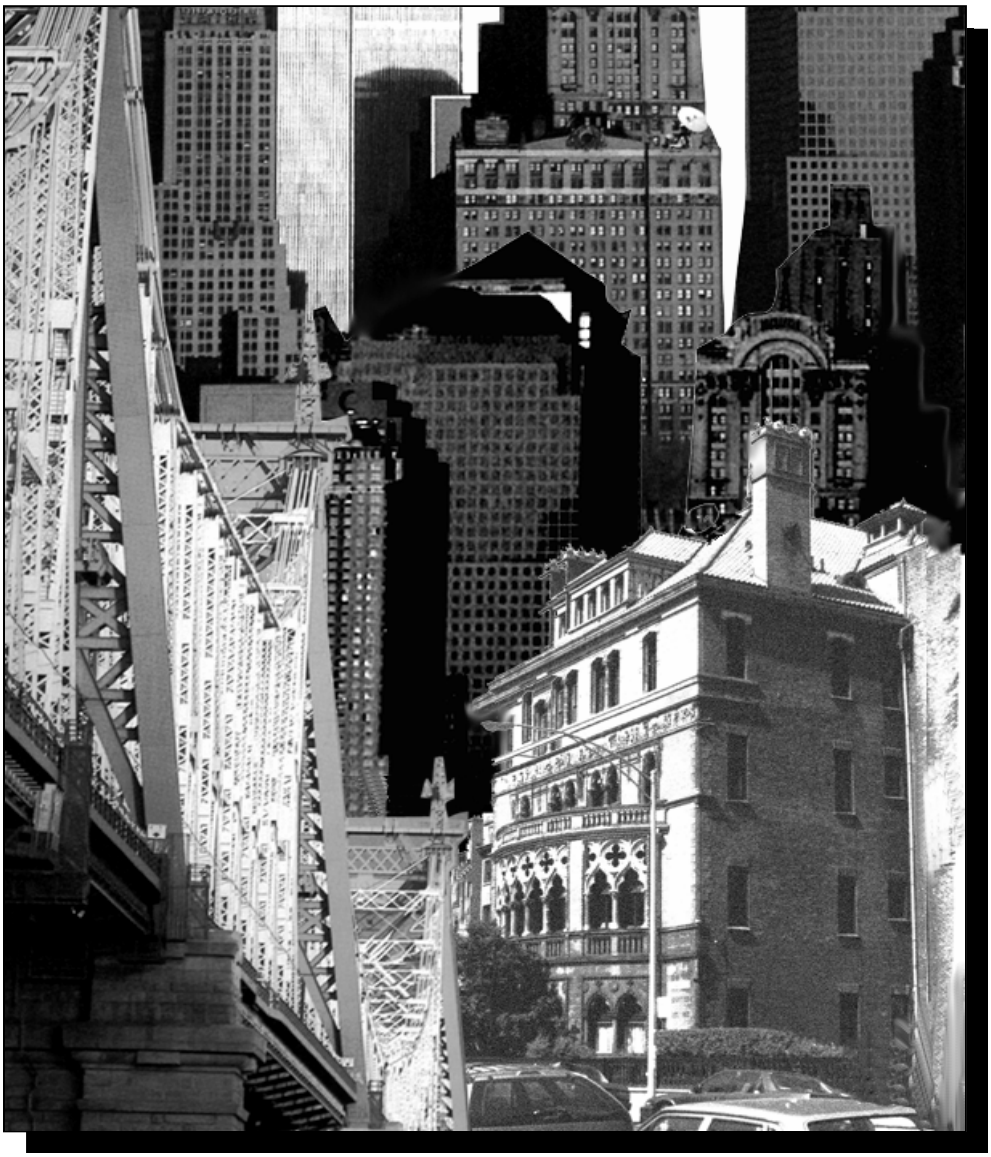
Asset Information Management System (AIMS) Report

Executive Summary



The City of New York
Michael R. Bloomberg, Mayor

Fiscal Year 2008

THE CITY OF NEW YORK
OFFICE OF THE MAYOR
NEW YORK, N.Y. 10007

MEMORANDUM

TO: Hon. Christine Quinn, Speaker, City Council
Hon. Amanda M. Burden, Chairman, City Planning Commission
Hon. William C. Thompson, Comptroller

FROM: Michael R. Bloomberg

DATE: January 24, 2008

SUBJECT: Asset Information Management System (AIMS) Report

In accordance with Section 1110-a of the City Charter, I am transmitting herewith an Executive Summary of the maintenance schedules for the "major portions" of the City's physical plant as defined in that Section for the fiscal year 2008. The Charter requires each Agency Head to submit to the Mayor a condition assessment and maintenance schedule necessary to preserve the structural integrity for each of their capital assets with a replacement cost of at least $10 million and a useful life in excess of ten years. The summary that I am transmitting relates to those maintenance schedules. Detailed information relating to each specific asset is available for review at the Office of Management and Budget.

Included in the Summary is a description of the latest methodology used to compile the condition assessment and maintenance schedules. This Summary, together with the details of the maintenance schedules and condition assessments, provides the City with a comprehensive assessment of the condition of its major assets, the projected costs necessary to restore these assets to a state of good repair and schedules detailing the maintenance required to maintain the assets' structural integrity. It does not address priorities or relative importance of any particular asset or its condition to the City either now, or in the future. A separate document will be published in the Spring of 2008 comparing total funding recommended in the fiscal year 2008 report with the agencies' planned expense program for 2009 and capital program for 2009 through 2012.

The City of New York

Asset Information Management System (AIMS)

Condition and Maintenance Schedules For
Major Portions of the City's
Fixed Assets and Infrastructure

Fiscal Year 2008

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Exhibits

Background

The November 1988 amendments to the City Charter (Sec. 1110-a) included a requirement that the City compile an inventory of the major portions of its physical plant. Major portions of the physical plant are defined by the Charter to include all assets or asset systems with a replacement cost of ten million dollars or greater, and a useful life in excess of ten years. The Charter amendments also require each agency to assess the condition of their assets and prepare maintenance schedules for those assets. The condition assessments and the maintenance schedules are required to be published each year.

Assets leased to the Transit Authority, the New York City Water Finance Authority and to certain other public benefit corporations are excluded from the above Charter reporting requirements. Excluded also are all properties owned by the City as a result of in-rem proceedings. For the City University, only assets of the Community Colleges are included. Table A provides a Citywide breakdown of assets by classes.

The City Charter requires that a report be issued on an annual basis. The Office of Management and Budget has overall responsibility for the delivery of this yearly publication. This year building surveys were performed by The Department of Design and Construction. Waterfront and bridge surveys were performed by Gannett Fleming Inc. and their subconsultants. The Department of Transportation continued to survey the City's streets and highways using a 10-point assessment system.

Detailed condition reports and maintenance schedules (i.e. Agency Reports) were provided to agencies for their review and approval. This executive report summarizes all cost data from the agency condition and report schedules. A separate document (i.e. Agency Reconciliation) will be published next Spring to illustrate the comparison of funding recommended in this report with agencies' planned capital and expense activities.

Report Context and Items Excluded from Study

While the study is comprehensive, consistent with previous reports, a number of items and considerations were excluded from the condition review and cost estimates. They were not considered directly related to the "structural integrity" of the asset as required by the Charter. These include but are not limited to:

- Most equipment (electronic, fixed and movable)
- Special operating systems within assets
- Aesthetic considerations or special design elements
- Landscaping and outdoor elements
- Statuary or ornamental edifices

- Components not readily observable or accessible by field engineers
- Fire alarm and security systems
- Handicapped access requirements
- Information obtained through testing or probing
- Asbestos, lead paint, and other hazardous material identification and removal
- Programmatic needs not related to structural integrity
- Efficiency improvements
- Swing space costs/phasing costs, or premium time costs
- Components deficient in code or local law compliance but which do not impact on the integrity of the asset
- Assets known to be scheduled for near-term total replacement

It should be noted that in surveying piers and bulkheads, underwater surveys were not carried out. Therefore the condition reports for piers and bulkheads do not include those potential repairs that can only be determined by underwater surveys. Special systems include the four East River Bridges, traffic signal systems, street lighting systems and utilities. Due to their critical nature, these systems are not surveyed, but are updated yearly based on the agency's Ten Year Capital Strategy and contract information made available to OMB.

The report continues to reflect changes in the asset inventory every year. At the beginning of this survey year, each agency was requested to provide any additions, deletions or changes to the inventory of assets through new construction, acquisition, sale or demolition.

The asset condition and maintenance schedule report is not a budget document, but rather a broad, unrestrained analysis of a subset of general needs. It serves as a planning tool in addressing overall citywide funding requirements. The report does not attempt in any manner to balance the City's asset and infrastructure requirements against other important City needs, nor does it attempt to make any funding recommendations between the needs of different agencies. It is a general prioritization to indicate to agencies the relative importance of various repairs and maintenance items to the preservation of the assets.

Due to the complexity of the analysis, the large scale of the project, the amount of estimation required, and the necessary methodology constraints, there are inherent limitations to the level of accuracy possible at the detailed asset and component level.

In this context it should be noted that the actual cost for a project may vary substantially from the amount estimated in this report when a detailed scope of work and cost estimate is completed. Agencies will not be restricted to any asset specific number contained in the reports when planning and developing their budget requests. It is further understood that there will be work items (i.e., programmatic) excluded from this study which may require additional expenditures.

Report Organization

Report Schedules

This publication contains two major summaries: CITYWIDE SUMMARY SCHEDULES and AGENCY SUMMARY SCHEDULES.

Capital and Expense Designations

Repairs, replacement and major maintenance costs are all presented at the detailed component level in the Agency Reports. Repairs are defined as reconstruction or renovation. For convenience and citywide reporting purposes, this report presents the cost categories by their appropriate expense budget and capital budget classification. The rules for classifying individual items are as follows:

Cost Item	***Budget Classification***
Repairs greater than $35,000 AND remaining component life of 5 years or greater Replacements greater than $35,000 Major Maintenance programs greater than $35,000 at the component type level	Capital
Repairs less than $35,000 OR remaining component life less than 5 years Replacements less than $35,000 Major Maintenance programs less than $35,000 at the component type level	Expense

Projected Repair Years

- Expense Budget - Items of need are shown over the next four years
- Capital Budget - Items of need are shown over the next ten years, grouped by periods of four and six years

It should be noted that for reporting purposes all asset repairs are presented in the funding need for FY 2009. This in essence reflects the amounts estimated to "catch up" and bring all assets to a "state of good repair". In reality, even if funding was available to do everything, it would be beyond the ability of City agencies to plan, design, and implement the work within a single year. The actual work, which can be funded, will operationally have to be spread out over a number of years.

Priorities for Repair, Replacement and Major Maintenance

In the citywide report, component repair, replacement and major maintenance are assigned a priority A, B, C or D rating. Each component has been assigned a priority related to its relative importance to the structural integrity of the assets. For example, architectural exterior components of buildings (i.e. roofs, parapets, exterior walls and windows) are classified as key components and receive higher priorities than architectural interior components because of their relative importance in maintaining structural integrity of the assets. (See Exhibit A)

Condition Information

The summary maintenance schedules presented in the citywide executive report represent the maintenance requirements developed from the condition surveys of individual assets. Actual condition data on any particular asset is contained in the Agency Reports. A typical example of an Agency Report and a detailed discussion of the project methodology are included in the technical notes of this report. (See Exhibits B, C)

Professional Certification

The Charter requires a statement by a registered Professional Engineer (PE) or Registered Architect (RA) regarding the reasonableness of the repair/replacement and maintenance schedules for each agency's assets. Certifications are provided by the Office of Management and Budget, the Department of Design and Construction, the Department of Transportation and Gannett Fleming Inc., and their subconsultants.

Table A
Citywide Asset Classes by Agency

New York, Brooklyn, Queens Public Libraries	
Libraries	24
Department of Education	
Primary Schools	764
Intermediate/Junior High Schools	199
High Schools	144
Administrative Buildings	15
Non-Shelters	1
City University	
Community College Buildings	87
Piers/Bulkheads	3
Parking Garages	1
Police Department	
Precinct Houses	78
Police Buildings Non-Precinct	23
Piers/Bulkheads	7
Marinas/Docks	4
Fire Department	
Fire Department Buildings	25
Piers/Bulkheads	2
Vessels	4
Administration for Children's Services	
Administrative Buildings	1
Shelters	2
Non-Shelters	2
Day Care Center	5
Department of Homeless Services	
Shelters	60
Department of Correction	
Rikers Island Facilities	35
Correction Facilities	6
Marinas/Docks	1
Human Resources Administration	
Shelters	8
Non-Shelters	9
Department of Cultural Affairs	
Museum/Gallery Facilities	67
Cultural Facilities	217
Department of Juvenile Justice	
Juvenile Justice Buildings	3
Department of Small Business Services	
Museum/Gallery Facilities	3
Terminals/Markets	80
Piers/Bulkheads	178
Parking Garages	1
Court Buildings	1
Shelters	1
Marinas/Docks	1
Department of Health & Mental Hygiene	
Clinics	19
Vehicle Maint./Storage Facilities	2
Public Office Buildings	3
Animal Shelters	3
Health and Hospitals Corporation	
Hospital Buildings	112
Department of Sanitation	
Transfer Stations	6
Vehicle Maint./Storage Facilities	40
Piers/Bulkheads	31
Fresh Kills Facilities	17
Department of Transportation	
Bridge/Waterways	39
Highway Bridges and Tunnels	87
Highway Facilities	43
Streets and Arterials (miles)	6,500
Pier Facilities	4
Parking Garages	6
Traffic Signal Systems	1
Street Lighting Systems	1
Ferry Terminal Facilities	12
Piers/Bulkheads	16
Ferries/Barges	10
Marinas/Docks	9
Department of Parks and Recreation	
Large Park Facilities	277
Major Park Facilities	135
Regional Park Facilities	310
Stadium Facilities	5
Vehicle Maint./Storage Facilities	8
Piers/Bulkheads	123
Marinas/Docks	21
Museum/Gallery Facilities	8
Dept. of Citywide Administrative Services	
Court Buildings	22
Piers/Bulkheads	13
Public Office Buildings	23

Citywide Summary Schedule

CITYWIDE SUMMARY SCHEDULE BY AGENCY

Asset Information Management System (AIMS)
Report on Estimated Cost for Repairs, Replacements, Major Maintenance

	CAPITAL FY 2009 - 2012	EXPENSE FY 2009
• NEW YORK PUBLIC LIBRARY	12,007,000	1,962,000
• BROOKLYN PUBLIC LIBRARY	9,654,000	953,000
• QUEENS PUBLIC LIBRARY	515,000	291,000
• DEPARTMENT OF EDUCATION	770,150,000	106,197,000
• CITY UNIVERSITY	49,211,000	9,893,000
• POLICE DEPARTMENT	32,329,000	8,818,000
• FIRE DEPARTMENT	13,405,000	1,293,000
• ADMIN. FOR CHILDREN'S SERVICES	1,006,000	460,000
• DEPT. OF HOMELESS SERVICES	34,107,000	5,609,000
• DEPARTMENT OF CORRECTION	104,203,000	4,598,000
• HUMAN RESOURCES ADMINISTRATION	4,623,000	1,372,000
• DEPARTMENT OF CULTURAL AFFAIRS	58,355,000	13,645,000
• DEPARTMENT OF JUVENILE JUSTICE	4,607,000	326,000
• DEPT. OF SMALL BUSINESS SERV.	203,997,000	8,040,000
• DEPT. OF HEALTH & MENTAL HYGIENE	11,588,000	2,072,000
• HEALTH AND HOSPITALS CORP.	164,243,000	15,092,000
• DEPARTMENT OF SANITATION	69,637,000	5,654,000
• DEPARTMENT OF TRANSPORTATION		
Bridges	818,730,000	21,220,000
Facilities & Ferries	112,173,000	10,297,000
Street & Traffic Lighting	41,520,000	57,442,000
Streets & Highways	1,986,100,000	
• DEPT. OF PARKS & RECREATION	410,356,000	22,537,000
• DEPT. OF CITYWIDE ADMIN. SERV.	89,246,000	11,886,000
Total	**$5,001,759,000***	**$309,654,000**

** Investment necessary to bring assets to a State of Good Repair*

Notes : All costs are in non-escalated current dollars. Special systems include the four East River Bridges, traffic signal systems, street lighting systems and utilities. Due to their critical nature, these systems are not surveyed, but are updated yearly based on the agency's Ten Year Capital Strategy and contract information made available to OMB. Costs for Streets and Arterials beyond the Four Year Plan are not included in summary.

CITYWIDE SUMMARY SCHEDULE

Asset Information Management System (AIMS)
Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	778,965,000	542,963,000
• Interior Architecture	351,176,000	390,535,000
• Electrical	197,850,000	1,091,289,000
• Mechanical	187,282,000	942,002,000
• Piers	77,245,000	16,319,000
• Bulkheads	300,266,000	17,453,000
• Bridge Structural	806,652,000	143,362,000
• Ferries	35,900,000	
• Vessels	4,255,000	
• Parks' Walls	3,475,000	334,000
• Parks' Boardwalks	26,477,000	23,641,000
• Miscellaneous Buildings	37,119,000	2,912,000
• Parks' Water and Sewer Utilities	75,307,000	112,961,000
• Parks' Electrical Utilities	20,371,000	30,556,000
• Primary Streets	396,930,000	
• Secondary Streets	530,680,000	
• Local Streets	1,025,730,000	
• Arterial Streets	29,000,000	
• Step Streets	3,760,000	
• Elevators/Escalators		
• Parks' Streets and Roads	43,264,000	15,651,000
• Rikers Island Utilities	9,640,000	
• Park Bridges	3,127,000	101,000
• Marinas	3,692,000	18,065,000
• Bridge Electrical	3,265,000	10,494,000
• Bridge Mechanical	8,813,000	85,000
• Traffic Signal System	11,600,000	
• Street Lighting System	29,920,000	
Total	**$5,001,759,000** *	**$3,358,723,000**

• Priority A	2,001,608,000	703,406,000
• Priority B	1,628,888,000	2,320,908,000
• Priority C	1,287,120,000	315,846,000
• Priority D	84,143,000	18,563,000
Total	**$5,001,759,000** *	**$3,358,723,000**

** Investment necessary to bring assets to a State of Good Repair*

Note : Costs are in current dollars and are not escalated for potential future inflation.
Dollars beyond the 4 year plan for Streets and City owned Arterials are not included in summary.

CITYWIDE SUMMARY SCHEDULE (cont.)

Asset Information Management System (AIMS)
Report on Estimated Cost for Repairs, Replacements, Major Maintenance

EXPENSE	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	44,744,000	6,755,000	10,146,000	8,354,000
• Interior Architecture	57,325,000	16,394,000	15,541,000	16,149,000
• Electrical	26,318,000	8,905,000	11,519,000	12,119,000
• Mechanical	61,389,000	36,556,000	52,997,000	37,817,000
• Piers	2,269,000	152,000	190,000	293,000
• Bulkheads	4,799,000	95,000	310,000	471,000
• Bridge Structural	20,067,000	9,510,000	19,888,000	9,726,000
• Ferries	7,800,000	10,400,000	16,000,000	13,600,000
• Vessels	425,000	425,000	200,000	200,000
• Parks' Walls	235,000			
• Parks' Boardwalks	58,000	0		
• Miscellaneous Buildings	3,549,000	791,000	944,000	1,955,000
• Parks' Water and Sewer Utilities	1,883,000	1,883,000	1,883,000	1,883,000
• Parks' Electrical Utilities	509,000	509,000	509,000	509,000
• Primary Streets				
• Secondary Streets				
• Local Streets				
• Arterial Streets				
• Step Streets				
• Elevators/Escalators	15,478,000	15,478,000	15,478,000	15,478,000
• Parks' Streets and Roads				
• Rikers Island Utilities	1,100,000	1,100,000	3,400,000	1,100,000
• Park Bridges	1,889,000		2,000	293,000
• Marinas	1,222,000	279,000	440,000	355,000
• Bridge Electrical	760,000	66,000	110,000	66,000
• Bridge Mechanical	393,000	51,000	15,000	51,000
• Traffic Signal System	32,084,000	32,084,000	32,084,000	32,084,000
• Street Lighting System	25,358,000	25,358,000	25,358,000	25,358,000
Total	**$309,654,000**	**$166,793,000**	**$207,012,000**	**$177,863,000**

• Priority A	129,544,000	84,721,000	98,798,000	89,376,000
• Priority B	131,916,000	68,678,000	94,763,000	72,892,000
• Priority C	44,644,000	12,603,000	12,507,000	13,639,000
• Priority D	3,549,000	791,000	944,000	1,955,000
Total	**$309,654,000**	**$166,793,000**	**$207,012,000**	**$177,863,000**

Report Schedules by Agency

NEW YORK PUBLIC LIBRARY - 035

Project Type : NEW YORK PUBLIC LIBRARY

LIBRARIES	:	14
Total Assets in AIMS	:	**14**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	5,586,000	3,295,000
• Interior Architecture	4,085,000	5,515,000
• Electrical	796,000	7,182,000
• Mechanical	1,541,000	15,332,000
Total	**$12,007,000** *	**$31,323,000**
• Priority A	5,586,000	3,295,000
• Priority B	4,400,000	24,567,000
• Priority C	2,022,000	3,461,000
Total	**$12,007,000** *	**$31,323,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	415,000	33,000	44,000	238,000
• Interior Architecture	567,000	105,000	187,000	164,000
• Electrical	182,000	52,000	50,000	85,000
• Mechanical	621,000	248,000	538,000	289,000
• Elevators/Escalators	177,000	177,000	177,000	177,000
Total	**$1,962,000**	**$616,000**	**$996,000**	**$953,000**
• Priority A	415,000	33,000	44,000	238,000
• Priority B	1,159,000	511,000	822,000	576,000
• Priority C	387,000	71,000	130,000	139,000
• Priority D				
Total	**$1,962,000**	**$616,000**	**$996,000**	**$953,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

BROOKLYN PUBLIC LIBRARY - 038

Project Type : BROOKLYN PUBLIC LIBRARY

LIBRARIES	:	7
Total Assets in AIMS	:	**7**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	1,987,000	354,000
• Interior Architecture	719,000	631,000
• Electrical	760,000	1,869,000
• Mechanical	6,188,000	2,437,000
Total	**$9,654,000** *	**$5,291,000**
• Priority A	1,987,000	354,000
• Priority B	7,199,000	4,510,000
• Priority C	468,000	427,000
Total	**$9,654,000** *	**$5,291,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	306,000		3,000	40,000
• Interior Architecture	371,000	39,000	33,000	61,000
• Electrical	59,000	21,000	4,000	63,000
• Mechanical	155,000	161,000	136,000	134,000
• Elevators/Escalators	62,000	62,000	62,000	62,000
Total	**$953,000**	**$283,000**	**$238,000**	**$360,000**
• Priority A	306,000		3,000	40,000
• Priority B	384,000	249,000	226,000	273,000
• Priority C	263,000	34,000	10,000	48,000
• Priority D				
Total	**$953,000**	**$283,000**	**$238,000**	**$360,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

QUEENS PUBLIC LIBRARY - 039

Project Type : QUEENS PUBLIC LIBRARY

LIBRARIES	:	3
Total Assets in AIMS	:	**3**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	311,000	71,000
• Interior Architecture	94,000	1,352,000
• Electrical	110,000	1,747,000
• Mechanical		269,000
Total	**$515,000** *	**$3,439,000**
• Priority A	311,000	71,000
• Priority B	204,000	2,350,000
• Priority C		1,018,000
Total	**$515,000** *	**$3,439,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	56,000	22,000		16,000
• Interior Architecture	101,000	62,000		64,000
• Electrical	18,000	45,000	18,000	31,000
• Mechanical	88,000	108,000	91,000	106,000
• Elevators/Escalators	28,000	28,000	28,000	28,000
Total	**$291,000**	**$266,000**	**$137,000**	**$244,000**
• Priority A	56,000	22,000		16,000
• Priority B	145,000	181,000	137,000	164,000
• Priority C	90,000	62,000		64,000
• Priority D				
Total	**$291,000**	**$266,000**	**$137,000**	**$244,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

DEPARTMENT OF EDUCATION - 040

Project Type : EDUCATION

PRIMARY SCHOOLS	:	764
INTERMEDIATE/JUNIOR HIGH SCHOOLS	:	199
HIGH SCHOOLS	:	144
ADMINISTRATIVE BUILDINGS	:	15
NON-SHELTERS	:	1
Total Assets in AIMS	:	**1,123**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	352,930,000	295,577,000
• Interior Architecture	174,898,000	168,268,000
• Electrical	143,742,000	772,512,000
• Mechanical	98,580,000	482,007,000
Total	**$770,150,000** *	**$1,718,364,000**
• Priority A	352,930,000	295,577,000
• Priority B	301,570,000	1,303,567,000
• Priority C	115,649,000	119,220,000
Total	**$770,150,000** *	**$1,718,364,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	20,754,000	4,756,000	5,616,000	4,761,000
• Interior Architecture	29,426,000	11,360,000	9,433,000	9,779,000
• Electrical	14,747,000	4,450,000	6,607,000	7,006,000
• Mechanical	37,595,000	22,635,000	32,254,000	23,704,000
• Elevators/Escalators	3,675,000	3,675,000	3,675,000	3,675,000
Total	**$106,197,000**	**$46,877,000**	**$57,586,000**	**$48,925,000**
• Priority A	20,754,000	4,756,000	5,616,000	4,761,000
• Priority B	64,522,000	33,891,000	45,070,000	36,788,000
• Priority C	20,921,000	8,229,000	6,900,000	7,376,000
• Priority D				
Total	**$106,197,000**	**$46,877,000**	**$57,586,000**	**$48,925,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

CITY UNIVERSITY - 042

Project Type : CITY UNIVERSITY OF NEW YORK

COMMUNITY COLLEGE BUILDINGS	:	87
PIERS/BULKHEADS	:	3
PARKING GARAGES	:	1
Total Assets in AIMS	:	**91**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	25,973,000	18,500,000
• Interior Architecture	13,260,000	11,304,000
• Electrical	2,585,000	28,312,000
• Mechanical	6,582,000	35,365,000
• Bulkheads	723,000	289,000
• Miscellaneous Buildings	88,000	31,000
Total	**$49,211,000** *	**$93,801,000**
• Priority A	26,447,000	18,789,000
• Priority B	15,854,000	65,594,000
• Priority C	6,822,000	9,387,000
• Priority D	88,000	31,000
Total	**$49,211,000** *	**$93,801,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	2,524,000	137,000	268,000	263,000
• Interior Architecture	3,331,000	700,000	529,000	392,000
• Electrical	979,000	320,000	321,000	597,000
• Mechanical	2,350,000	1,275,000	1,763,000	1,176,000
• Bulkheads	88,000	8,000		
• Miscellaneous Buildings	33,000	6,000	7,000	9,000
• Elevators/Escalators	588,000	588,000	588,000	588,000
Total	**$9,893,000**	**$3,035,000**	**$3,477,000**	**$3,026,000**
• Priority A	2,540,000	137,000	268,000	263,000
• Priority B	5,041,000	2,345,000	2,735,000	2,480,000
• Priority C	2,279,000	547,000	467,000	274,000
• Priority D	33,000	6,000	7,000	9,000
Total	**$9,893,000**	**$3,035,000**	**$3,477,000**	**$3,026,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

POLICE DEPARTMENT - 056

Project Type : POLICE

PRECINCT HOUSES	:	78
POLICE BUILDINGS NON-PRECINCT	:	23
PIERS/BULKHEADS	:	7
MARINAS	:	4
Total Assets in AIMS	:	**112**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	16,139,000	10,546,000
• Interior Architecture	5,975,000	4,075,000
• Electrical	3,234,000	14,373,000
• Mechanical	4,648,000	36,483,000
• Piers	1,582,000	306,000
• Bulkheads	442,000	64,000
• Marinas	310,000	628,000
Total	**$32,329,000** *	**$66,477,000**
• Priority A	17,278,000	11,357,000
• Priority B	11,504,000	51,297,000
• Priority C	3,547,000	3,823,000
Total	**$32,329,000** *	**$66,477,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	2,345,000	301,000	496,000	404,000
• Interior Architecture	2,915,000	347,000	227,000	435,000
• Electrical	881,000	440,000	460,000	666,000
• Mechanical	1,999,000	927,000	1,534,000	986,000
• Piers	168,000			
• Bulkheads	14,000	1,000		4,000
• Elevators/Escalators	318,000	318,000	318,000	318,000
• Marinas	177,000	10,000	27,000	96,000
Total	**$8,818,000**	**$2,342,000**	**$3,061,000**	**$2,909,000**
• Priority A	2,619,000	302,000	519,000	494,000
• Priority B	4,204,000	1,896,000	2,454,000	2,173,000
• Priority C	1,995,000	144,000	88,000	242,000
• Priority D				
Total	**$8,818,000**	**$2,342,000**	**$3,061,000**	**$2,909,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

FIRE DEPARTMENT - 057

Project Type : FIRE DEPARTMENT

FIRE DEPARTMENT BUILDINGS	:	25
PIERS/BULKHEADS	:	2
FIREBOATS	:	4
Total Assets in AIMS	:	**31**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	5,929,000	2,085,000
• Interior Architecture	2,057,000	1,714,000
• Electrical	165,000	2,115,000
• Mechanical	388,000	1,586,000
• Piers	270,000	58,000
• Vessels	4,255,000	
• Miscellaneous Buildings	341,000	64,000
Total	**$13,405,000** *	**$7,622,000**
• Priority A	10,414,000	2,143,000
• Priority B	699,000	3,820,000
• Priority C	1,950,000	1,596,000
• Priority D	341,000	64,000
Total	**$13,405,000** *	**$7,622,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	206,000	58,000	41,000	162,000
• Interior Architecture	294,000	65,000	54,000	70,000
• Electrical	117,000	25,000	26,000	38,000
• Mechanical	213,000	154,000	152,000	89,000
• Piers	18,000	0	15,000	2,000
• Bulkheads	2,000	0	0	0
• Vessels	425,000	425,000	200,000	200,000
• Miscellaneous Buildings	6,000	7,000	9,000	13,000
• Elevators/Escalators	12,000	12,000	12,000	12,000
Total	**$1,293,000**	**$746,000**	**$509,000**	**$586,000**
• Priority A	631,000	483,000	241,000	362,000
• Priority B	443,000	216,000	202,000	164,000
• Priority C	213,000	40,000	58,000	47,000
• Priority D	6,000	7,000	9,000	13,000
Total	**$1,293,000**	**$746,000**	**$509,000**	**$586,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

ADMIN. FOR CHILDREN'S SERVICES - 068

Project Type : CHILDREN SERVICES

ADMINISTRATIVE BUILDINGS	:	1
SHELTERS	:	2
NON-SHELTERS	:	2
DAY CARE CENTERS	:	5
Total Assets in AIMS	:	**10**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	113,000	183,000
• Interior Architecture	748,000	406,000
• Electrical	144,000	375,000
• Mechanical		912,000
Total	**$1,006,000** *	**$1,877,000**
• Priority A	113,000	183,000
• Priority B	292,000	1,380,000
• Priority C	600,000	314,000
Total	**$1,006,000** *	**$1,877,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	163,000		42,000	38,000
• Interior Architecture	113,000	3,000	29,000	47,000
• Electrical	16,000	10,000	56,000	31,000
• Mechanical	112,000	40,000	99,000	39,000
• Elevators/Escalators	55,000	55,000	55,000	55,000
Total	**$460,000**	**$108,000**	**$282,000**	**$211,000**
• Priority A	163,000		42,000	38,000
• Priority B	235,000	105,000	234,000	126,000
• Priority C	61,000	3,000	6,000	47,000
• Priority D				
Total	**$460,000**	**$108,000**	**$282,000**	**$211,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

DEPT. OF HOMELESS SERVICES - 071

Project Type : HOMELESS SERVICES

SHELTERS	:	60
Total Assets in AIMS	:	**60**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	18,162,000	10,041,000
• Interior Architecture	11,133,000	6,659,000
• Electrical	1,076,000	7,916,000
• Mechanical	3,736,000	14,486,000
Total	**$34,107,000** *	**$39,102,000**
• Priority A	18,162,000	10,041,000
• Priority B	9,737,000	25,289,000
• Priority C	6,208,000	3,771,000
Total	**$34,107,000** *	**$39,102,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	1,900,000	123,000	231,000	217,000
• Interior Architecture	1,707,000	207,000	332,000	294,000
• Electrical	416,000	229,000	182,000	265,000
• Mechanical	1,258,000	542,000	827,000	644,000
• Elevators/Escalators	329,000	329,000	329,000	329,000
Total	**$5,609,000**	**$1,429,000**	**$1,899,000**	**$1,748,000**
• Priority A	1,900,000	123,000	231,000	217,000
• Priority B	2,339,000	1,191,000	1,449,000	1,267,000
• Priority C	1,371,000	115,000	219,000	264,000
• Priority D				
Total	**$5,609,000**	**$1,429,000**	**$1,899,000**	**$1,748,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

DEPARTMENT OF CORRECTION - 072

Project Type : CORRECTION

RIKERS ISLAND FACILITIES	:	29
CORRECTION FACILITIES	:	6
RIKERS ISLAND UTILITIES	:	6
MARINAS	:	1
Total Assets in AIMS	:	**42**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	58,205,000	30,001,000
• Interior Architecture	18,871,000	14,010,000
• Electrical	4,109,000	46,062,000
• Mechanical	6,170,000	40,221,000
• Piers	1,399,000	
• Bulkheads	5,725,000	1,819,000
• Rikers Island Utilities	9,640,000	
• Marinas	83,000	83,000
Total	**$104,203,000** *	**$132,197,000**
• Priority A	59,920,000	30,368,000
• Priority B	27,984,000	91,643,000
• Priority C	16,299,000	10,186,000
Total	**$104,203,000** *	**$132,197,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	335,000	14,000	106,000	25,000
• Interior Architecture	884,000	148,000	274,000	306,000
• Electrical	555,000	304,000	358,000	315,000
• Mechanical	1,043,000	559,000	746,000	588,000
• Piers	61,000			
• Bulkheads	92,000		0	
• Elevators/Escalators	526,000	526,000	526,000	526,000
• Rikers Island Utilities	1,100,000	1,100,000	3,400,000	1,100,000
• Marinas	2,000	2,000	1,000	1,000
Total	**$4,598,000**	**$2,652,000**	**$5,411,000**	**$2,861,000**
• Priority A	768,000	366,000	456,000	375,000
• Priority B	3,260,000	2,140,000	4,752,000	2,210,000
• Priority C	570,000	146,000	203,000	276,000
• Priority D				
Total	**$4,598,000**	**$2,652,000**	**$5,411,000**	**$2,861,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

HUMAN RESOURCES ADMINISTRATION - 096

Project Type : HUMAN RESOURCES

SHELTERS	:	8
NON-SHELTERS	:	9
Total Assets in AIMS	:	**17**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	2,392,000	1,914,000
• Interior Architecture	1,622,000	1,237,000
• Electrical	254,000	1,919,000
• Mechanical	355,000	1,609,000
Total	**$4,623,000** *	**$6,678,000**
• Priority A	2,392,000	1,914,000
• Priority B	988,000	4,045,000
• Priority C	1,243,000	719,000
Total	**$4,623,000** *	**$6,678,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	482,000		80,000	41,000
• Interior Architecture	451,000	130,000	138,000	54,000
• Electrical	84,000	2,000	19,000	39,000
• Mechanical	305,000	118,000	190,000	127,000
• Elevators/Escalators	49,000	49,000	49,000	49,000
Total	**$1,372,000**	**$299,000**	**$476,000**	**$310,000**
• Priority A	482,000		80,000	41,000
• Priority B	571,000	175,000	317,000	217,000
• Priority C	318,000	124,000	78,000	52,000
• Priority D				
Total	**$1,372,000**	**$299,000**	**$476,000**	**$310,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

DEPARTMENT OF CULTURAL AFFAIRS - 126

Project Type : MUSEUMS AND INSTITUTIONS

MUSEUM/GALLERY FACILITIES	:	67
CULTURAL FACILITIES	:	217
Total Assets in AIMS	:	**284**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	31,608,000	30,332,000
• Interior Architecture	14,763,000	23,095,000
• Electrical	1,818,000	20,192,000
• Mechanical	9,312,000	37,508,000
• Miscellaneous Buildings	854,000	374,000
Total	**$58,355,000** *	**$111,501,000**
• Priority A	31,608,000	30,332,000
• Priority B	16,564,000	60,912,000
• Priority C	9,329,000	19,882,000
• Priority D	854,000	374,000
Total	**$58,355,000** *	**$111,501,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	3,123,000	226,000	1,088,000	582,000
• Interior Architecture	4,490,000	521,000	903,000	830,000
• Electrical	1,216,000	533,000	517,000	382,000
• Mechanical	3,166,000	1,367,000	1,975,000	1,398,000
• Miscellaneous Buildings	715,000	100,000	150,000	108,000
• Elevators/Escalators	934,000	934,000	934,000	934,000
Total	**$13,645,000**	**$3,680,000**	**$5,566,000**	**$4,233,000**
• Priority A	3,123,000	226,000	1,088,000	582,000
• Priority B	6,603,000	2,991,000	3,670,000	2,751,000
• Priority C	3,203,000	363,000	658,000	792,000
• Priority D	715,000	100,000	150,000	108,000
Total	**$13,645,000**	**$3,680,000**	**$5,566,000**	**$4,233,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

DEPARTMENT OF JUVENILE JUSTICE - 130

Project Type : JUVENILE JUSTICE

JUVENILE JUSTICE BUILDINGS	:	3
Total Assets in AIMS	:	**3**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	3,099,000	1,310,000
• Interior Architecture	394,000	964,000
• Electrical	521,000	1,111,000
• Mechanical	593,000	1,585,000
Total	**$4,607,000** *	**$4,971,000**
• Priority A	3,099,000	1,310,000
• Priority B	1,229,000	2,971,000
• Priority C	279,000	689,000
Total	**$4,607,000** *	**$4,971,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	56,000			77,000
• Interior Architecture	118,000		102,000	60,000
• Electrical	48,000	24,000	47,000	28,000
• Mechanical	74,000	51,000	95,000	62,000
• Elevators/Escalators	30,000	30,000	30,000	30,000
Total	**$326,000**	**$104,000**	**$274,000**	**$256,000**
• Priority A	56,000			77,000
• Priority B	171,000	104,000	202,000	119,000
• Priority C	99,000		72,000	60,000
• Priority D				
Total	**$326,000**	**$104,000**	**$274,000**	**$256,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

DEPT. OF SMALL BUSINESS SERV. - 801

Project Type : ECONOMIC DEVELOPMENT		
SHELTERS	:	1
MUSEUM/GALLERY FACILITIES	:	3
TERMINALS/MARKETS	:	80
PIERS/BULKHEADS	:	178
PARKING GARAGES	:	1
COURT BUILDINGS	:	1
MARINAS	:	1
Project Type : FERRIES AND AVIATION		
FERRY TERMINAL FACILITIES	:	1
Total Assets in AIMS	:	**266**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	48,008,000	27,242,000
• Interior Architecture	15,318,000	16,803,000
• Electrical	7,887,000	19,413,000
• Mechanical	4,530,000	25,544,000
• Piers	50,916,000	10,086,000
• Bulkheads	77,101,000	4,536,000
• Miscellaneous Buildings	168,000	9,000
• Marinas	69,000	703,000
Total	**$203,997,000** *	**$104,337,000**
• Priority A	153,817,000	41,500,000
• Priority B	39,268,000	48,258,000
• Priority C	10,743,000	14,569,000
• Priority D	168,000	9,000
Total	**$203,997,000** *	**$104,337,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	1,523,000	130,000	221,000	401,000
• Interior Architecture	891,000	345,000	117,000	388,000
• Electrical	1,179,000	127,000	151,000	221,000
• Mechanical	964,000	524,000	864,000	582,000
• Piers	774,000	39,000	126,000	130,000
• Bulkheads	2,198,000	33,000	154,000	258,000
• Miscellaneous Buildings	14,000	4,000	6,000	7,000
• Elevators/Escalators	413,000	413,000	413,000	413,000
• Marinas	85,000	6,000	17,000	13,000
Total	**$8,040,000**	**$1,620,000**	**$2,069,000**	**$2,413,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

DEPT. OF SMALL BUSINESS SERV. - 801

•	Priority A	2,520,000	132,000	246,000	414,000
•	Priority B	4,146,000	1,225,000	1,698,000	1,712,000
•	Priority C	1,361,000	258,000	119,000	280,000
•	Priority D	14,000	4,000	6,000	7,000
	Total	**$8,040,000**	**$1,620,000**	**$2,069,000**	**$2,413,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

DEPT. OF HEALTH & MENTAL HYGIENE - 816

Project Type : HEALTH

CLINICS	:	19
VEHICLE MAINT./STORAGE FACILITIES	:	2
PUBLIC OFFICE BUILDINGS	:	3
ANIMAL SHELTERS	:	3
Total Assets in AIMS	:	**27**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	7,198,000	2,545,000
• Interior Architecture	881,000	1,206,000
• Electrical	1,080,000	2,377,000
• Mechanical	1,283,000	6,921,000
• Miscellaneous Buildings	1,146,000	267,000
Total	**$11,588,000** *	**$13,317,000**
• Priority A	7,198,000	2,545,000
• Priority B	2,844,000	9,491,000
• Priority C	400,000	1,014,000
• Priority D	1,146,000	267,000
Total	**$11,588,000** *	**$13,317,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	599,000	42,000	54,000	92,000
• Interior Architecture	472,000	82,000	69,000	118,000
• Electrical	338,000	62,000	152,000	103,000
• Mechanical	345,000	168,000	349,000	156,000
• Miscellaneous Buildings	84,000	41,000	60,000	56,000
• Elevators/Escalators	234,000	234,000	234,000	234,000
Total	**$2,072,000**	**$629,000**	**$918,000**	**$759,000**
• Priority A	599,000	42,000	54,000	92,000
• Priority B	1,128,000	490,000	760,000	537,000
• Priority C	261,000	56,000	44,000	73,000
• Priority D	84,000	41,000	60,000	56,000
Total	**$2,072,000**	**$629,000**	**$918,000**	**$759,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

HEALTH AND HOSPITALS CORP. - 819

Project Type : HEALTH & HOSPITALS CORP.

HOSPITAL BUILDINGS	:	112
Total Assets in AIMS	:	**112**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	100,606,000	34,062,000
• Interior Architecture	24,755,000	39,286,000
• Electrical	17,078,000	84,018,000
• Mechanical	21,518,000	128,127,000
• Miscellaneous Buildings	285,000	91,000
Total	**$164,243,000** *	**$285,586,000**
• Priority A	100,606,000	34,062,000
• Priority B	50,405,000	223,426,000
• Priority C	12,946,000	28,006,000
• Priority D	285,000	91,000
Total	**$164,243,000** *	**$285,586,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	2,734,000	325,000	447,000	115,000
• Interior Architecture	2,879,000	825,000	1,123,000	968,000
• Electrical	2,135,000	1,269,000	1,102,000	948,000
• Mechanical	4,128,000	3,144,000	4,888,000	3,091,000
• Miscellaneous Buildings	58,000	17,000	22,000	15,000
• Elevators/Escalators	3,158,000	3,158,000	3,158,000	3,158,000
Total	**$15,092,000**	**$8,738,000**	**$10,740,000**	**$8,295,000**
• Priority A	2,734,000	325,000	447,000	115,000
• Priority B	10,122,000	7,696,000	9,428,000	7,266,000
• Priority C	2,179,000	700,000	842,000	899,000
• Priority D	58,000	17,000	22,000	15,000
Total	**$15,092,000**	**$8,738,000**	**$10,740,000**	**$8,295,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

DEPARTMENT OF SANITATION - 827

Project Type : SANITATION

PIERS/BULKHEADS	:	31
TRANSFER STATIONS	:	6
VEHICLE MAINT./STORAGE FACILITIES	:	40
FRESH KILLS FACILITIES	:	17
Total Assets in AIMS	:	**94**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	30,879,000	12,430,000
• Interior Architecture	12,034,000	9,501,000
• Electrical	824,000	5,754,000
• Mechanical	5,195,000	16,952,000
• Piers	7,293,000	1,223,000
• Bulkheads	13,326,000	582,000
• Miscellaneous Buildings	87,000	8,000
Total	**$69,637,000** *	**$46,451,000**
• Priority A	43,467,000	14,235,000
• Priority B	19,320,000	23,369,000
• Priority C	6,763,000	8,838,000
• Priority D	87,000	8,000
Total	**$69,637,000** *	**$46,451,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	1,215,000	121,000	376,000	122,000
• Interior Architecture	1,678,000	116,000	154,000	143,000
• Electrical	643,000	90,000	264,000	102,000
• Mechanical	1,092,000	425,000	896,000	478,000
• Piers	475,000	113,000		87,000
• Bulkheads	368,000	1,000	1,000	47,000
• Miscellaneous Buildings	80,000	8,000	9,000	9,000
• Elevators/Escalators	103,000	103,000	103,000	103,000
Total	**$5,654,000**	**$977,000**	**$1,802,000**	**$1,090,000**
• Priority A	1,479,000	121,000	376,000	122,000
• Priority B	2,918,000	687,000	1,317,000	846,000
• Priority C	1,177,000	161,000	100,000	113,000
• Priority D	80,000	8,000	9,000	9,000
Total	**$5,654,000**	**$977,000**	**$1,802,000**	**$1,090,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

Project Type : BRIDGES, WATERWAY		
BRIDGES, WATERWAYS	:	39
HIGHWAY BRIDGES AND TUNNELS	:	2
Project Type : FERRIES AND AVIATION		
FERRIES/BARGES	:	10
PIERS/BULKHEADS	:	8
FERRY TERMINAL FACILITIES	:	12
MARINAS	:	9
Project Type : ELECTRIC CONTROL		
STREET LIGHTING SYSTEMS	:	1
Project Type : HIGHWAY BRIDGES		
HIGHWAY BRIDGES AND TUNNELS	:	85
Project Type : HIGHWAYS		
PIERS/BULKHEADS	:	8
HIGHWAY FACILITIES	:	43
PIER FACILITIES	:	4
PARKING GARAGES	:	2
STREET AND CITY OWNED ARTERIALS	:	5
Project Type : TRAFFIC		
PARKING GARAGES	:	4
TRAFFIC SIGNAL SYSTEMS	:	1
Total Assets in AIMS	:	**233**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	7,438,000	8,663,000
• Interior Architecture	3,367,000	4,680,000
• Electrical	1,169,000	2,375,000
• Mechanical	389,000	3,055,000
• Piers	4,107,000	628,000
• Bulkheads	51,161,000	754,000
• Bridge Structural	806,652,000	143,362,000
• Ferries	35,900,000	
• Miscellaneous Buildings	6,873,000	82,000
• Primary Streets	396,930,000	
• Secondary Streets	530,680,000	
• Local Streets	1,025,730,000	
• Arterial Streets	29,000,000	
• Step Streets	3,760,000	
• Marinas	1,769,000	6,122,000
• Bridge Electrical	3,265,000	10,494,000
• Bridge Mechanical	8,813,000	85,000
• Traffic Signal System	11,600,000	
• Street Lighting System	29,920,000	
Total	**$2,958,523,000** *	**$180,299,000**

** Investment necessary to bring assets to a State of Good Repair*

Notes : All costs are in non-escalated current dollars. Special systems include the four East River Bridges, traffic signal systems, street lighting systems and utilities. Due to their critical nature, these systems are not surveyed, but are updated yearly based on the agency's Ten Year Capital Strategy and contract information made available to OMB. Costs for Streets and Arterials beyond the Four Year Plan are not included in summary.

• Priority A	914,937,000	79,515,000
• Priority B	983,867,000	65,081,000
• Priority C	1,049,085,000	35,621,000
• Priority D	10,633,000	82,000
Total	**$2,958,523,000** *	**$180,299,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	644,000	36,000	69,000	117,000
• Interior Architecture	314,000	85,000	17,000	64,000
• Electrical	185,000	70,000	36,000	68,000
• Mechanical	373,000	183,000	300,000	201,000
• Piers	290,000		2,000	21,000
• Bulkheads	459,000		30,000	21,000
• Bridge Structural	20,067,000	9,510,000	19,888,000	9,726,000
• Ferries	7,800,000	10,400,000	16,000,000	13,600,000
• Miscellaneous Buildings	61,000	45,000	39,000	40,000
• Primary Streets				
• Secondary Streets				
• Local Streets				
• Arterial Streets				
• Step Streets				
• Elevators/Escalators	107,000	107,000	107,000	107,000
• Marinas	63,000	0	1,000	
• Bridge Electrical	760,000	66,000	110,000	66,000
• Bridge Mechanical	393,000	51,000	15,000	51,000
• Traffic Signal System	32,084,000	32,084,000	32,084,000	32,084,000
• Street Lighting System	25,358,000	25,358,000	25,358,000	25,358,000
Total	**$88,959,000**	**$77,997,000**	**$94,055,000**	**$81,525,000**
• Priority A	80,819,000	76,975,000	87,826,000	80,191,000
• Priority B	5,620,000	506,000	5,282,000	580,000
• Priority C	2,458,000	471,000	908,000	714,000
• Priority D	61,000	45,000	39,000	40,000
Total	**$88,959,000**	**$77,997,000**	**$94,055,000**	**$81,525,000**

** Investment necessary to bring assets to a State of Good Repair*

Notes : All costs are in non-escalated current dollars. Special systems include the four East River Bridges, traffic signal systems, street lighting systems and utilities. Due to their critical nature, these systems are not surveyed, but are updated yearly based on the agency's Ten Year Capital Strategy and contract information made available to OMB. Costs for Streets and Arterials beyond the Four Year Plan are not included in summary.

DEPT. OF PARKS & RECREATION - 846

Project Type : PARKS

MUSEUM/GALLERY FACILITIES	:	8
PIERS/BULKHEADS	:	123
VEHICLE MAINT./STORAGE FACILITIES	:	8
LARGE PARK FACILITIES	:	277
MAJOR PARK FACILITIES	:	135
REGIONAL PARK FACILITIES	:	310
STADIUM FACILITIES	:	5
MARINAS	:	21
Total Assets in AIMS	:	**887**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	32,194,000	28,948,000
• Interior Architecture	15,020,000	14,429,000
• Electrical	1,322,000	10,059,000
• Mechanical	2,535,000	28,977,000
• Piers	7,406,000	3,820,000
• Bulkheads	151,121,000	9,317,000
• Parks' Walls	3,475,000	334,000
• Parks' Boardwalks	26,477,000	23,641,000
• Miscellaneous Buildings	27,276,000	1,986,000
• Parks' Water and Sewer Utilities	75,307,000	112,961,000
• Parks' Electrical Utilities	20,371,000	30,556,000
• Parks' Streets and Roads	43,264,000	15,651,000
• Park Bridges	3,127,000	101,000
• Marinas	1,462,000	10,528,000
Total	**$410,356,000** *	**$291,308,000**
• Priority A	217,647,000	100,755,000
• Priority B	100,856,000	158,912,000
• Priority C	21,312,000	14,005,000
• Priority D	70,540,000	17,637,000
Total	**$410,356,000** *	**$291,308,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

DEPT. OF PARKS & RECREATION - 846

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	4,550,000	151,000	397,000	559,000
• Interior Architecture	3,900,000	371,000	418,000	252,000
• Electrical	1,730,000	262,000	523,000	592,000
• Mechanical	2,117,000	866,000	1,200,000	1,064,000
• Piers	433,000		46,000	42,000
• Bulkheads	1,488,000	51,000	116,000	131,000
• Parks' Walls	235,000			
• Parks' Boardwalks	58,000	0		
• Miscellaneous Buildings	2,499,000	564,000	641,000	1,698,000
• Parks' Water and Sewer Utilities	1,883,000	1,883,000	1,883,000	1,883,000
• Parks' Electrical Utilities	509,000	509,000	509,000	509,000
• Elevators/Escalators	352,000	352,000	352,000	352,000
• Parks' Streets and Roads				
• Park Bridges	1,889,000		2,000	293,000
• Marinas	894,000	262,000	393,000	245,000
Total	**$22,537,000**	**$5,272,000**	**$6,480,000**	**$7,619,000**
• Priority A	6,714,000	398,000	686,000	854,000
• Priority B	9,962,000	4,028,000	4,837,000	4,838,000
• Priority C	3,362,000	281,000	317,000	229,000
• Priority D	2,499,000	564,000	641,000	1,698,000
Total	**$22,537,000**	**$5,272,000**	**$6,480,000**	**$7,619,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

Project Type : COURTS		
COURT BUILDINGS	:	22
Project Type : PUBLIC BUILDINGS		
PUBLIC OFFICE BUILDINGS	:	23
Project Type : REAL ESTATE		
PIERS/BULKHEADS	:	13
Total Assets in AIMS	:	**58**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
• Exterior Architecture	30,207,000	24,860,000
• Interior Architecture	31,182,000	65,400,000
• Electrical	9,178,000	61,607,000
• Mechanical	13,740,000	62,626,000
• Piers	4,272,000	198,000
• Bulkheads	667,000	93,000
Total	**$89,246,000** *	**$214,783,000**
• Priority A	33,688,000	25,058,000
• Priority B	34,102,000	150,427,000
• Priority C	21,455,000	39,298,000
Total	**$89,246,000** *	**$214,783,000**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
• Exterior Architecture	814,000	278,000	568,000	86,000
• Interior Architecture	2,421,000	883,000	1,403,000	1,660,000
• Electrical	789,000	569,000	626,000	539,000
• Mechanical	3,391,000	3,061,000	4,100,000	2,904,000
• Piers	50,000			10,000
• Bulkheads	90,000	1,000	9,000	10,000
• Elevators/Escalators	4,331,000	4,331,000	4,331,000	4,331,000
Total	**$11,886,000**	**$9,123,000**	**$11,036,000**	**$9,539,000**
• Priority A	867,000	278,000	576,000	86,000
• Priority B	8,943,000	8,050,000	9,172,000	7,805,000
• Priority C	2,076,000	796,000	1,289,000	1,649,000
• Priority D				
Total	**$11,886,000**	**$9,123,000**	**$11,036,000**	**$9,539,000**

** Investment necessary to bring assets to a State of Good Repair*

All costs are in non-escalated current dollars.

Exhibits A - C

A. Component Priority Codes for Repair, Replacement and Major Maintenance

B. Technical Notes and Project Methodology

C. Legend for Individual Survey Report and Sample Asset Report

Exhibit A
Component Priorities Codes for Repair, Replacement and Major Maintenance

Exhibit A
Component Priorities Codes for Repair, Replacement and Major Maintenance

D.S.C.	Discipline (D)	System (S)	Component (C)	Priority
1.1.1	Architecture	Exterior	Exterior Walls	A
1.1.2	Architecture	Exterior	Windows	A
1.1.3	Architecture	Exterior	Parapets	A
1.1.4	Architecture	Exterior	Roof	A
1.2.5	Architecture	Interior	Floors	C
1.2.6	Architecture	Interior	Interior Walls	C
1.2.7	Architecture	Interior	Ceiling	B
2.1.1	Electrical	Over 600 volts	Service Equipment	B
2.1.2	Electrical	Over 600 volts	Transformers	B
2.1.3	Electrical	Over 600 volts	Switchgear	B
2.1.4	Electrical	Over 600 volts	Feeders	B
2.1.5	Electrical	Over 600 volts	Raceway	B
2.2.1	Electrical	Under 600 Volts	Service Equipment	B
2.2.2	Electrical	Under 600 Volts	Transformers	B
2.2.3	Electrical	Under 600 Volts	Switchgear	B
2.2.5	Electrical	Under 600 Volts	Raceway	B
2.2.6	Electrical	Under 600 Volts	Panelboards	B
2.2.7	Electrical	Under 600 Volts	Wiring	B
2.2.8	Electrical	Under 600 Volts	Motor Controllers	B
2.3.11	Electrical	Ground	Grounding Devices	B
2.4.9	Electrical	Stand-by Power	Transfer Switches	B
2.4.12	Electrical	Stand-by Power	Generators	B
2.4.13	Electrical	Stand-by Power	Batteries	B
2.4.17	Electrical	Stand-by Power	Fuel Storage	B
2.5.10	Electrical	Lighting	General Lighting	B
2.5.16	Electrical	Lighting	Egress Lighting	B
2.6.15	Electrical	Lightning Protection	Arresters	B
3.1.1	Mechanical	Heating	Energy Source	B
3.1.2	Mechanical	Heating	Conversion Equipment	B
3.1.3	Mechanical	Heating	Distribution	B
3.1.4	Mechanical	Heating	Terminal Devices	B
3.2.1	Mechanical	Air Conditioning	Energy Source	B
3.2.2	Mechanical	Air Conditioning	Conversion Equipment	B
3.2.3	Mechanical	Air Conditioning	Distribution	B
3.2.4	Mechanical	Air Conditioning	Terminal Devices	B
3.2.5	Mechanical	Air Conditioning	Heat Rejection	B
3.3.3	Mechanical	Ventilation	Distribution	B
3.3.6	Mechanical	Ventilation	Exhaust Fans	B
3.4.7	Mechanical	Plumbing	H/C Water Piping	B
3.4.8	Mechanical	Plumbing	Hot Water Heater	B
3.4.9	Mechanical	Plumbing	HW Heat Exchanger	B

D.S.C.	Discipline (D)	System (S)	Component (C)	Priority
3.4.10	Mechanical	Plumbing	Sanitary Piping	B
3.4.11	Mechanical	Plumbing	Storm Drain Piping	B
3.4.12	Mechanical	Plumbing	Sump Pump(s)	B
3.4.13	Mechanical	Plumbing	Pool Filter/Treatment	B
3.4.15	Mechanical	Plumbing	Sewage Ejector(s)	B
3.4.18	Mechanical	Plumbing	Backflow Preventer	B
3.4.19	Mechanical	Plumbing	Fixtures	B
3.5.16	Mechanical	Vertical Transport	Elevators	C
3.5.17	Mechanical	Vertical Transport	Escalators	C
4.1.2	Piers	Structural	Deck	A
4.1.3	Piers	Structural	Deck Surface	C
4.1.5	Piers	Structural	Firewalls	C
4.1.6	Piers	Structural	Pile Caps	A
4.1.7	Piers	Structural	Piles and Bracing	A
4.2.1	Piers	Fender	Buffer	B
4.2.4	Piers	Fender	Facing	B
4.2.8	Piers	Fender	Wales and Chocks	B
4.2.9	Piers	Fender	Piles	B
4.3.10	Piers	Deck Elements	Railing	B
5.1.1	Bulkheads	Structural	Relieving Platform Top	A
5.1.3	Bulkheads	Structural	Coping	C
5.1.6	Bulkheads	Structural	Gravity Wall	A
5.1.7	Bulkheads	Structural	Pile Supported Wall	A
5.1.9	Bulkheads	Structural	Piles and Bracing	A
5.1.10	Bulkheads	Structural	Rip Rap	C
5.1.11	Bulkheads	Structural	Sheet Piles	A
5.1.13	Bulkheads	Structural	Wales	A
5.1.15	Bulkheads	Structural	Pile Caps	A
5.2.5	Bulkheads	Backfill	Fill	B
5.2.12	Bulkheads	Backfill	Surface	B
5.3.2	Bulkheads	Fender	Buffer	B
5.3.4	Bulkheads	Fender	Facing	B
5.3.8	Bulkheads	Fender	Piles	B
5.3.14	Bulkheads	Fender	Wales and Chocks	B
5.4.16	Bulkheads	Deck Elements	Railing	B
6.1.1	Bridge Structural	Abutments	Bridge Seat&pedestals	A
6.1.7	Bridge Structural	Abutments	Backwall	C
6.1.9	Bridge Structural	Abutments	Brngs,Ancr Blts,Pads	A
6.1.14	Bridge Structural	Abutments	Footings	B
6.1.17	Bridge Structural	Abutments	Joint with Deck	B
6.1.20	Bridge Structural	Abutments	Mat (scour & erosion)	B
6.1.24	Bridge Structural	Abutments	Pedestals	A
6.1.31	Bridge Structural	Abutments	Stem (breastwall)	B
6.1.32	Bridge Structural	Abutments	Walls	A
6.2.20	Bridge Structural	Wingwalls	Mat (scour & erosion)	C

D.S.C.	Discipline (D)	System (S)	Component (C)	Priority
6.2.32	Bridge Structural	Wingwalls	Walls	C
6.3.8	Bridge Structural	Stream Channel	Bank Protection	C
6.3.20	Bridge Structural	Stream Channel	Mat (scour & erosion)	A
6.3.44	Bridge Structural	Stream Channel	Pier Protection	B
6.4.4	Bridge Structural	Approaches	Pavement	C
6.4.11	Bridge Structural	Approaches	Curbs	A
6.4.13	Bridge Structural	Approaches	Embankment	C
6.4.16	Bridge Structural	Approaches	Guide Railing	A
6.4.20	Bridge Structural	Approaches	Mat (scour & erosion)	A
6.4.30	Bridge Structural	Approaches	Sidewalks/Fascias	C
6.5.2	Bridge Structural	Piers	Cap Beam	A
6.5.5	Bridge Structural	Piers	Pier,Columns	B
6.5.6	Bridge Structural	Piers	Stem,Solid Pier	B
6.5.9	Bridge Structural	Piers	Brngs,Ancr Blts,Pads	A
6.5.14	Bridge Structural	Piers	Footings	B
6.5.20	Bridge Structural	Piers	Mat (scour & erosion)	A
6.5.24	Bridge Structural	Piers	Pedestals	B
6.6.11	Bridge Structural	Deck Elements	Curbs	A
6.6.15	Bridge Structural	Deck Elements	Gratings	A
6.6.16	Bridge Structural	Deck Elements	Guide Railing	A
6.6.21	Bridge Structural	Deck Elements	Median	A
6.6.22	Bridge Structural	Deck Elements	Mono Deck Surface	C
6.6.28	Bridge Structural	Deck Elements	Railings/Parapets	A
6.6.30	Bridge Structural	Deck Elements	Sidewalks/Fascias	C
6.6.33	Bridge Structural	Deck Elements	Wearing Surface	C
6.7.12	Bridge Structural	Superstructure	Deck,Structural	A
6.7.18	Bridge Structural	Superstructure	Joints	C
6.7.27	Bridge Structural	Superstructure	Primary Member	A
6.7.29	Bridge Structural	Superstructure	Secondary Member	B
6.7.50	Bridge Structural	Superstructure	Vertical Lift Tower	A
6.8.45	Bridge Structural	Movable Bridges	Swing Span Truss	A
6.8.46	Bridge Structural	Movable Bridges	Swing Span Pivot Pier	A
6.8.47	Bridge Structural	Movable Bridges	Bascule Span	A
6.8.48	Bridge Structural	Movable Bridges	Bascule Span Pier	A
6.8.49	Bridge Structural	Movable Bridges	Vertical Lift Span	A
6.8.50	Bridge Structural	Movable Bridges	Vertical Lift Tower	A
6.8.51	Bridge Structural	Movable Bridges	Vertical Lift Pier	A
9.1.1	Park Wall	Wall	Coping	A
9.1.2	Park Wall	Wall	Wall/Fence	B
9.1.3	Park Wall	Wall	Base	C
10.1.2	Boardwalks	Superstructure	Deck	A
10.1.3	Boardwalks	Superstructure	Railing	C
10.2.4	Boardwalks	Substructure	Beams	A
10.2.5	Boardwalks	Substructure	Piers	A
10.2.6	Boardwalks	Substructure	Girders	A
10.2.7	Boardwalks	Substructure	Underside Enclosure	A

D.S.C.	Discipline (D)	System (S)	Component (C)	Priority
12.1.5	Bridge Electrical	Communication Electrical	Communications	B
12.1.18	Bridge Electrical	Communication Electrical	Intercom	B
12.1.38	Bridge Electrical	Communication Electrical	Telephone	B
12.1.50	Bridge Electrical	Communication Electrical	Jack	B
12.2.6	Bridge Electrical	Control System Electrical	Computer	B
12.2.8	Bridge Electrical	Control System Electrical	Control Console	B
12.2.9	Bridge Electrical	Control System Electrical	Control Devices	B
12.2.10	Bridge Electrical	Control System Electrical	Disconnect Switch	B
12.2.22	Bridge Electrical	Control System Electrical	Limit Switch	B
12.2.23	Bridge Electrical	Control System Electrical	Local Starter	B
12.3.25	Bridge Electrical	Drive	Machinery Brake	B
12.3.27	Bridge Electrical	Drive	Motor Brake	B
12.3.33	Bridge Electrical	Drive	Span Lock Motor	B
12.3.47	Bridge Electrical	Drive	Wedge Motor	B
12.4.24	Bridge Electrical	Electric Power	MCC	B
12.4.28	Bridge Electrical	Electric Power	PanelBoard	B
12.4.31	Bridge Electrical	Electric Power	Service Equipment	B
12.4.43	Bridge Electrical	Electric Power	Transfer Switch	B
12.4.44	Bridge Electrical	Electric Power	Transformer	B
12.4.51	Bridge Electrical	Electric Power	Heating	B
12.4.54	Bridge Electrical	Electric Power	Dist Equip/Motor Cont.	B
12.5.19	Bridge Electrical	Exterior Lighting	Lighting Contactor	B
12.5.20	Bridge Electrical	Exterior Lighting	Lighting Fixture	B
12.5.30	Bridge Electrical	Exterior Lighting	Pole	B
12.5.34	Bridge Electrical	Exterior Lighting	Spot Lighting	B
12.6.17	Bridge Electrical	Ground/Lightning Protection	Ground Wire	B
12.7.11	Bridge Electrical	Interior Lighting	Exit Lighting	B
12.7.20	Bridge Electrical	Interior Lighting	Lighting Fixture	B
12.7.49	Bridge Electrical	Interior Lighting	Wiring Device	B
12.8.1	Bridge Electrical	Navigation Lighting	Air Beacon	B
12.8.12	Bridge Electrical	Navigation Lighting	Fender Lighting	B
12.8.29	Bridge Electrical	Navigation Lighting	Pier Lighting	B
12.8.32	Bridge Electrical	Navigation Lighting	Span Lighting	B
12.9.44	Bridge Electrical	Power Over 600V	Transformer	B
12.10.3	Bridge Electrical	Raceway	Box	B
12.10.4	Bridge Electrical	Raceway	Collector Ring	B
12.10.5	Bridge Electrical	Raceway	Communications	B
12.10.7	Bridge Electrical	Raceway	Conduit	B
12.10.35	Bridge Electrical	Raceway	Submarine Ctrl Cables	B
12.10.36	Bridge Electrical	Raceway	Submarine Power Cable	B
12.10.45	Bridge Electrical	Raceway	Trough	B
12.10.48	Bridge Electrical	Raceway	Wires	B
12.10.52	Bridge Electrical	Raceway	Wiring	B
12.11.26	Bridge Electrical	Span Lock	Motor	B
12.12.13	Bridge Electrical	Stand-by Power	Generator	B
12.12.43	Bridge Electrical	Stand-by Power	Transfer Switch	B

D.S.C.	Discipline (D)	System (S)	Component (C)	Priority
12.13.2	Bridge Electrical	Traffic System Electrical	Barrier Gate Lighting	B
12.13.39	Bridge Electrical	Traffic System Electrical	Traffic Gate Lighting	B
12.13.40	Bridge Electrical	Traffic System Electrical	Traffic Gong	B
12.13.41	Bridge Electrical	Traffic System Electrical	Traffic Sign	B
12.13.42	Bridge Electrical	Traffic System Electrical	Traffic Signal	B
12.14.53	Bridge Electrical	Lighting	Lighting Devices	B
13.1.7	Bridge Mechanical	Bascule	Counter Weight	B
13.1.9	Bridge Mechanical	Bascule	Emergency Drive	B
13.1.12	Bridge Mechanical	Bascule	Fuel Tanks	B
13.1.13	Bridge Mechanical	Bascule	Houses	B
13.1.14	Bridge Mechanical	Bascule	Lock Bars	B
13.1.15	Bridge Mechanical	Bascule	Main Drive System	B
13.1.16	Bridge Mechanical	Bascule	Rack	B
13.1.20	Bridge Mechanical	Bascule	Structural Bearings	B
13.1.22	Bridge Mechanical	Bascule	Track	B
13.1.23	Bridge Mechanical	Bascule	Traffic Devices	B
13.1.24	Bridge Mechanical	Bascule	Trunnion	B
13.3.4	Bridge Mechanical	Swing	Center Latch	B
13.3.6	Bridge Mechanical	Swing	Center Pivot	B
13.3.9	Bridge Mechanical	Swing	Emergency Drive	B
13.3.10	Bridge Mechanical	Swing	End Lift	B
13.3.12	Bridge Mechanical	Swing	Fuel Tanks	B
13.3.13	Bridge Mechanical	Swing	Houses	B
13.3.15	Bridge Mechanical	Swing	Main Drive System	B
13.3.16	Bridge Mechanical	Swing	Rack	B
13.3.20	Bridge Mechanical	Swing	Structural Bearings	B
13.3.23	Bridge Mechanical	Swing	Traffic Devices	B
13.4.1	Bridge Mechanical	Vertical Lift	Buffers	B
13.4.2	Bridge Mechanical	Vertical Lift	CTRWT Ropes&Guides	B
13.4.7	Bridge Mechanical	Vertical Lift	Counter Weight	B
13.4.8	Bridge Mechanical	Vertical Lift	Elevators	B
13.4.9	Bridge Mechanical	Vertical Lift	Emergency Drive	B
13.4.11	Bridge Mechanical	Vertical Lift	End Locks	B
13.4.13	Bridge Mechanical	Vertical Lift	Houses	B
13.4.15	Bridge Mechanical	Vertical Lift	Main Drive System	B
13.4.19	Bridge Mechanical	Vertical Lift	Sheaves	B
13.4.20	Bridge Mechanical	Vertical Lift	Structural Bearings	B
13.4.21	Bridge Mechanical	Vertical Lift	Towers	B
13.4.23	Bridge Mechanical	Vertical Lift	Traffic Devices	B
14.1.2	Marinas/Docks	Access Walkways	Deck	A
14.1.5	Marinas/Docks	Access Walkways	Gangways	B
14.1.8	Marinas/Docks	Access Walkways	Pile Caps	A
14.1.11	Marinas/Docks	Access Walkways	Piles and Bracing	A
14.1.15	Marinas/Docks	Access Walkways	Fender Piles,Wales/Chocks	A
14.2.1	Marinas/Docks	Floating Docks	Anchor Piles	A
14.2.2	Marinas/Docks	Floating Docks	Deck	A

D.S.C.	Discipline (D)	System (S)	Component (C)	Priority
14.2.3	Marinas/Docks	Floating Docks	Fenders	C
14.2.4	Marinas/Docks	Floating Docks	Floats/Frames	A
14.2.7	Marinas/Docks	Floating Docks	Mooring Piles	B
14.2.16	Marinas/Docks	Floating Docks	Barge	A
14.3.11	Marinas/Docks	Launch/Haulout	Piles and Bracing	A
14.3.12	Marinas/Docks	Launch/Haulout	Ramp	B
14.3.13	Marinas/Docks	Launch/Haulout	Runway	A
14.4.6	Marinas/Docks	Protective Structure	Ice Breaker	A
14.4.9	Marinas/Docks	Protective Structure	Piles Cluster	C
14.4.14	Marinas/Docks	Protective Structure	Wave Breaker	A
14.5.10	Marinas/Docks	Deck Elements	Railing	A
14.6.18	Marinas/Docks	Electrical	Conduit	A
14.6.21	Marinas/Docks	Electrical	Lighting Fixture	A
14.7.23	Marinas/Docks	Electrical/Mech.	Power Supply/Bollards	A
14.8.20	Marinas/Docks	Fender	Facing	A
14.8.22	Marinas/Docks	Fender	Piles	A
14.8.26	Marinas/Docks	Fender	Wales and Chocks	A
14.9.25	Marinas/Docks	Gallows Frames	Tower Frames	A
14.10.24	Marinas/Docks	Mech./Plumbing	Sanitary Piping	A
14.10.27	Marinas/Docks	Mech./Plumbing	Water Supply	A
14.11.17	Marinas/Docks	Movable Ramps	Bearings	A
14.11.19	Marinas/Docks	Movable Ramps	Deck and Railing	A
16.1.20	Park Bridges	Abutments	Mat (scour & erosion)	B
16.1.31	Park Bridges	Abutments	Stem (breastwall)	B
16.2.20	Park Bridges	Wingwalls	Mat (scour & erosion)	C
16.2.32	Park Bridges	Wingwalls	Walls	C
16.3.8	Park Bridges	Stream Channel	Bank Protection	C
16.3.20	Park Bridges	Stream Channel	Mat (scour & erosion)	A
16.3.44	Park Bridges	Stream Channel	Pier Protection	B
16.4.4	Park Bridges	Approaches	Pavement	C
16.4.11	Park Bridges	Approaches	Curbs	A
16.4.13	Park Bridges	Approaches	Embankment	C
16.4.16	Park Bridges	Approaches	Guide Railing	A
16.4.20	Park Bridges	Approaches	Mat (scour & erosion)	A
16.5.2	Park Bridges	Piers	Cap beam	A
16.5.20	Park Bridges	Piers	Mat (scour & erosion)	A
16.6.11	Park Bridges	Deck Elements	Curbs	A
16.6.16	Park Bridges	Deck Elements	Guide Railing	A
16.6.21	Park Bridges	Deck Elements	Median	A
16.6.28	Park Bridges	Deck Elements	Railings/Parapets	A
16.6.30	Park Bridges	Deck Elements	Sidewalks/Fascias	C
16.6.33	Park Bridges	Deck Elements	Wearing Surface	C
16.7.12	Park Bridges	Superstructure	Deck,Structural	A
16.7.18	Park Bridges	Superstructure	Joints	C
16.7.27	Park Bridges	Superstructure	Primary Member	A
16.7.29	Park Bridges	Superstructure	Secondary Member	B

D.S.C.	Discipline (D)	System (S)	Component (C)	Priority
	Rikers Island	Electrical		A
	Rikers Island	Gas Mains		B
	Rikers Island	Sanitary System		B
	Rikers Island	Underground Steam Tunnel		B
	Rikers Island	Storm System		B
	Rikers Island	Domestic/Fire Water System		B
	Brooklyn Bridge			A
	Manhattan Bridge			A
	Queensboro Bridge			A
	Williamsburg Bridge			A
	Street Lighting System			A
	Traffic Signal System			A
	Streets and Highways	Arterial Streets		A
	Streets and Highways	Primary Streets		B
	Streets and Highways	Secondary Streets		B
	Streets and Highways	Local Streets		C
	Streets and Highways	Step Streets		D
	Park Utilities	Electrical		A
	Park Utilities	Water and Sewers		B
	Park Streets and Roads			D
	Ferries	Capital Repairs		A
	Ferries	Major Maintenance		A
	Vessels	Capital Repairs		A
	Vessels	Major Maintenance		A

Exhibit B
Technical Notes and Project Methodology

Exhibit B
Technical Notes and Project Methodology

Asset Definition

In single structure assets, the sub-asset and the asset are synonymous. In the agency reports, an "asset" generally has a one-to-one correspondence with a unique structure and has an individual Program Number. In some instances, the initial "asset" was defined as an organizational unit which provided a common service, but consists of numerous individual structures. An example of this would be Bellevue Hospital which is considered to be the "asset", but which has several significant individual structures. Bellevue Hospital is numbered as the "asset" and individual buildings are numbered as "sub-assets". Bridges with individual Bridge Identification Numbers are also considered separate sub-assets. Actual surveying, costing and reporting always occur at the sub-asset level.

Criteria for Survey Selection

The decision criteria below have been developed and generally followed in determining sub-assets to receive an engineering survey:

- Assets meeting the Charter criteria which had a previous survey conducted four years ago.
- Sub-assets appraised at greater than $1 million regardless of size
- Sub-assets valued at greater than $250,000 and greater in size than 10,000 sq. ft.
- Other sub-assets used as an "average cost" group.
- Special requests from agencies.

Repair, Replacement and Major Maintenance

Repairs, replacements and "major maintenance" costs are all presented at the detailed component level in the maintenance schedules. Repairs are defined as reconstruction or renovation.

Cost Estimating

In order to have a consistent, standard methodology, all costs were developed on a contracted-out basis adjusted for work in the NYC public sector. Costs were developed for individual component repairs/replacements. Costs presented are considered all-inclusive (i.e. labor, materials, equipment, design, construction management, overhead and profit). The data obtained by the field survey teams and by the estimators was combined in a project computer database. This database was used to generate the

asset cost data. Actual work, when performed by an agency may be on a different basis or packaged in a different manner. Future work, performed on a large scale (i.e., major rehabilitation or modernization), may include other logical work items that are not specifically cited in the agency reports as currently needing major repair or replacement.

Quantity Estimating and Modeling Procedures

A team of professional construction cost estimators utilized asset plans and other reports to conduct a quantity take-off of selected components in typical assets. This data was used to develop models for calculating the replacement cost of those components in place. When plans were not available, it was necessary for the estimators to visit the site with a field survey team or to have a field survey team obtain quantities when they were at that specific site. It was not practical or cost effective to measure each asset to determine the quantities of the various components and types contained. To address this issue the cost estimating team developed hundreds of models for which they generated detailed quantity relationships. Assets were then assigned models to which they were similar in size and type. Unique assets and recent additions to the inventory generally became their own models.

Average Cost Methods

Average cost methods are used for small assets where an average cost per square foot, within a project type, is computed for repair in the next fiscal year. Replacement and maintenance costs are calculated on an annual basis over a ten-year period.

Life Cycle Projections

The engineers have developed a typical life cycle for each component type based on industry standards and engineering judgment. These were previously shared with each agency and have subsequently been updated to better reflect City practices. The component life cycles, along with survey assessment, are used in the report to estimate the likely point in time that a component may need replacement.

Major Maintenance

Major Maintenance as presented in the report has a specific meaning to meet the requirements of the Charter. With the exception of bridges, major maintenance is defined as those activities that should be performed at intervals of at least one year or greater and that are required to maintain the useful life and integrity of the component. Major maintenance, as here defined, does not generally include the more frequent annual and on-going normal preventive maintenance activities that should regularly occur as part of a good overall maintenance program. Major maintenance activities are generally large in scope and, depending on the agency, may often be the type of work that would be contracted-out. Major maintenance for bridges was treated differently from all other assets and does include items that are of a preventive

nature. Such activities as cleaning and debris removal are large-scale identifiable items that should not only occur regularly, but would also have a direct impact on the structural integrity of the bridge over time. Major maintenance includes all the items recommended by the project engineers as well as the full preventive maintenance program that was outlined in the bridge engineering report to the City, prepared by the Consortium of New York Engineering Schools, generally known as the "Consortium Report."

Major Maintenance Programming:

The recommended date for the start of each maintenance program was developed with consideration of engineering judgment, recommended practice, observed conditions, repairs/replacements, and general practicality. The decision rules, which apply, are as follows:

- If a repair is called for, maintenance starts in the next cycle.
- If two or more observations are rated severe, maintenance starts in the next fiscal year.
- If the replacement year is within five years of the current fiscal year, maintenance starts in the next fiscal year.
- When a component's standard life is the life of the asset, maintenance begins the next fiscal year after a new survey.
- If no repair is needed and less than two observations are rated severe for a component type whose life is the life of the asset, maintenance starts in the next cycle.
- If no repair is needed and maintenance does not start in the next fiscal year, then the maintenance start year is calculated from the year of replacement back to the present, using the maintenance cycle as an interval.
- If replacement year coincides with the maintenance start year, then no maintenance accrues.

Major Maintenance Costing:

Generally, the major maintenance programs are priced as a cost per square foot times either the area of the component or area serviced by the component. However, for a number of components, the first step in the maintenance program is to conduct a detailed survey of the component to precisely determine its condition and specific maintenance needs. The cycle frequency of the maintenance survey is much shorter than the actual maintenance cycle, thus it is presumed that the maintenance effort is not required for the whole area of the component in each cycle, but will be required for some portion of the component. As a result, the maintenance program of a certain component (i.e. repointing of exterior wall) may happen more than one time in the ten-year projection to maintain different portions of the component.

Component Observations

Component observations are meant to qualify the repair and replacement needs of the component, i.e. describing the deficiencies and locations where they occur. Even when there is no repair called for, surveyors have the ability to record observations in the field to better describe the condition of the component type and the extent of its severity.

Special Systems and Reports

There are a number of special systems and situations within a few agencies that required unique treatment and which did not readily fit within the format of the standard agency report. These assets were treated separately and were reported on in a number of different modes as appropriate to the situation. The methodology required in such cases was sometimes different than the general approach for most assets described in this report. Each of the special reports outlines how the assets were assessed and the resulting cost factors calculated.

The four East River Bridges (i.e., Brooklyn, Manhattan, Queensboro, Williamsburg) are updated yearly based on the agency's Ten Year Plan to bring them up to a state of good repair. DPR's roads and utilities are based on surveys and engineering estimates. Maintenance needs for DOT's Street Lighting and Traffic Signal Systems have been updated yearly to reflect the latest contract information available from the Agency. Streets and Highways are assessed each year based on a reinspection by DOT. Annual maintenance and repair costs for marine vessels from DOT and FDNY, and DOC's underground utilities were provided by the respective agencies.

Agency	Special Systems
Department of Transportation (DOT) FY 2008	Four East River Bridges • *yearly report based on DOT's Ten Year Plan to bring them to a state of good repair*
Department of Transportation (DOT) FY 2008	Street and City Owned Arterial System • *report produced by DOT*
Department of Transportation (DOT) FY 2008	Street Lighting System • *agency contract information*
Department of Transportation (DOT) FY 2008	Traffic Signal System • *agency contract information*
Department of Transportation (DOT) FY 2008	Ferries • *agency contract information*
Parks Department (DPR) FY 2008	Underground Utilities • *narrative report submitted on electrical, sewer, and water utilities*
Parks Department (DPR) FY 2008	Streets and Roads in Parks • *narrative report submitted*
Department of Correction (DOC) FY 2008	Rikers Island Underground Utilities • *yearly report based on agency information*
Fire Department (FDNY) FY 2008	Fireboats • *yearly report based on agency information*

Exhibit C
Legend for Individual Survey Report and Sample Asset Report

Exhibit C
Legend for Individual Survey Report

Print Date: [a] AGENCY [b] – Fiscal Year [c] Page: [d]

Asset Name: [1]
Address: [2]
Borough: [3]
Program/Asset #: [4]
Area Sq Ft: [5]
Date of Survey: [6]
Areas Surveyed: [7]

Agency's Number: [8]
Yr Built/Renovated: [9]
Project Type: [10]
Landmark Status: [11]

Header

a.	Print Date:	Date of report printing
b.	Agency:	Name of agency being reported
c.	Fiscal Year:	Fiscal year of report creation
d.	Page:	Page number of agency report
1.	Asset Name:	The asset name/description
2.	Address:	Self explanatory
3.	Borough:	Self explanatory
4.	Program/Asset #:	The unique number assigned to every sub-asset in the study
5.	Area Sq Ft:	The gross square feet of the asset. Some unique assets (i.e., piers and bulkheads) may also have a second measurement such as linear feet or linear feet fender.
6.	Date of Survey:	Date of last survey
7.	Areas Surveyed:	Sub-basement, basement, and roof are indicated if surveyed. The floors surveyed are indicated by floor number (applicable to buildings only). The codes ATT and PH are used to indicate attic and penthouse.

Print Date: [a]	AGENCY [b] – Fiscal Year [c]	Page: [d]

Asset Name: [1]
Address: [2]
Borough: [3]
Program/Asset #: [4]
Area Sq Ft: [5]
Date of Survey: [6]
Areas Surveyed: [7]

Agency's Number: [8]
Yr Built/Renovated: [9]
Project Type: [10]
Landmark Status: [11]

Header (continued)

8. Agency's Number: For cross reference, the internal number within the agency

9. Yr Built/Renovated: Year of construction and last major renovation or addition

10. Project Type: NYC Capital Budget designation

11. Landmark Status: Whether the asset is associated with a landmark designation:

I – Interior Landmark

E – Exterior Landmark

H – Historical Landmark District

B – Interior and Exterior Landmark

C – Exterior Landmark in Historical District

D – Interior, Exterior Landmark in Historical District

N – Not a Landmark

Discipline [1]		Current Repair		Future Replacement		Maintenance		
System [2]								
Component Type	% of [3] Total	Fail Date [4] (Years)	Estimated [5] Cost	Year [6] FY	Estimated [7] Cost	Cycle [8] (Yrs)	Estimated [9] Cost	Priority [10] Code

1. Discipline: The name of the discipline being evaluated (i.e. architectural, electrical, mechanical). Some agencies may have additional unique assets, which for the purposes of this report are treated as "disciplines" (i.e. piers, bulkheads, bridges).

2. System: The system that is being rated

Component: The component of the system

Type: The primary type(s) of material or equipment

3. % of Total: The percentage of the total component that is represented by the type.

4. Fail Date (Years): Indicates the component rating as follows:

Now: The Component has failed or is inoperative at the time of the survey.

0-2: It is predicted, based solely on observation that the component may fail or cease to operate within two years of the survey.

2-4: It is predicted, based solely on observation that the component may fail or cease to function within a period of two to four years after the survey.

4+: It is predicted, based solely on observation that the component may fail or cease to function beyond four years after the survey.

5. Estimated Cost: The costed dollar amount estimated to fix a component rated as failed or needing a repair.

Discipline [1]	Current Repair			Future Replacement		Maintenance		
System [2]								
Component Type	% of [3] Total	Fail Date [4] (Years)	Estimated [5] Cost	Year [6] FY	Estimated [7] Cost	Cycle [8] (Yrs)	Estimated [9] Cost	Priority [10] Code

6. Year FY: The estimated fiscal year in which component is projected to need replacement based on standard life, condition as of the last survey, and estimate of % of life remaining, with the assumption that recommended repairs and maintenance activities are performed. Some "life" components are expected to last for the life of the asset and are not normally replaced.

7. Estimated Cost: The estimated cost in current dollars to replace the component. Items with a replacement date of "life" are not costed and are shown as **. Only components that have replacement dates projected within the next ten years are shown as cost items.

8. Cycle (Yrs): The recommended cycle at which the major maintenance program should be performed.

9. Estimated Cost: The estimated maintenance cost over a ten year period, (in current dollars), as calculated on a standard contracting basis.

10. Priority Code: An assigned code of A, B, C, or D which generally reflects the relative importance of the component to the structural integrity of the asset.

Observations

System [1] Component Type	Observation [2] Location [3]	Extent [4]	Area Affected [5]

1. System, Component, Type: Same as previous report sections.

2. Observation: Observation made by surveyor regarding components of the Asset.

3. Location: Location is given as needed for an observation.

4. Extent: Light, Medium, or Severe.

5. Area Affected: Extent of observed condition expressed as a percentage of the component or component type.

Print Date : 30-Aug-2007

DEPT. OF HEALTH & MENTAL HYGIENE - FY 2008

Asset Name	: **ASTORIA DISTRICT HEALTH CENTER**		
Address	: **12-26 31ST AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **HEA0015.000 / 132**	**Yr Built/Renovated**	: **1937 / 2002**
Area Sq Ft	: **28,372**	**Project Type**	: **HEALTH**
Date of Survey	: **28-Mar-2007**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,PH**		

CAPITAL BUDGET	FY 2009 - 2012	FY 2013 - 2018
Exterior Architecture	$280,900	$183,300
Electrical	$38,500	$92,600
Mechanical		$37,000
Total	**$319,400**	**$312,900**
Priority A	$280,900	$183,300
Priority B	$38,500	$129,600
Total	**$319,400**	**$312,900**

EXPENSE BUDGET	FY 2009	FY 2010	FY 2011	FY 2012
Exterior Architecture	$99,700		$2,800	
Interior Architecture	$53,800	$3,000	$3,600	
Electrical	$23,000			$100
Mechanical	$10,100	$4,100	$5,700	$3,000
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$190,500**	**$11,100**	**$16,000**	**$7,000**
Priority A	$99,700		$2,800	
Priority B	$63,600	$11,100	$9,700	$7,000
Priority C	$27,200		$3,600	
Total	**$190,500**	**$11,100**	**$16,000**	**$7,000**

Note : All $ estimates are in current dollars and are not escalated for potential future inflation.
Maintenance $ are aggregated over a ten-year period.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPT. OF HEALTH & MENTAL HYGIENE - 816
ASTORIA DISTRICT HEALTH CENTER
Asset # : 132

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Copper/Terne	3%			2038	* *	10	$2,200	A
Masonry: Brick	65%	Now	$59,400	LIFE	* *	5	$20,500	A
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : One Story Wing								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 20%								
Location : One Story Wing								
Pre-Cast Concrete	25%	Now	$24,400	LIFE	* *	5	$25,700	A
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%								
Location : At Building Base								
Misaligned/Bulging, Extent : Moderate, Area Affected : 100%								
Location : North Facade, East Facade								
Stucco Cement	7%			2031	* *	5	$5,500	A
Windows								
Steel	5%	Now	$21,700	2048	* *	5	$2,700	A
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Penthouse								
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Penthouse								
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Penthouse								
Wood	95%	Now	$221,600	2048	* *	5	$41,000	A
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	97%	Now	$24,600	LIFE	* *	5	$4,300	A
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Interior Face								
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Interior Face								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Interior Face								
Pre-Cast Concrete	3%			LIFE	* *	5	$1,700	A

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DEPT. OF HEALTH & MENTAL HYGIENE - 816
ASTORIA DISTRICT HEALTH CENTER
Asset # : 132

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Roof								
Modified Bitumen	95%	0-2	$14,200	2018	$142,300			A
Blisters, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Roof Perimeter								
Skylight, Metal/Glass	5%	Now	$14,000	2028	* *			A
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Over Elevator Shaft								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Over Elevator Shaft								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$6,700	C
Ceramic Tile	5%			2046	* *	5	$1,500	C
Terrazzo	15%			LIFE	* *	5	$7,100	C
Vinyl Tile	65%			2038	* *	3	$7,400	C
Vinyl Tile	10%			2044	* *	3	$1,100	C
Interior Walls								
Metal Panel	5%			LIFE	* *	10	$900	C
Marble Panels	5%			LIFE	* *	10	$800	C
Plaster	75%			LIFE	* *	5-10	$24,400	C
SGFT/Glazed Masonry	15%			LIFE	* *	10	$2,900	C
Ceilings								
AcousTileSusp.Lay-In	20%			2035	* *	5	$6,100	B
Exposed Concrete	5%			LIFE	* *	5-10	$1,900	B
Plaster	75%			LIFE	* *	5-10	$39,300	B

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2018	$2,600	5	$100	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service Rated @ 600a								
Switchgear								
Fused Knife Sw	100%	2-4	$38,500	2048	* *	5	$100	B
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Raceway								
Conduit	90%			2018	$18,800	1		B
Conduit	10%			2038	* *	1		B

Note : All $ estimates are in current dollars and are not escalated for potential future inflation.
Maintenance $ are aggregated over a ten-year period.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPT. OF HEALTH & MENTAL HYGIENE - 816
ASTORIA DISTRICT HEALTH CENTER
Asset # : 132

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Panelboards								
Fused Toggle Switch	60%	2-4	$11,700	2043	* *	5	$200	B
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Upper Floor								
Molded Case Bkrs	20%			2017	$3,900	5	$100	B
Molded Case Bkrs	20%			2034	* *	5	$100	B
Wiring								
Braided Cloth	50%	2-4	$11,200	2043	* *	1		B
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2028	* *	1		B
Thermoplastic	20%			2038	* *	1		B
Motor Controllers								
Locally Mounted	50%			2023	* *	5	$100	B
Locally Mounted	50%			2016	$6,700	5	$100	B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
General Lighting								
Fluorescent	89%			2018	$92,600	10	$16,600	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T12 Lamps								
Fluorescent	10%			2023	* *	10	$1,900	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : T8 Lamps								
HID	1%			2018	$700	10		B
Egress Lighting								
Emergency, Battery	50%			2023	* *	10	$2,500	B
Exit, Hardwired	50%			2023	* *	1		B

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		B
Conversion Equipment								
Steam Boiler	100%			2035	* *	1	$20,200	B
Distribution								
Steam Piping/Pump	100%			2038	* *	4	$1,500	B

Note : All $ estimates are in current dollars and are not escalated for potential future inflation.
Maintenance $ are aggregated over a ten-year period.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPT. OF HEALTH & MENTAL HYGIENE - 816
ASTORIA DISTRICT HEALTH CENTER
Asset # : 132

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Terminal Devices								
Air Handler	10%			2018	$10,800	1	$1,300	B
Convector/Radiator	90%			2023	* *	1	$5,900	B
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		B
Conversion Equipment								
Reciprocating Compr	10%			2023	* *	1	$1,000	B
Window/Wall Unit	90%			2016	$37,000	1		B
Terminal Devices								
Air Handler/Dir Expansion	10%			2023	* *	1		B
No Component	90%							D
Heat Rejection								
Remote Air Cond	10%			2023	* *	2	$1,400	B
Other Observation, Extent : Light, Area Affected : 10% *Location : North East Corner* *Explanation : Split System*								
No Component	90%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$18,000	B
Exhaust Fans								
Interior	100%			2013	$22,100	2	$600	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2023	* *	1		B
Hot Water Heater								
Gas Fired	100%			2017	$4,700	2	$300	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2018	$8,900	4	$2,000	B
Sewage Ejector(s)								
Electric	100%			2023	* *	4	$1,300	B
Backflow Preventer								
Generic	100%			2026	* *	1	$1,300	B
Other Observation, Extent : Light, Area Affected : 100% *Location : 1 Fl. Storage Room* *Explanation : Prz*								
Fixtures								
Generic	100%							B
Vertical Transport								

Note : All $ estimates are in current dollars and are not escalated for potential future inflation.
Maintenance $ are aggregated over a ten-year period.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPT. OF HEALTH & MENTAL HYGIENE - 816
ASTORIA DISTRICT HEALTH CENTER
Asset # : 132

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-3								
Explanation : 1 Unit								

Note : All $ estimates are in current dollars and are not escalated for potential future inflation.
Maintenance $ are aggregated over a ten-year period.
*** Replacement cost estimated to be beyond ten years is not included in this report.*