

Five Year Capital Plan Calendar Years 2010 - 2014

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New York City Housing Authority FY 2010 – FY 2014 Capital Plan

Table of Contents

Executive Summary	2
FY 2010- FY 2014 Capital Plan Funding	4
FY 2010- FY 2014 Highlights of Infrastructure Improvements	5
FY 2010- FY 2014 Proposed Capital Plan- By Funding Source	6
FY 2010 Mixed Finance Rehab Plans	13

Executive Summary

Overview

The New York City Housing Authority's 2010 Five Year Capital Plan provides \$2.6 billion for infrastructure improvements, major modernization, and other systemic upgrades. Through its capital planning process, NYCHA preserves its aging housing stock by providing funding for roof replacements, brickwork, elevator upgrades, and other major renovations. The most critical needs are identified and are financed based on available funding.

Needs are also identified for non-construction projects, which include information technology initiatives, energy efficiency initiatives, code compliance repairs, and other management improvements. These projects create greater efficiency in Authority operations.

The capital plan will continue to meet the most pressing needs of NYCHA's aging properties. The modernization work proposed in the plan will focus on the structural integrity of buildings with work centering on brickwork and roof improvements. In addition, the plan recognizes the importance of elevator upgrades and continues to fund this modernization work with the same level of priority as the prior year.

Capital Need

NYCHA's identified five-year capital need since 2005 is \$7.5 billion. Through its capital planning process, the Authority decides on how to best invest scarce financial resources to address this need.

In 2005, NYCHA secured additional funding sources by issuing \$300 million in bonds to finance its critical modernization needs. The bonds allowed NYCHA to fund immediate roof and brickwork replacement needs. In April 2009, this bond was completed. The bond issuance along with the capital subsidies received during this time addressed approximately \$1.8 billion of this need.

Financing the Capital Need

The revenue used to fund the work listed in the capital plan comes from a variety of sources. Seventy percent of revenue is funded by the federal government through the U.S. Department of Housing and Urban Development's Capital Fund Program. Seven percent is funded by the City of New York. Three percent is provided annually from New York State. These funds are allocated during the appropriation cycle for each level of government. The remaining twenty percent of the revenue will be provided via creative financing tools.

In 2010, the Authority will leverage one-time revenue sources to provide additional funding to accelerate modernization work. In addition to federal stimulus funds, NYCHA will leverage funds from the private market to address a backlog of modernization needs for its aging portfolio.

Stimulus

In response to the nation's economic crisis, the President signed the American Recovery and Reinvestment Act (ARRA) of 2009 authorizing stimulus funding with the goals of creating jobs and spurring economic activity. NYCHA was awarded \$423 million of this funding, which will be used Authority-wide to address structural needs.

As of January 2010, \$282 million was obligated for modernization work with sixty-five percent dedicated to high priority brickwork, roof replacements, and elevator upgrades. The remaining thirty-five percent represent funds obligated for other purposes, such as heating, plumbing, and the purchasing of refrigerators and ranges.

The remaining \$141 million presented in this budget is the amount left to be obligated, which is expected to occur before March 17, 2010. Of this amount, \$107 million will be used for rehabilitation work under a mixed finance plan. Seventy-five percent of the \$107 million will

address brickwork and roof improvements; ten percent will be allocated for general construction costs; nine percent will fund elevator upgrades; and the remaining six percent will fund various heating, window and entrance/exit projects. The remaining \$34 million of stimulus funds will primarily fund needs related to brickwork, roof replacements, elevator upgrades, and purchases of ranges.

Mixed Financing

The Recovery Act provides a unique opportunity to add public housing units to NYCHA's portfolio. NYCHA will use \$107 million of stimulus funding to address modernization needs at 21 City and State built developments. By entering into a mixed financing model, NYCHA will leverage \$100 million of tax credit equity for these unsubsidized units. Of these funds, fifty-three percent will address brickwork and roof improvements; thirty percent will be allocated for general construction; and fourteen percent will fund elevator upgrades.

The mixed financing rehabilitation plan will leverage stimulus funds, which will fully federalize these properties, thus enabling the receipt of federal operating subsidies for the first time. NYCHA will also leverage \$42 million in state modernization funds as equity in this plan. In total, the mixed financing rehabilitation fund will support \$250 million in modernization needs at these developments.

Bond Proceeds

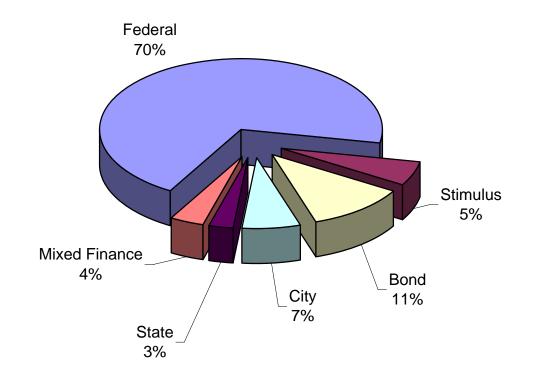
As part of its 2010 Five Year Capital Plan strategy, NYCHA will pursue a second bond issuance of \$300 million to further accelerate its modernization program. This second issuance will fund additional brickwork and roof project needs. Under the Capital Fund Financing Program (CFFP), NYCHA may borrow private capital to make improvements and pledge, subject to availability of appropriations, a portion of its future year annual Capital Funds to make debt service payments for a bond.

Of the \$300 million proposed, ninety-two percent will be used for Local Law 11 compliance, which includes brickwork, temporary safety sheds, and third-party inspections. Local Law 11 applies to buildings that are six or more stories and addresses the dangers associated with deteriorating building facades. The work associated with this bond issuance will correct unsafe conditions identified in prior inspections. The Authority will also use this opportunity to address deteriorating conditions in advance of the next inspection cycle, which runs through February 21, 2013.

Although NYCHA's 2010 Five Year Capital Plan does not completely address its entire modernization need, it does leverage one-time revenues to fund pressing structural and systemic repairs. These new sources of funding, as well as continued subsides, focus on infrastructure improvements such as brickwork replacement, roofing improvements, and elevator upgrades. These initiatives will provide NYCHA residents with structurally safe buildings and ensure the viability of public housing for future generations.

NYCHA Five Year Capital Plan Funding FY 2010 - FY 2014

Total Capital Plan Funding \$2.6 Billion



NYCHA Five Year Capital Plan Funding Highlights of Infrastructure Improvements FY 2010 - FY 2014

Authoritywide Elevator Budget

Borough	2010	2011	2012	2013	2014	Fi	ve Year Totals
Bronx	\$ 9,689	\$ 7,495	\$ 7,731	\$ 1,318	\$ 16,536	\$	42,770
Manhattan	\$ 55,464	\$ 14,972	\$ 21,698	\$ 7,225	\$ 7,751	\$	107,111
Brooklyn	\$ 10,249	\$ 7,780	\$ 6,621	\$ 22,123	\$ 15,135	\$	61,908
Queens	\$ 8,885	\$ 9,413	\$ -	\$ -	\$ 6,875	\$	25,173
Staten Island	\$ -	\$ -	\$ -	\$ -	\$ 6,000	\$	6,000
Citywide	\$ 2,260	\$ -	\$ -	\$ -	\$ -	\$	2,260
Total Funding	\$ 86,548	\$ 39,661	\$ 36,049	\$ 30,667	\$ 52,297	\$	245,222
	35.3%	16.2%	14.7%	12.5%	21.3%		100.0%

Authoritywide Brickwork Budget

Borough	2010	2011	2012	2013	2014	Fi	ve Year Totals
Bronx	\$ 7,953	\$ 2,334	\$ 3,725	\$ 1,070	\$ -	\$	15,082
Manhattan	\$ 32,537	\$ 124,820	\$ 3,865	\$ 680	\$ 1,045	\$	162,947
Brooklyn	\$ 5,422	\$ 11,572	\$ 6,400	\$ 21,954	\$ -	\$	45,349
Queens	\$ 61	\$ -	\$ -	\$ -	\$ -	\$	61
Staten Island	\$ 625	\$ 128,900	\$ -	\$ -	\$ -	\$	129,525
Citywide	\$ 10,779	\$ -	\$ -	\$ -	\$ -	\$	10,779
Total Funding	\$ 57,377	\$ 267,627	\$ 13,990	\$ 23,704	\$ 1,045	\$	363,743
	15.8%	73.6%	3.8%	6.5%	0.3%		100.0%

Authoritywide Roof Replacement Budget

Borough	2010	2011	2012	2013	2014	Fi	ve Year Totals
Bronx	\$ 41,908	\$ 4,641	\$ 10,962	\$ 26,152	\$ 550	\$	84,214
Manhattan	\$ 78,387	\$ 5,582	\$ 19,075	\$ 12,846	\$ -	\$	115,889
Brooklyn	\$ 21,029	\$ 14,111	\$ 9,791	\$ 9,198	\$ 18,007	\$	72,136
Queens	\$ 1,139	\$ 4,578	\$ 6,563	\$ -	\$ -	\$	12,280
Staten Island	\$ 8,206	\$ 6,138	\$ 8,901	\$ -	\$ -	\$	23,245
Citywide	\$ 4,612	\$ -	\$ -	\$ -	\$ -	\$	4,612
Total Funding	\$ 155,282	\$ 35,049	\$ 55,291	\$ 48,196	\$ 18,557	\$	312,375
	49.7%	11.2%	17.7%	15.4%	5.9%		100.0%



New York City Housing Authority FY 2010 - FY 2014 Proposed Capital Plan - by Category - ALL funding Dollars in thousands

Project # and Name	2010*	2011	2012	2013	2014	Totals
Non-CPD DGM Program						
Administration	15,293	0	0	0	0	15,293
Community Operations	3,066	300	300	300	300	4,266
Development	7,385	0	0	5,356	0	12,741
Energy	46,081	23,794	300	3,945	300	74,420
Finance	4	0	0	0	0	4
Information Technology	28,241	12,957	10,936	10,186	10,186	72,505
Law	1,319	0	0	0	0	1,319
Operations	50,513	21,027	21,027	21,027	21,027	134,621
Non-CPD Total	151,901	58,078	32,563	40,814	31,813	315,167
CPD DGM Program						
A&E / CM Fees	49,201	55,000	5,000	5,000	11,000	125,201
Bathrooms/ Kitchens	404	0	11,750	15,470	7,625	35,249
Brickwork/ Concrete	57,377	267,627	13,990	23,704	1,045	363,743
Community Cntr Constr	16,851	0	0	2,356	0	19,207
Current Proj Contingency	726	8,126	8,799	10,000	10,481	38,132
Doors/ Entrances	2,791	0	4,268	1,518	0	8,577
Electrical/ Lighting	5,711	800	5,155	4,989	0	16,655
Elevators	74,863	39,661	36,049	30,667	52,297	233,536
Fire Safety	87	0	55	260	0	402
Floors	0	0	0	951	0	951
Front Line Costs	29,857	29,872	29,886	29,898	29,898	149,410
Garbage Disposal	1,838	980	300	1,525	515	5,158
General Construction	118,158	7,723	6,060	5,686	7,695	145,323
Grounds	1,191	2,900	0	4,025	0	8,116
Heating/ Plumbing	23,860	20,530	17,073	27,594	61,014	150,071
Intercoms/ Security	31,337	1,000	0	0	0	32,337
Major Renovations	146,940	46,230	4,295	0	0	197,465
Roofs	152,038	35,049	55,291	48,196	18,557	309,131
Unplanned Projects	0	5,000	5,000	5,000	5,500	20,500
Various CPD Needs	690	600	600	1,000	600	3,490
Windows	2,080	0	0	0	0	2,080
CPD Total	716,000	521,098	203,572	217,838	206,227	1,864,735
Miscellaneous						
CFFP Transaction Costs	22,663	22,648	45,269	45,244	45,244	181,068
Contingency	20,404	25,273	0	0	0	45,677
Management Fees	33,187	33,187	33,187	33,187	33,187	165,934
NYPD	7,447	4,978	4,978	4,978	4,978	27,359
Transfer to Operating	15,183	0	0	0	0	15,183
Miscellaneous Total	98,884	86,085	83,434	83,409	83,409	435,221
Grand Total	966,785	665,261	319,568	342,060	321,448	2,615,123
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New York City Housing Authority FY 2010 - FY 2014 Proposed Capital Plan - by Category - Federal Dollars in thousands

Project # and Name	2010*	2011	2012	2013	2014	Totals
Non-CPD DGM Program						
Administration	13,574	0	0	0	0	13,574
Community Operations	2,136	300	300	300	300	3,336
Development	2,885	0	0	0	0	2,885
Energy	5,464	300	300	300	300	6,664
Finance	4	0	0	0	0	4
Information Technology	28,241	12,957	10,936	10,186	10,186	72,505
Law	88	0	0	0	0	88
Operations	37,909	21,027	21,027	21,027	21,027	122,017
Non-CPD Total	90,301	34,584	32,563	31,813	31,813	221,073
CPD DGM Program						
A&E / CM Fees	32,120	30,000	5,000	5,000	11,000	83,120
Bathrooms/ Kitchens	392	0	6,000	6,187	2,248	14,827
Brickwork/ Concrete	23,465	17,252	6,767	23,024	1,045	71,553
Community Cntr Constr	1,602	0	0	0	0	1,602
Current Proj Contingency	629	8,126	8,799	10,000	10,481	38,035
Doors/ Entrances	131	0	4,268	300	0	4,699
Electrical/ Lighting	753	0	5,155	4,989	0	10,898
Elevators	53,819	37,161	36,049	30,667	45,897	203,592
Fire Safety	87	0	55	260	0	402
Floors	0	0	0	951	0	951
Front Line Costs	29,857	29,872	29,886	29,898	29,898	149,410
Garbage Disposal	1,588	980	300	930	45	3,843
General Construction	5,280	7,723	6,060	5,640	7,695	32,398
Grounds	520	2,900	0	125	0	3,545
Heating/ Plumbing	19,614	18,680	17,073	27,194	58,407	140,968
Intercoms/ Security	1,327	0	0	0	0	1,327
Major Renovations	146,940	46,230	4,295	0	0	197,465
Roofs	64,120	6,674	55,291	40,209	18,557	184,851
Unplanned Projects	0	5,000	5,000	5,000	5,500	20,500
Various CPD Needs	690	600	600	1,000	600	3,490
Windows	4	0	0	0	0	4
CPD Total	382,937	211,198	190,599	191,373	191,373	1,167,480
Miscellaneous						
CFFP Transaction Costs	22,663	22,648	45,269	45,244	45,244	181,068
Contingency	20,404	25,273	0	0	0	45,677
Management Fees	33,187	33,187	33,187	33,187	33,187	165,934
NYPD	7,447	4,978	4,978	4,978	4,978	27,359
Transfer to Operating	15,183	0	0	0	0	15,183
Miscellaneous Total	98,884	86,085	83,434	83,409	83,409	435,221
Grand Total	572,122	331,867	306,595	306,594	306,594	1,823,773



New York City Housing Authority FY 2010 - FY 2014 Proposed Capital Plan - by Category - Stimulus Dollars in thousands

Project # and Name	2010*	2011	2012	2013	2014	Totals
Non-CPD DGM Program						
Administration	1,719	0	0	0	0	1,719
Development	1,000	0	0	0	0	1,000
Law	1,231	0	0	0	0	1,231
Operations	12,561	0	0	0	0	12,561
Non-CPD Total	16,511	0	0	0	0	16,511
CPD DGM Program						
A&E / CM Fees	17,081	0	0	0	0	17,081
Brickwork/ Concrete	16,894	0	0	0	0	16,894
Current Proj Contingency	97	0	0	0	0	97
Elevators	6,416	0	0	0	0	6,416
General Construction	29,984	0	0	0	0	29,984
Heating/ Plumbing	2,192	0	0	0	0	2,192
Roofs	51,283	0	0	0	0	51,283
Windows	868	0	0	0	0	868
CPD Total	124,817	0	0	0	0	124,817
Grand Total	141,328	0	0	0	0	141,328



New York City Housing Authority FY 2010 - FY 2014 Proposed Capital Plan - by Category - City Dollars in thousands

Project # and Name	2010*	2011	2012	2013	2014	Totals
Non-CPD DGM Program						
Community Operations	930	0	0	0	0	930
Development	3,500	0	0	5,356	0	8,856
Energy	40,617	23,494	0	3,645	0	67,756
Operations	42	0	0	0	0	42
Non-CPD Total	45,089	23,494	0	9,001	0	77,584
CPD DGM Program						
Bathrooms/ Kitchens	12	0	5,750	9,283	5,377	20,422
Brickwork/ Concrete	13	0	823	680	0	1,516
Community Cntr Constr	15,249	0	0	2,356	0	17,605
Doors/ Entrances	2,660	0	0	1,218	0	3,878
Electrical/ Lighting	548	0	0	0	0	548
Elevators	150	2,500	0	0	0	2,650
Garbage Disposal	250	0	0	595	470	1,315
General Construction	7,001	0	0	46	0	7,047
Grounds	671	0	0	1,500	0	2,171
Heating/ Plumbing	575	0	0	400	2,607	3,582
Intercoms/ Security	30,010	1,000	0	0	0	31,010
Roofs	800	0	0	3,987	0	4,787
CPD Total	57,939	3,500	6,573	20,065	8,454	96,531
Grand Total	103,028	26,994	6,573	29,066	8,454	174,115



New York City Housing Authority FY 2010 - FY 2014 Proposed Capital Plan - by Category - State Dollars in thousands

Project # and Name	2010*	2011	2012	2013	2014	Totals
CPD DGM Program						
Brickwork/ Concrete	0	0	6,400	0	0	6,400
Electrical/ Lighting	4,410	800	0	0	0	5,210
Elevators	0	0	0	0	6,400	6,400
General Construction	45,767	0	0	0	0	45,767
Grounds	0	0	0	2,400	0	2,400
Heating/ Plumbing	0	1,850	0	0	0	1,850
Roofs	0	3,750	0	4,000	0	7,750
CPD Total	50,177	6,400	6,400	6,400	6,400	75,777
Grand Total	50,177	6,400	6,400	6,400	6,400	75,777



New York City Housing Authority FY 2010 - FY 2014 Proposed Capital Plan - by Category - Bond Dollars in thousands

Project # and Name	2010*	2011	2012	2013	2014	Totals
CPD DGM Program						
A&E / CM Fees	0	25,000	0	0	0	25,000
Brickwork/ Concrete	0	250,375	0	0	0	250,375
Roofs	0	24,625	0	0	0	24,625
CPD Total	0	300,000	0	0	0	300,000
Grand Total	0	300,000	0	0	0	300,000



New York City Housing Authority FY 2010 - FY 2014 Proposed Capital Plan - by Category - Mixed Finance Dollars in thousands

Project # and Name	2010*	2011	2012	2013	2014	Totals
CPD DGM Program						
Brickwork/ Concrete	17,005	0	0	0	0	17,005
Elevators	14,478	0	0	0	0	14,478
General Construction	30,126	0	0	0	0	30,126
Heating/ Plumbing	1,479	0	0	0	0	1,479
Roofs	35,835	0	0	0	0	35,835
Windows	1,208	0	0	0	0	1,208
CPD Total	100,130	0	0	0	0	100,130
Grand Total	100,130	0	0	0	0	100,130

FY 2010 Mixed Finance Rehabilitation Plan

Development	Stimulus	R	State Iodernization	/	All Other Mixed Finance	Total Funding
344 E28TH	\$ 1,882,067	\$	-	\$	4,472,421	\$ 6,354,488
Baychester	\$ 1,055,873	\$	-	\$	182,388	\$ 1,238,261
Boulevard	\$ 10,167,612	\$	-	\$	6,241,434	\$ 16,409,046
Independence Towers	\$ 2,986,876	\$	-	\$	1,254,582	\$ 4,241,458
Linden	\$ 3,343,096	\$	-	\$	3,264,921	\$ 6,608,017
Murphy	\$ 692,606			\$	2,168,865	\$ 2,861,471
Williams Plaza	\$ 4,465,828			\$	973,732	\$ 5,439,560
Wise Towers	\$ 1,839,823			\$	1,134,577	\$ 2,974,400
Amsterdam Add.	\$ 3,285,458	\$	-	\$	2,431,952	\$ 5,717,410
Bayview	\$ 5,311,219	\$	-	\$	7,392,361	\$ 12,703,580
Bushwick	\$ 6,237,404	\$	-	\$	3,480,096	\$ 9,717,500
Castle Hill	\$ 14,019,738	\$	-	\$	12,280,705	\$ 26,300,443
Chelsea	\$ 1,900,397	\$	-	\$	3,008,903	\$ 4,909,300
Drew Hamilton	\$ 7,378,282	\$	-	\$	18,172,134	\$ 25,550,416
Fred Samuels	\$ 1,130,492	\$	-	\$	4,161,851	\$ 5,292,343
Manhattanville	\$ 7,935,406	\$	-	\$	6,054,261	\$ 13,989,667
Marble Hill	\$ 6,991,840	\$	-	\$	8,419,776	\$ 15,411,616
Marlboro	\$ 5,862,254	\$	42,000,000	\$	2,574,937	\$ 50,437,191
Rutgers	\$ 3,098,978	\$	-	\$	2,726,300	\$ 5,825,278
St. Mary's Park	\$ 3,138,629	\$	-	\$	5,019,212	\$ 8,157,841
Stapleton	\$ 4,116,333	\$	-	\$	4,714,780	\$ 8,831,113
SUBTOTALS	\$96,840,211		\$42,000,000		\$100,130,188	\$238,970,399
OTHER CONSTRUCTION RELATED COSTS	\$ 10,789,049	\$	-	\$	-	\$ 10,789,049
TOTALS	\$ 107,629,260		\$42,000,000		\$100,130,188	\$249,759,448

NYCHA Five Year Capital Plan Funding FY 2010 - FY 2014

Mixed Finance Rehabilitation Plan \$250 Million

