	87%
CRO-312E1	Schlesinger-Siemens, LLC	\$134,660,000	\$25,003,986	\$159,663,986	\$85,255,218	19%	53%
CRO-312E2	Schlesinger-Siemens, LLC	\$37,678,000	\$7,358,105	\$45,036,105	\$33,378,048	20%	74%
CRO-312H	Durr Mechanical Construction	\$105,700,000	\$24,241,791	\$129,941,791	\$105,299,851	23%	81%
CRO-312P	Picone/WDF, JV	\$58,475,000	\$14,587,135	\$73,062,135	\$63,681,514	25%	87%
CRO-312OS-G	Picone-Schiavone, JV	\$96,842,500	\$29,661,365	\$126,503,865	\$96,214,106	31%	76%
CRO-312OS-E	Eldor Electric	\$15,762,500	\$1,617,379	\$17,379,879	\$12,113,423	10%	70%
CRO-312OS-H	AWL Industries	\$622,000	\$56,971	\$678,971	\$448,643	7%	51%
CRO-312OS-P	JPP Plumbing	\$872,000	\$194,117	\$1,066,117	\$783,981	22%	74%
CRO-312FM (1)	Maspeth Supply Co. LLC	\$18,626,745	-\$324,387	\$18,302,358	\$911,622	-2%	5%
CRO-313	Schiavone/Picone, JV	\$212,227,000	-\$6,787,681	\$205,439,319	\$205,645,619	-3%	100%
CRO-315G	Angelakis Construction Corp.	\$3,641,000	\$2,282	\$3,643,282	\$3,643,282	0%	100%
CRO-315E	Interphase Electric	\$807,317	\$144,874	\$952,191	\$952,191	18%	100%
CRO-312DE	Con Edison	\$4,074,526	\$0	\$4,074,526	\$2,716,351	0%	67%
<b>TOTAL</b>		<b>\$2,145,568,588</b>	<b>\$221,575,979</b>	<b>\$2,367,144,467</b>	<b>\$2,007,582,363</b>	<b>10%</b>	<b>86%</b>
Croton WTP Design / Construction Management Costs							
HED-543 DES	Metcalf & Eddy / Hazen and Sawyer, JV	\$44,228,000	\$248,899,624	\$293,125,624	\$274,439,450	563%	94%
HED-545 CM	URS/Malcolm Pirnie, JV	\$63,400,000	\$76,195,713	\$139,595,713	\$110,419,688	120%	79%
<b>TOTAL</b>		<b>\$107,628,000</b>	<b>\$325,095,337</b>	<b>\$432,721,337</b>	<b>\$384,859,138</b>	<b>302%</b>	<b>89%</b>

Rehabilitation of the New Croton Aqueduct Construction Costs							
Contract	Contractor Name	Original Contract Price	Registered Change Orders	Current Contract Amount	Amount Invoiced to Date	% Contract Increase	% Complete based on Amount Invoiced to Date
CRO-334G	Frontier-Kemper/Schiavone/Picone JV	\$91,696,805	\$23,196,660	\$114,893,465	\$90,035,818	25%	78%
CRO-334E	Community Electric	\$1,119,000	\$270,800	\$1,389,800	\$1,034,088	24%	74%
<b>TOTAL</b>		<b>\$92,815,805</b>	<b>\$23,467,460</b>	<b>\$116,283,265</b>	<b>\$91,069,906</b>	<b>25%</b>	<b>78%</b>
Rehabilitation of the New Croton Aqueduct Construction Management Costs (2)							
TCM-CRO-334	Washington/HAKS JV	\$5,952,448	\$2,161,900	\$8,114,346	\$8,001,739	36%	99%
<b>TOTAL</b>		<b>\$5,952,448</b>	<b>\$2,161,900</b>	<b>\$8,114,346</b>	<b>\$8,001,739</b>	<b>36%</b>	<b>99%</b>

Notes:

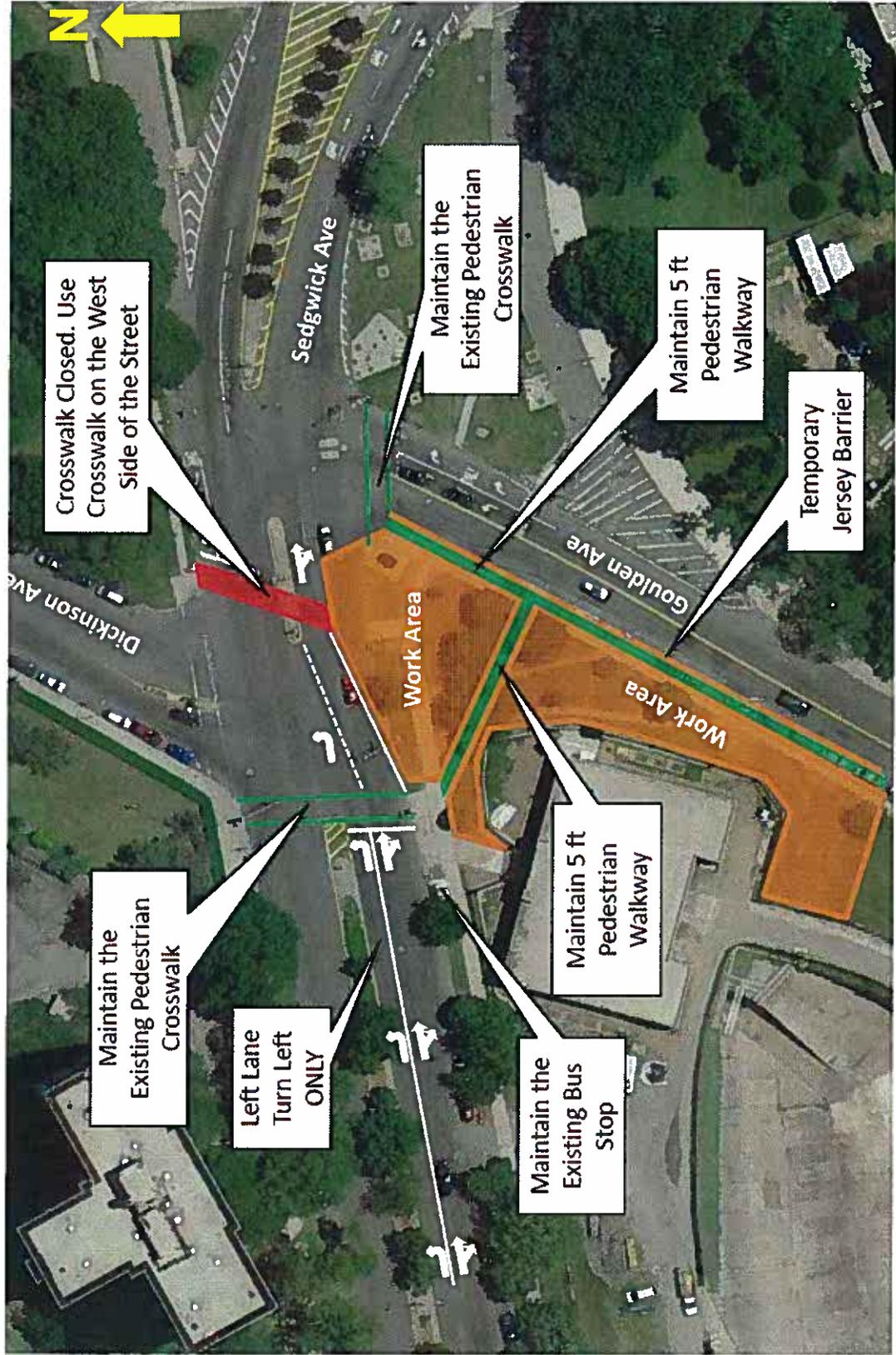
(1) Costs shown for CRO-312FM are for the original Force Main Route to Hunts Point WPCP.

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



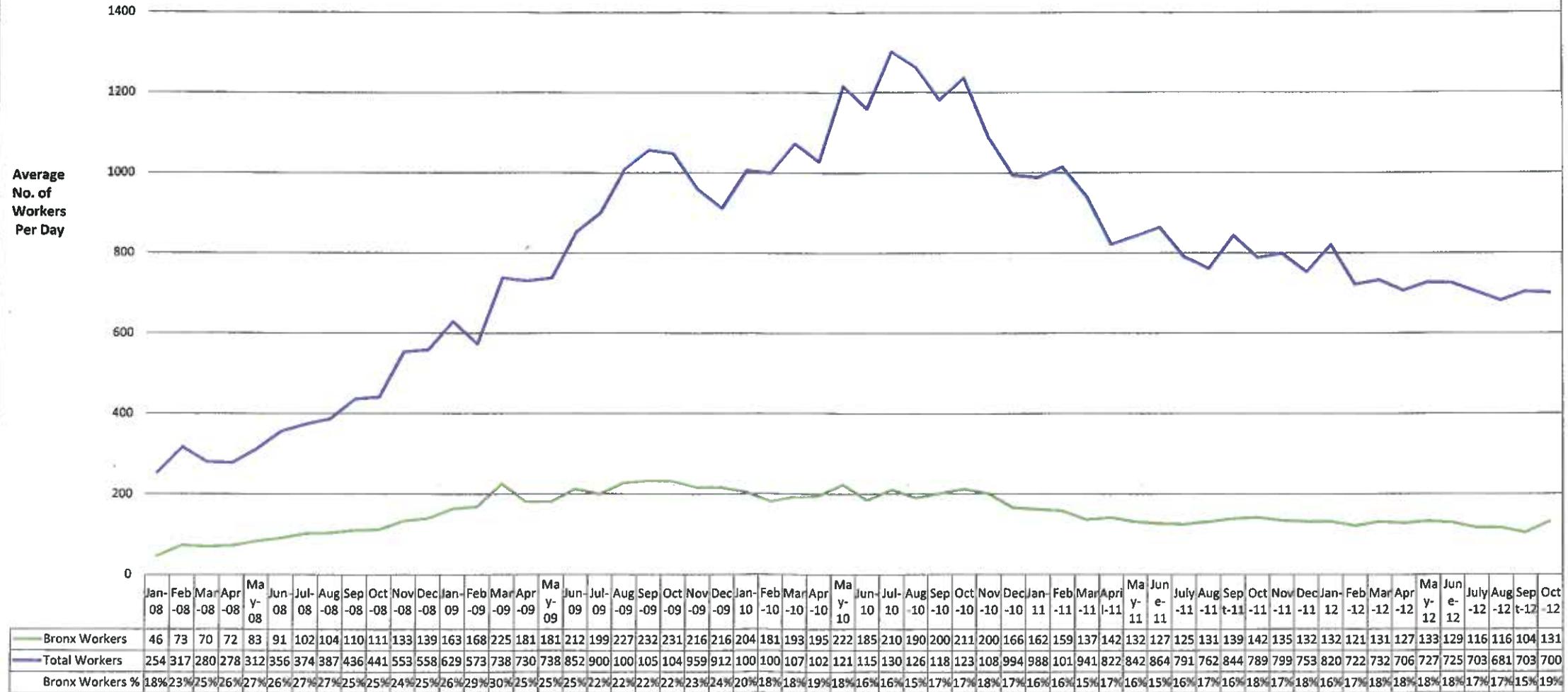


# Sedgwick Ave Lane Closure Traffic Plan



For more information contact DEP's Community Office at 718-231-8470 or Email: [GOULDENAVEWATERLINE@CrotonCM.com](mailto:GOULDENAVEWATERLINE@CrotonCM.com)

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



Total Average Overall= 19%

### Croton WTP Bronx Purchases

