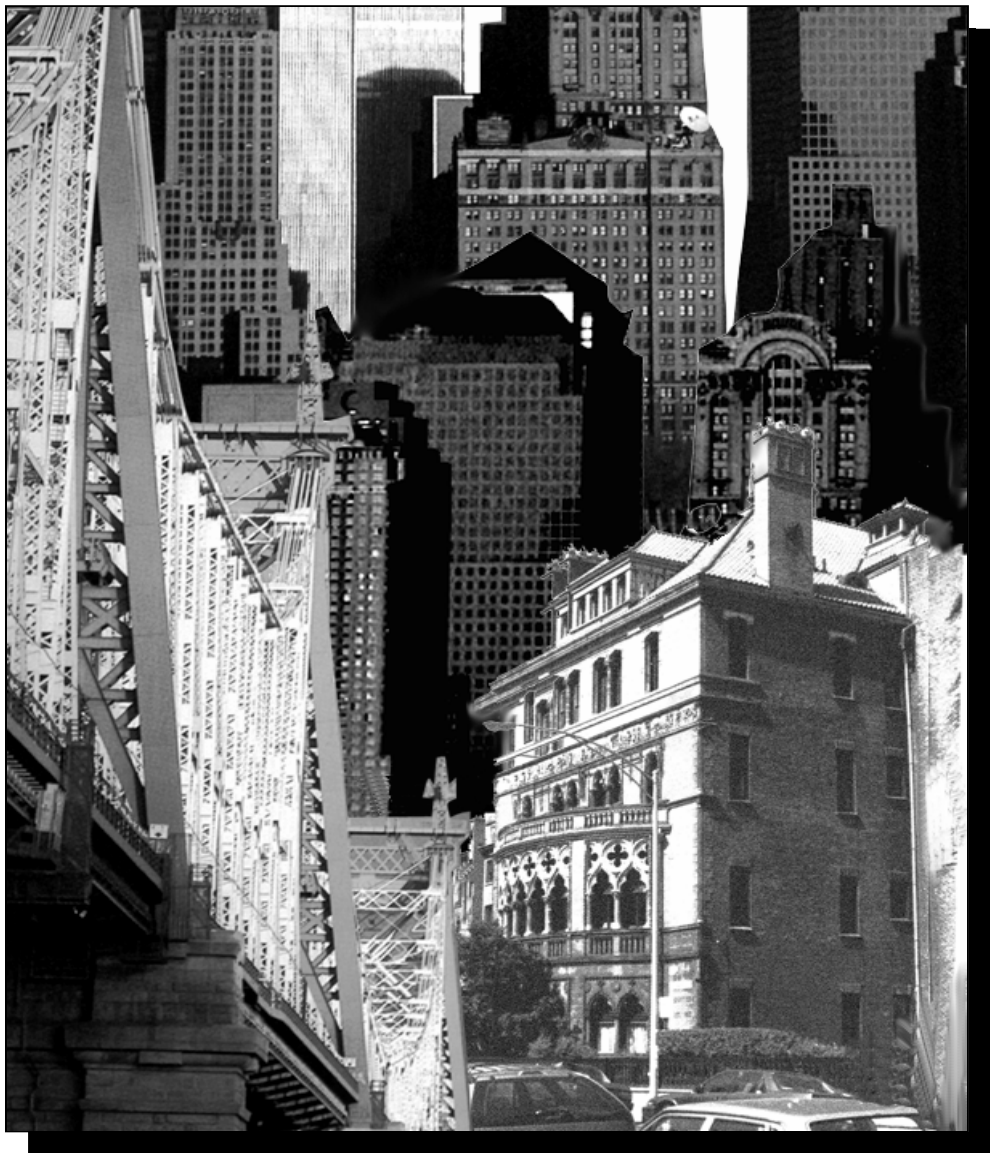
Asset Information Management System (AIMS) Report

Executive Summary



The City of New York
Michael R. Bloomberg, Mayor

Fiscal Year 2006

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

MEMORANDUM

TO: Hon. Gifford A. Miller, Speaker, City Council
Hon. Amanda M. Burden, Chairman, City Planning Commission
Hon. William C. Thompson, Comptroller

FROM: Michael R. Bloomberg

DATE: October 18, 2005

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 2006. 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. As required by the Charter, a separate document will be published in the Spring of 2006 comparing total funding recommended in the fiscal year 2006 report with the agencies' planned expense program for 2007 and capital program for 2007 through 2010.

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 2006

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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. Bridge surveys were performed by Washington Infrastructure Corporation 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 in the spring of 2006 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. There is a general prioritization presented within individual assets 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 2007. 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 this 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 Washington Infrastructure Corporation.

Table A
Citywide Asset Classes by Agency

New York, Brooklyn, Queens Public Libraries	
Libraries	24
Department of Education	
Primary Schools	765
Intermediate/Junior High Schools	199
High Schools	144
Administrative Buildings	14
Non-Shelters	1
City University	
Community College Buildings	86
Piers/Bulkheads	3
Parking Garages	1
Police Department	
Precinct Houses	78
Police Buildings Non-Precinct	22
Piers/Bulkheads	5
Marina	4
Fire Department	
Fire Department Buildings	20
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	5
Marina	1
Human Resources Administration	
Shelters	10
Non-Shelters	9
Department of Cultural Affairs	
Museum/Gallery Facilities	64
Cultural Facilities	215
Department of Juvenile Justice	
Juvenile Justice Buildings	3
Department of Small Business Services	
Museum/Gallery Facilities	3
Terminals/Markets	79
Piers/Bulkheads	92
Parking Garages	1
Court Buildings	1
Shelters	1
Ferry Terminal Facilities	1
Department of Health & Mental Hygiene	
Clinics	18
Health and Hospitals Corporation	
Hospital Buildings	113
Department of Sanitation	
Transfer Stations	20
Vehicle Maint./Storage Facilities	36
Incinerators	1
Piers/Bulkheads	19
Fresh Kills Facilities	17
Department of Transportation	
Bridge/Waterways	36
Highway Bridges and Tunnels	79
Highway Facilities	43
Streets and Arterials (miles)	6,500
Pier Facilities	5
Parking Garages	7
Traffic Signal Systems	1
Street Lighting Systems	1
Ferry Terminal Facilities	15
Piers/Bulkheads	13
Ferries	7
Department of Parks and Recreation	
Large Park Facilities	246
Major Park Facilities	119
Regional Park Facilities	311
Stadium Facilities	6
Vehicle Maint./Storage Facilities	8
Piers/Bulkheads	74
Marina	21
Dept. of Citywide Administrative Services	
Court Buildings	22
Piers/Bulkheads	31
Police Buildings Non-Precinct	1
Public Office Buildings	23
Terminals/Markets	4

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Citywide Summary Schedule

CITYWIDE SUMMARY SCHEDULE BY AGENCY

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

	CAPITAL FY 2007 - 2010	EXPENSE FY 2007
• NEW YORK PUBLIC LIBRARY	9,812,000	1,427,000
• BROOKLYN PUBLIC LIBRARY	7,030,000	484,000
• QUEENS PUBLIC LIBRARY	853,000	313,000
• DEPARTMENT OF EDUCATION	758,371,000	109,418,000
• CITY UNIVERSITY	54,947,000	7,161,000
• POLICE DEPARTMENT	34,738,000	9,613,000
• FIRE DEPARTMENT	8,131,000	851,000
• ADMIN. FOR CHILDREN'S SERVICES	1,020,000	641,000
• DEPT. OF HOMELESS SERVICES	42,964,000	5,446,000
• DEPARTMENT OF CORRECTION	136,717,000	4,674,000
• HUMAN RESOURCES ADMINISTRATION	5,061,000	1,217,000
• DEPARTMENT OF CULTURAL AFFAIRS	69,747,000	13,441,000
• DEPARTMENT OF JUVENILE JUSTICE	5,237,000	517,000
• DEPT. OF SMALL BUSINESS SERV.	247,244,000	6,884,000
• DEPT. OF HEALTH & MENTAL HYGIENE	10,066,000	2,122,000
• HEALTH AND HOSPITALS CORP.	183,491,000	14,682,000
• DEPARTMENT OF SANITATION	73,558,000	5,674,000
• DEPARTMENT OF TRANSPORTATION		
Bridges	943,786,000	28,580,000
Facilities & Ferries	110,063,000	3,972,000
Street & Traffic Lighting		47,685,000
Streets & Highways	1,707,710,000	
• DEPT. OF PARKS & RECREATION	374,775,000	18,959,000
• DEPT. OF CITYWIDE ADMIN. SERV.	127,449,000	13,361,000
Total	**$4,912,771,000***	**$297,122,000**

** 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 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	859,458,000	564,733,000
• Interior Architecture	339,778,000	372,131,000
• Electrical	183,549,000	1,053,973,000
• Mechanical	219,438,000	940,530,000
• Piers	126,013,000	27,619,000
• Bulkheads	318,394,000	12,350,000
• Bridges Structure	924,341,000	194,335,000
• Ferries	32,400,000	
• Parks' Walls	3,302,000	247,000
• Parks' Boardwalks	17,585,000	13,232,000
• Miscellaneous Buildings	32,534,000	4,372,000
• Parks' Water and Sewer Utilities	53,612,000	80,418,000
• Parks' Electrical Utilities	15,844,000	23,766,000
• Primary Streets	344,720,000	
• Secondary Streets	476,910,000	
• Local Streets	869,460,000	
• Arterial Streets	13,800,000	
• Step Streets	2,820,000	
• Elevators/Escalators		
• Parks' Streets and Roads	38,232,000	9,873,000
• Rikers Island Utilities	10,701,000	
• Park Bridges	2,430,000	744,000
• Marina	8,007,000	12,031,000
• Bridge Electrical	2,339,000	3,348,000
• Bridge Mechanical	17,106,000	3,292,000
• Traffic Signal System		
• Street Lighting System		
Total	**$4,912,771,000** *	**$3,316,993,000**

• Priority A	2,132,052,000	731,212,000
• Priority B	1,541,246,000	2,306,009,000
• Priority C	1,165,887,000	265,528,000
• Priority D	73,586,000	14,245,000
Total	**$4,912,771,000** *	**$3,316,993,000**

** 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 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	46,119,000	7,479,000	7,603,000	8,487,000
• Interior Architecture	58,314,000	15,159,000	16,207,000	15,289,000
• Electrical	25,395,000	9,813,000	9,858,000	9,107,000
• Mechanical	59,599,000	34,924,000	51,489,000	37,331,000
• Piers	2,194,000	161,000	3,737,000	192,000
• Bulkheads	2,630,000	58,000	1,551,000	165,000
• Bridges Structure	27,564,000	8,476,000	19,368,000	14,137,000
• Ferries	2,350,000	1,950,000	2,700,000	2,350,000
• Parks' Walls	234,000			
• Parks' Boardwalks	157,000		41,000	57,000
• Miscellaneous Buildings	3,542,000	864,000	986,000	838,000
• Parks' Water and Sewer Utilities	1,340,000	1,340,000	1,340,000	1,340,000
• Parks' Electrical Utilities	396,000	396,000	396,000	396,000
• Primary Streets				
• Secondary Streets				
• Local Streets				
• Arterial Streets				
• Step Streets				
• Elevators/Escalators	14,822,000	14,822,000	14,822,000	14,822,000
• Parks' Streets and Roads				
• Rikers Island Utilities	1,550,000	4,100,000	11,135,000	
• Park Bridges	1,463,000	14,000	66,000	303,000
• Marina	753,000	62,000	191,000	242,000
• Bridge Electrical	607,000	125,000	130,000	70,000
• Bridge Mechanical	410,000		70,000	
• Traffic Signal System	25,739,000	25,739,000	25,739,000	25,739,000
• Street Lighting System	21,946,000	21,946,000	21,946,000	21,946,000
Total	**$297,122,000**	**$147,427,000**	**$189,374,000**	**$152,810,000**

• Priority A	116,410,000	64,311,000	70,640,000	69,345,000
• Priority B	132,420,000	70,850,000	104,900,000	68,334,000
• Priority C	44,750,000	11,402,000	12,849,000	14,293,000
• Priority D	3,542,000	864,000	986,000	838,000
Total	**$297,122,000**	**$147,427,000**	**$189,374,000**	**$152,810,000**

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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 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	4,829,000	4,437,000
• Interior Architecture	3,170,000	6,006,000
• Electrical	653,000	5,866,000
• Mechanical	1,161,000	9,990,000
Total	**$9,812,000** *	**$26,298,000**
• Priority A	4,829,000	4,437,000
• Priority B	3,711,000	18,028,000
• Priority C	1,272,000	3,834,000
Total	**$9,812,000** *	**$26,298,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	246,000	36,000	68,000	238,000
• Interior Architecture	384,000	122,000	114,000	186,000
• Electrical	146,000	96,000	81,000	54,000
• Mechanical	475,000	305,000	555,000	310,000
• Elevators/Escalators	177,000	177,000	177,000	177,000
Total	**$1,427,000**	**$736,000**	**$995,000**	**$966,000**
• Priority A	246,000	36,000	68,000	238,000
• Priority B	949,000	632,000	813,000	546,000
• Priority C	233,000	69,000	114,000	182,000
• Priority D				
Total	**$1,427,000**	**$736,000**	**$995,000**	**$966,000**

** 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 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	1,689,000	222,000
• Interior Architecture	717,000	789,000
• Electrical	224,000	2,177,000
• Mechanical	4,400,000	3,367,000
Total	**$7,030,000** *	**$6,554,000**
• Priority A	1,689,000	222,000
• Priority B	4,875,000	5,927,000
• Priority C	466,000	404,000
Total	**$7,030,000** *	**$6,554,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	79,000	6,000		67,000
• Interior Architecture	93,000	23,000	8,000	65,000
• Electrical	110,000	3,000	9,000	70,000
• Mechanical	144,000	135,000	166,000	187,000
• Elevators/Escalators	58,000	58,000	58,000	58,000
Total	**$484,000**	**$226,000**	**$241,000**	**$447,000**
• Priority A	79,000	6,000		67,000
• Priority B	345,000	196,000	233,000	332,000
• Priority C	60,000	23,000	8,000	48,000
• Priority D				
Total	**$484,000**	**$226,000**	**$241,000**	**$447,000**

** 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 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	388,000	36,000
• Interior Architecture	94,000	2,331,000
• Electrical	372,000	1,339,000
• Mechanical		269,000
Total	**$853,000** *	**$3,974,000**
• Priority A	388,000	36,000
• Priority B	466,000	2,463,000
• Priority C		1,475,000
Total	**$853,000** *	**$3,974,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	14,000	46,000	12,000	41,000
• Interior Architecture	69,000	69,000		61,000
• Electrical	75,000	50,000	20,000	30,000
• Mechanical	126,000	92,000	126,000	94,000
• Elevators/Escalators	28,000	28,000	28,000	28,000
Total	**$313,000**	**$286,000**	**$186,000**	**$253,000**
• Priority A	14,000	46,000	12,000	41,000
• Priority B	241,000	170,000	174,000	157,000
• Priority C	57,000	69,000		55,000
• Priority D				
Total	**$313,000**	**$286,000**	**$186,000**	**$253,000**

** 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	:	765
INTERMEDIATE/JUNIOR HIGH SCHOOLS	:	199
HIGH SCHOOLS	:	144
ADMINISTRATIVE BUILDINGS	:	14
NON-SHELTERS	:	1
Total Assets in AIMS	:	**1,123**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	378,069,000	319,792,000
• Interior Architecture	161,584,000	165,796,000
• Electrical	128,776,000	743,002,000
• Mechanical	89,942,000	482,931,000
Total	**$758,371,000** *	**$1,711,522,000**
• Priority A	378,069,000	319,792,000
• Priority B	270,426,000	1,314,725,000
• Priority C	109,876,000	77,005,000
Total	**$758,371,000** *	**$1,711,522,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	21,425,000	4,873,000	4,183,000	5,430,000
• Interior Architecture	33,129,000	10,116,000	9,529,000	9,474,000
• Electrical	14,072,000	5,308,000	4,422,000	4,615,000
• Mechanical	37,263,000	21,806,000	31,210,000	23,473,000
• Elevators/Escalators	3,530,000	3,530,000	3,530,000	3,530,000
Total	**$109,418,000**	**$45,633,000**	**$52,874,000**	**$46,522,000**
• Priority A	21,425,000	4,873,000	4,183,000	5,430,000
• Priority B	64,790,000	33,735,000	42,252,000	32,464,000
• Priority C	23,203,000	7,025,000	6,439,000	8,628,000
• Priority D				
Total	**$109,418,000**	**$45,633,000**	**$52,874,000**	**$46,522,000**

** 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	:	86
PIERS/BULKHEADS	:	3
PARKING GARAGES	:	1
Total Assets in AIMS	:	**90**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	18,747,000	19,738,000
• Interior Architecture	8,349,000	12,155,000
• Electrical	4,456,000	25,997,000
• Mechanical	22,587,000	23,933,000
• Bulkheads	721,000	260,000
• Miscellaneous Buildings	86,000	58,000
Total	**$54,947,000** *	**$82,141,000**
• Priority A	19,219,000	19,997,000
• Priority B	30,953,000	53,542,000
• Priority C	4,688,000	8,543,000
• Priority D	86,000	58,000
Total	**$54,947,000** *	**$82,141,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	1,951,000	183,000	259,000	344,000
• Interior Architecture	1,776,000	448,000	493,000	556,000
• Electrical	850,000	398,000	408,000	360,000
• Mechanical	1,898,000	1,257,000	1,641,000	1,434,000
• Bulkheads	88,000	0		3,000
• Miscellaneous Buildings	18,000	7,000	7,000	7,000
• Elevators/Escalators	580,000	580,000	580,000	580,000
Total	**$7,161,000**	**$2,873,000**	**$3,388,000**	**$3,284,000**
• Priority A	1,967,000	183,000	259,000	344,000
• Priority B	4,078,000	2,333,000	2,651,000	2,402,000
• Priority C	1,098,000	350,000	471,000	531,000
• Priority D	18,000	7,000	7,000	7,000
Total	**$7,161,000**	**$2,873,000**	**$3,388,000**	**$3,284,000**

** 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	:	22
PIERS/BULKHEADS	:	5
MARINA	:	4
Total Assets in AIMS	:	**109**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	21,057,000	11,766,000
• Interior Architecture	5,418,000	7,234,000
• Electrical	1,959,000	17,428,000
• Mechanical	4,844,000	28,539,000
• Piers	214,000	70,000
• Bulkheads	440,000	
• Marina	805,000	
Total	**$34,738,000** *	**$65,038,000**
• Priority A	22,516,000	11,836,000
• Priority B	8,917,000	50,065,000
• Priority C	3,304,000	3,137,000
Total	**$34,738,000** *	**$65,038,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	2,838,000	411,000	358,000	131,000
• Interior Architecture	3,211,000	259,000	200,000	343,000
• Electrical	963,000	524,000	445,000	450,000
• Mechanical	2,106,000	859,000	1,380,000	943,000
• Piers	140,000		34,000	
• Bulkheads	5,000			0
• Elevators/Escalators	304,000	304,000	304,000	304,000
• Marina	46,000		85,000	10,000
Total	**$9,613,000**	**$2,357,000**	**$2,806,000**	**$2,180,000**
• Priority A	2,963,000	411,000	434,000	141,000
• Priority B	4,526,000	1,828,000	2,223,000	1,841,000
• Priority C	2,125,000	118,000	149,000	199,000
• Priority D				
Total	**$9,613,000**	**$2,357,000**	**$2,806,000**	**$2,180,000**

** 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	:	20
Total Assets in AIMS	:	**20**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	5,156,000	1,445,000
• Interior Architecture	2,225,000	1,232,000
• Electrical	293,000	1,922,000
• Mechanical	211,000	1,447,000
• Miscellaneous Buildings	246,000	80,000
Total	**$8,131,000** *	**$6,126,000**
• Priority A	5,156,000	1,445,000
• Priority B	622,000	3,565,000
• Priority C	2,108,000	1,036,000
• Priority D	246,000	80,000
Total	**$8,131,000** *	**$6,126,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	219,000	28,000	31,000	122,000
• Interior Architecture	227,000	43,000	23,000	75,000
• Electrical	134,000	22,000	20,000	29,000
• Mechanical	255,000	77,000	105,000	83,000
• Miscellaneous Buildings	11,000	4,000	6,000	14,000
• Elevators/Escalators	4,000	4,000	4,000	4,000
Total	**$851,000**	**$178,000**	**$188,000**	**$327,000**
• Priority A	219,000	28,000	31,000	122,000
• Priority B	445,000	114,000	140,000	138,000
• Priority C	175,000	32,000	11,000	53,000
• Priority D	11,000	4,000	6,000	14,000
Total	**$851,000**	**$178,000**	**$188,000**	**$327,000**

** 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 CENTER	:	5
Total Assets in AIMS	:	**10**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	238,000	87,000
• Interior Architecture	782,000	449,000
• Electrical		516,000
• Mechanical		486,000
Total	**$1,020,000** *	**$1,539,000**
• Priority A	238,000	87,000
• Priority B	97,000	1,139,000
• Priority C	686,000	313,000
Total	**$1,020,000** *	**$1,539,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	236,000	15,000	16,000	11,000
• Interior Architecture	177,000	36,000	37,000	39,000
• Electrical	42,000	26,000	14,000	12,000
• Mechanical	141,000	39,000	95,000	43,000
• Elevators/Escalators	45,000	45,000	45,000	45,000
Total	**$641,000**	**$161,000**	**$208,000**	**$150,000**
• Priority A	236,000	15,000	16,000	11,000
• Priority B	270,000	111,000	185,000	121,000
• Priority C	136,000	36,000	7,000	18,000
• Priority D				
Total	**$641,000**	**$161,000**	**$208,000**	**$150,000**

** 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 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	28,021,000	10,506,000
• Interior Architecture	10,281,000	8,660,000
• Electrical	1,062,000	7,487,000
• Mechanical	3,600,000	16,962,000
Total	**$42,964,000** *	**$43,614,000**
• Priority A	28,021,000	10,506,000
• Priority B	9,281,000	29,372,000
• Priority C	5,662,000	3,736,000
Total	**$42,964,000** *	**$43,614,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	1,792,000	161,000	293,000	128,000
• Interior Architecture	1,707,000	306,000	232,000	195,000
• Electrical	425,000	173,000	414,000	209,000
• Mechanical	1,201,000	525,000	860,000	550,000
• Elevators/Escalators	322,000	322,000	322,000	322,000
Total	**$5,446,000**	**$1,487,000**	**$2,121,000**	**$1,403,000**
• Priority A	1,792,000	161,000	293,000	128,000
• Priority B	2,402,000	1,128,000	1,643,000	1,096,000
• Priority C	1,253,000	198,000	185,000	179,000
• Priority D				
Total	**$5,446,000**	**$1,487,000**	**$2,121,000**	**$1,403,000**

** 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	:	5
RIKERS ISLAND UTILITIES	:	6
MARINA	:	1
Total Assets in AIMS	:	**41**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	72,805,000	27,736,000
• Interior Architecture	10,577,000	11,071,000
• Electrical	8,358,000	35,882,000
• Mechanical	26,556,000	51,442,000
• Piers	1,396,000	180,000
• Bulkheads	5,715,000	1,607,000
• Miscellaneous Buildings	608,000	260,000
• Rikers Island Utilities	10,701,000	
Total	**$136,717,000** *	**$128,178,000**
• Priority A	75,084,000	28,075,000
• Priority B	48,928,000	92,495,000
• Priority C	12,098,000	7,348,000
• Priority D	608,000	260,000
Total	**$136,717,000** *	**$128,178,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	335,000	94,000	217,000	42,000
• Interior Architecture	654,000	245,000	143,000	231,000
• Electrical	460,000	274,000	395,000	251,000
• Mechanical	1,026,000	545,000	907,000	563,000
• Piers	61,000		17,000	
• Bulkheads	91,000		4,000	
• Miscellaneous Buildings	18,000	11,000	26,000	11,000
• Elevators/Escalators	479,000	479,000	479,000	479,000
• Rikers Island Utilities	1,550,000	4,100,000	11,135,000	
• Marina	0		0	10,000
Total	**$4,674,000**	**$5,749,000**	**$13,322,000**	**$1,588,000**
• Priority A	767,000	444,000	567,000	52,000
• Priority B	3,421,000	5,085,000	12,628,000	1,309,000
• Priority C	467,000	208,000	101,000	216,000
• Priority D	18,000	11,000	26,000	11,000
Total	**$4,674,000**	**$5,749,000**	**$13,322,000**	**$1,588,000**

** 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	:	10
NON-SHELTERS	:	9
Total Assets in AIMS	:	**19**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	2,058,000	1,736,000
• Interior Architecture	2,053,000	890,000
• Electrical	579,000	1,508,000
• Mechanical	371,000	1,457,000
Total	**$5,061,000** *	**$5,591,000**
• Priority A	2,058,000	1,736,000
• Priority B	1,219,000	3,325,000
• Priority C	1,784,000	529,000
Total	**$5,061,000** *	**$5,591,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	462,000	31,000	96,000	34,000
• Interior Architecture	380,000	28,000	114,000	47,000
• Electrical	69,000	57,000	84,000	3,000
• Mechanical	257,000	130,000	198,000	120,000
• Elevators/Escalators	49,000	49,000	49,000	49,000
Total	**$1,217,000**	**$295,000**	**$541,000**	**$254,000**
• Priority A	462,000	31,000	96,000	34,000
• Priority B	509,000	248,000	384,000	180,000
• Priority C	247,000	16,000	61,000	40,000
• Priority D				
Total	**$1,217,000**	**$295,000**	**$541,000**	**$254,000**

** 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	:	64
CULTURAL FACILITIES	:	215
Total Assets in AIMS	:	**279**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	40,067,000	25,562,000
• Interior Architecture	18,173,000	22,672,000
• Electrical	1,737,000	17,517,000
• Mechanical	8,858,000	37,911,000
• Miscellaneous Buildings	912,000	648,000
Total	**$69,747,000** *	**$104,311,000**
• Priority A	40,067,000	25,562,000
• Priority B	17,865,000	58,385,000
• Priority C	10,903,000	19,716,000
• Priority D	912,000	648,000
Total	**$69,747,000** *	**$104,311,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	3,638,000	253,000	564,000	681,000
• Interior Architecture	4,262,000	523,000	1,459,000	740,000
• Electrical	1,178,000	370,000	442,000	482,000
• Mechanical	2,658,000	1,165,000	1,839,000	1,386,000
• Miscellaneous Buildings	895,000	98,000	164,000	119,000
• Elevators/Escalators	810,000	810,000	810,000	810,000
Total	**$13,441,000**	**$3,218,000**	**$5,279,000**	**$4,219,000**
• Priority A	3,638,000	253,000	564,000	681,000
• Priority B	5,966,000	2,611,000	3,392,000	2,966,000
• Priority C	2,942,000	256,000	1,158,000	452,000
• Priority D	895,000	98,000	164,000	119,000
Total	**$13,441,000**	**$3,218,000**	**$5,279,000**	**$4,219,000**

** 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 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	3,269,000	1,500,000
• Interior Architecture	882,000	866,000
• Electrical	456,000	1,171,000
• Mechanical	630,000	1,580,000
Total	**$5,237,000** *	**$5,117,000**
• Priority A	3,269,000	1,500,000
• Priority B	1,574,000	3,026,000
• Priority C	395,000	590,000
Total	**$5,237,000** *	**$5,117,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	65,000	53,000	10,000	
• Interior Architecture	200,000	42,000	95,000	48,000
• Electrical	75,000	28,000	26,000	24,000
• Mechanical	147,000	60,000	89,000	50,000
• Elevators/Escalators	30,000	30,000	30,000	30,000
Total	**$517,000**	**$211,000**	**$250,000**	**$152,000**
• Priority A	65,000	53,000	10,000	
• Priority B	346,000	117,000	175,000	122,000
• Priority C	106,000	42,000	65,000	30,000
• Priority D				
Total	**$517,000**	**$211,000**	**$250,000**	**$152,000**

** 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	:	79
PIERS/BULKHEADS	:	92
PARKING GARAGES	:	1
COURT BUILDINGS	:	1
Project Type : FERRIES AND AVIATION		
FERRY TERMINAL FACILITIES	:	1
Total Assets in AIMS	:	**178**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	55,015,000	30,325,000
• Interior Architecture	24,082,000	23,753,000
• Electrical	5,666,000	18,492,000
• Mechanical	1,816,000	25,095,000
• Piers	87,669,000	10,578,000
• Bulkheads	72,781,000	2,484,000
• Miscellaneous Buildings	214,000	19,000
Total	**$247,244,000** *	**$110,747,000**
• Priority A	189,012,000	40,419,000
• Priority B	41,483,000	49,761,000
• Priority C	16,535,000	20,548,000
• Priority D	214,000	19,000
Total	**$247,244,000** *	**$110,747,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	1,598,000	190,000	107,000	135,000
• Interior Architecture	1,368,000	190,000	449,000	108,000
• Electrical	1,240,000	255,000	101,000	122,000
• Mechanical	771,000	692,000	792,000	574,000
• Piers	518,000	35,000	1,382,000	12,000
• Bulkheads	952,000	6,000	718,000	18,000
• Miscellaneous Buildings	31,000	6,000	7,000	5,000
• Elevators/Escalators	405,000	405,000	405,000	405,000
Total	**$6,884,000**	**$1,779,000**	**$3,961,000**	**$1,380,000**
• Priority A	1,894,000	190,000	107,000	151,000
• Priority B	3,994,000	1,463,000	3,430,000	1,144,000
• Priority C	965,000	120,000	417,000	79,000
• Priority D	31,000	6,000	7,000	5,000
Total	**$6,884,000**	**$1,779,000**	**$3,961,000**	**$1,380,000**

** 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	:	18
Total Assets in AIMS	:	**18**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	6,883,000	2,190,000
• Interior Architecture	676,000	2,010,000
• Electrical	971,000	2,921,000
• Mechanical	1,536,000	6,147,000
Total	**$10,066,000** *	**$13,268,000**
• Priority A	6,883,000	2,190,000
• Priority B	2,950,000	10,196,000
• Priority C	233,000	881,000
Total	**$10,066,000** *	**$13,268,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	667,000	42,000	47,000	61,000
• Interior Architecture	627,000	47,000	68,000	117,000
• Electrical	371,000	50,000	24,000	49,000
• Mechanical	241,000	155,000	301,000	182,000
• Elevators/Escalators	216,000	216,000	216,000	216,000
Total	**$2,122,000**	**$509,000**	**$656,000**	**$625,000**
• Priority A	667,000	42,000	47,000	61,000
• Priority B	1,007,000	438,000	582,000	481,000
• Priority C	448,000	29,000	27,000	83,000
• Priority D				
Total	**$2,122,000**	**$509,000**	**$656,000**	**$625,000**

** 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	:	113
Total Assets in AIMS	:	**113**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	105,547,000	35,774,000
• Interior Architecture	28,473,000	35,486,000
• Electrical	16,539,000	84,203,000
• Mechanical	32,630,000	119,993,000
• Miscellaneous Buildings	302,000	156,000
Total	**$183,491,000** *	**$275,610,000**
• Priority A	105,547,000	35,774,000
• Priority B	62,952,000	214,088,000
• Priority C	14,690,000	25,593,000
• Priority D	302,000	156,000
Total	**$183,491,000** *	**$275,610,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	2,861,000	272,000	380,000	366,000
• Interior Architecture	2,592,000	1,468,000	1,315,000	803,000
• Electrical	1,939,000	985,000	1,425,000	1,279,000
• Mechanical	4,095,000	2,756,000	4,935,000	2,880,000
• Miscellaneous Buildings	58,000	18,000	21,000	19,000
• Elevators/Escalators	3,137,000	3,137,000	3,137,000	3,137,000
Total	**$14,682,000**	**$8,636,000**	**$11,214,000**	**$8,484,000**
• Priority A	2,861,000	272,000	380,000	366,000
• Priority B	9,883,000	7,147,000	9,942,000	7,392,000
• Priority C	1,880,000	1,199,000	870,000	708,000
• Priority D	58,000	18,000	21,000	19,000
Total	**$14,682,000**	**$8,636,000**	**$11,214,000**	**$8,484,000**

** 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	:	19
TRANSFER STATIONS	:	20
VEHICLE MAINT./STORAGE FACILITIES	:	36
INCINERATORS	:	1
FRESH KILLS FACILITIES	:	17
Total Assets in AIMS	:	**93**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	28,011,000	13,074,000
• Interior Architecture	11,009,000	10,548,000
• Electrical	851,000	5,607,000
• Mechanical	5,121,000	16,843,000
• Piers	15,262,000	3,733,000
• Bulkheads	13,208,000	147,000
• Miscellaneous Buildings	96,000	21,000
Total	**$73,558,000** *	**$49,972,000**
• Priority A	47,458,000	16,826,000
• Priority B	19,377,000	23,138,000
• Priority C	6,626,000	9,987,000
• Priority D	96,000	21,000
Total	**$73,558,000** *	**$49,972,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	1,409,000	66,000	222,000	49,000
• Interior Architecture	1,457,000	88,000	239,000	134,000
• Electrical	646,000	56,000	406,000	83,000
• Mechanical	1,094,000	414,000	860,000	423,000
• Piers	560,000	30,000	1,127,000	83,000
• Bulkheads	318,000	1,000	169,000	0
• Miscellaneous Buildings	87,000	7,000	11,000	6,000
• Elevators/Escalators	103,000	103,000	103,000	103,000
Total	**$5,674,000**	**$765,000**	**$3,137,000**	**$881,000**
• Priority A	1,659,000	66,000	222,000	49,000
• Priority B	2,875,000	627,000	2,716,000	703,000
• Priority C	1,054,000	65,000	188,000	123,000
• Priority D	87,000	7,000	11,000	6,000
Total	**$5,674,000**	**$765,000**	**$3,137,000**	**$881,000**

** 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	:	36
HIGHWAY BRIDGES AND TUNNELS	:	2
Project Type : FERRIES AND AVIATION		
FERRIES/BARGES	:	7
PIERS/BULKHEADS	:	6
FERRY TERMINAL FACILITIES	:	15
Project Type : ELECTRIC CONTROL		
STREET LIGHTING SYSTEMS	:	1
Project Type : HIGHWAY BRIDGES		
BRIDGES, WATERWAYS	:	1
HIGHWAY BRIDGES AND TUNNELS	:	77
Project Type : HIGHWAYS		
PIERS/BULKHEADS	:	7
HIGHWAY FACILITIES	:	43
PIER FACILITIES	:	5
PARKING GARAGES	:	2
STREET AND CITY OWNED ARTERIALS	:	5
Project Type : TRAFFIC		
PARKING GARAGES	:	5
TRAFFIC SIGNAL SYSTEMS	:	1
Total Assets in AIMS	:	**213**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	7,879,000	9,185,000
• Interior Architecture	2,590,000	5,477,000
• Electrical	1,271,000	2,279,000
• Mechanical	303,000	3,856,000
• Piers	6,756,000	3,034,000
• Bulkheads	53,557,000	715,000
• Bridges Structure	924,341,000	194,335,000
• Ferries	32,400,000	
• Miscellaneous Buildings	5,306,000	187,000
• Primary Streets	344,720,000	
• Secondary Streets	476,910,000	
• Local Streets	869,460,000	
• Arterial Streets	13,800,000	
• Step Streets	2,820,000	
• Bridge Electrical	2,339,000	3,348,000
• Bridge Mechanical	17,106,000	3,292,000
Total	**$2,761,559,000** *	**$225,710,000**

** 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	923,067,000	100,568,000
• Priority B	901,231,000	87,436,000
• Priority C	929,134,000	37,518,000
• Priority D	8,126,000	187,000
Total	**$2,761,559,000** *	**$225,710,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	501,000	84,000	46,000	17,000
• Interior Architecture	280,000	23,000	4,000	32,000
• Electrical	175,000	52,000	95,000	23,000
• Mechanical	192,000	93,000	183,000	81,000
• Piers	177,000		411,000	
• Bulkheads	202,000	4,000	100,000	1,000
• Bridges Structure	27,564,000	8,476,000	19,368,000	14,137,000
• Ferries	2,350,000	1,950,000	2,700,000	2,350,000
• Miscellaneous Buildings	45,000	27,000	33,000	26,000
• Primary Streets				
• Secondary Streets				
• Local Streets				
• Arterial Streets				
• Step Streets				
• Elevators/Escalators	50,000	50,000	50,000	50,000
• Bridge Electrical	607,000	125,000	130,000	70,000
• Bridge Mechanical	410,000		70,000	
• Traffic Signal System	25,739,000	25,739,000	25,739,000	25,739,000
• Street Lighting System	21,946,000	21,946,000	21,946,000	21,946,000
Total	**$80,237,000**	**$58,570,000**	**$70,874,000**	**$64,472,000**
• Priority A	67,856,000	56,526,000	62,535,000	60,509,000
• Priority B	9,210,000	1,375,000	7,261,000	3,311,000
• Priority C	3,126,000	642,000	1,046,000	626,000
• Priority D	45,000	27,000	33,000	26,000
Total	**$80,237,000**	**$58,570,000**	**$70,874,000**	**$64,472,000**

** 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

PIERS/BULKHEADS	:	74
VEHICLE MAINT./STORAGE FACILITIES	:	8
LARGE PARK FACILITIES	:	246
MAJOR PARK FACILITIES	:	119
REGIONAL PARK FACILITIES	:	311
STADIUM FACILITIES	:	6
MARINA	:	21
Total Assets in AIMS	:	**785**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	33,543,000	26,047,000
• Interior Architecture	12,452,000	12,862,000
• Electrical	1,066,000	12,335,000
• Mechanical	2,909,000	25,738,000
• Piers	5,574,000	3,478,000
• Bulkheads	156,261,000	6,150,000
• Parks' Walls	3,302,000	247,000
• Parks' Boardwalks	17,585,000	13,232,000
• Miscellaneous Buildings	24,764,000	2,943,000
• Parks' Water and Sewer Utilities	53,612,000	80,418,000
• Parks' Electrical Utilities	15,844,000	23,766,000
• Parks' Streets and Roads	38,232,000	9,873,000
• Park Bridges	2,430,000	744,000
• Marina	7,202,000	12,031,000
Total	**$374,775,000** *	**$229,863,000**
• Priority A	213,104,000	80,349,000
• Priority B	80,189,000	123,831,000
• Priority C	18,486,000	12,866,000
• Priority D	62,996,000	12,816,000
Total	**$374,775,000** *	**$229,863,000**

** 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 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	4,564,000	383,000	379,000	289,000
• Interior Architecture	2,733,000	372,000	379,000	139,000
• Electrical	1,716,000	532,000	520,000	510,000
• Mechanical	1,987,000	828,000	1,353,000	947,000
• Piers	389,000	0	443,000	
• Bulkheads	738,000	8,000	427,000	110,000
• Parks' Walls	234,000			
• Parks' Boardwalks	157,000		41,000	57,000
• Miscellaneous Buildings	2,378,000	685,000	710,000	631,000
• Parks' Water and Sewer Utilities	1,340,000	1,340,000	1,340,000	1,340,000
• Parks' Electrical Utilities	396,000	396,000	396,000	396,000
• Elevators/Escalators	158,000	158,000	158,000	158,000
• Parks' Streets and Roads				
• Park Bridges	1,463,000	14,000	66,000	303,000
• Marina	706,000	62,000	106,000	221,000
Total	**$18,959,000**	**$4,778,000**	**$6,318,000**	**$5,101,000**
• Priority A	6,220,000	423,000	500,000	619,000
• Priority B	7,859,000	3,322,000	4,741,000	3,667,000
• Priority C	2,502,000	347,000	366,000	183,000
• Priority D	2,378,000	685,000	710,000	631,000
Total	**$18,959,000**	**$4,778,000**	**$6,318,000**	**$5,101,000**

** 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 : ECONOMIC DEVELOPMENT		
PIERS/BULKHEADS	:	6
Project Type : POLICE		
POLICE BUILDINGS NON-PRECINCT	:	1
Project Type : PUBLIC BUILDINGS		
PUBLIC OFFICE BUILDINGS	:	23
Project Type : REAL ESTATE		
TERMINALS/MARKETS	:	4
PIERS/BULKHEADS	:	25
Total Assets in AIMS	:	**81**

Report on Estimated Cost for Repairs, Replacements, Major Maintenance

CAPITAL BUDGET	FY 2007 - 2010	FY 2011 - 2016
• Exterior Architecture	46,185,000	23,577,000
• Interior Architecture	36,192,000	41,844,000
• Electrical	8,258,000	66,324,000
• Mechanical	11,961,000	82,544,000
• Piers	9,142,000	6,546,000
• Bulkheads	15,710,000	987,000
Total	**$127,449,000** *	**$221,821,000**
• Priority A	66,378,000	29,853,000
• Priority B	34,128,000	161,501,000
• Priority C	26,943,000	30,467,000
Total	**$127,449,000** *	**$221,821,000**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
• Exterior Architecture	1,221,000	251,000	315,000	300,000
• Interior Architecture	2,986,000	711,000	1,303,000	1,894,000
• Electrical	710,000	554,000	506,000	452,000
• Mechanical	3,522,000	2,990,000	3,895,000	3,010,000
• Piers	348,000	96,000	322,000	96,000
• Bulkheads	236,000	38,000	133,000	32,000
• Elevators/Escalators	4,338,000	4,338,000	4,338,000	4,338,000
Total	**$13,361,000**	**$8,978,000**	**$10,813,000**	**$10,122,000**
• Priority A	1,382,000	251,000	315,000	300,000
• Priority B	9,305,000	8,170,000	9,337,000	7,962,000
• Priority C	2,673,000	557,000	1,161,000	1,860,000
• Priority D				
Total	**$13,361,000**	**$8,978,000**	**$10,813,000**	**$10,122,000**

** 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
3.4.14	Mechanical	Plumbing	Non-Water Piping	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
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
5.2.5	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
6.1.1	Bridges	Abutments	Bridge Seat&pedestals	A
6.1.7	Bridges	Abutments	Backwall	C
6.1.9	Bridges	Abutments	Brngs,Ancr Blts,Pads	A
6.1.17	Bridges	Abutments	Joint with Deck	B
6.1.20	Bridges	Abutments	Mat (scour & erosion)	B
6.1.24	Bridges	Abutments	Pedestals	A
6.1.31	Bridges	Abutments	Stem (breastwall)	B
6.1.32	Bridges	Abutments	Walls	A
6.2.20	Bridges	Wingwalls	Mat (scour & erosion)	C
6.2.32	Bridges	Wingwalls	Walls	C
6.3.8	Bridges	Stream Channel	Bank Protection	C
6.3.20	Bridges	Stream Channel	Mat (scour & erosion)	A
6.3.44	Bridges	Stream Channel	Pier Protection	B

D.S.C.	Discipline (D)	System (S)	Component (C)	Priority
6.4.4	Bridges	Approaches	Pavement	C
6.4.11	Bridges	Approaches	Curbs	A
6.4.13	Bridges	Approaches	Embankment	C
6.4.16	Bridges	Approaches	Guide Railing	A
6.4.20	Bridges	Approaches	Mat (scour & erosion)	A
6.4.30	Bridges	Approaches	Sidewalks/Fascias	C
6.5.2	Bridges	Piers	Cap Beam	A
6.5.5	Bridges	Piers	Pier,Columns	B
6.5.6	Bridges	Piers	Stem,Solid Pier	B
6.5.9	Bridges	Piers	Brngs,Ancr Blts,Pads	A
6.5.14	Bridges	Piers	Footings	B
6.5.20	Bridges	Piers	Mat (scour & erosion)	A
6.5.24	Bridges	Piers	Pedestals	B
6.6.11	Bridges	Deck Elements	Curbs	A
6.6.15	Bridges	Deck Elements	Gratings	A
6.6.16	Bridges	Deck Elements	Guide Railing	A
6.6.21	Bridges	Deck Elements	Median	A
6.6.22	Bridges	Deck Elements	Mono Deck Surface	C
6.6.28	Bridges	Deck Elements	Railings/Parapets	A
6.6.30	Bridges	Deck Elements	Sidewalks/Fascias	C
6.6.33	Bridges	Deck Elements	Wearing Surface	C
6.7.12	Bridges	Superstructure	Deck,Structural	A
6.7.18	Bridges	Superstructure	Joints	C
6.7.27	Bridges	Superstructure	Primary Member	A
6.7.29	Bridges	Superstructure	Secondary Member	B
6.7.50	Bridges	Superstructure	Vertical Lift Tower	A
6.8.45	Bridges	Movable Bridges	Swing Span Truss	A
6.8.46	Bridges	Movable Bridges	Swing Span Pivot Pier	A
6.8.47	Bridges	Movable Bridges	Bascule Span	A
6.8.48	Bridges	Movable Bridges	Bascule Span Pier	A
6.8.49	Bridges	Movable Bridges	Vertical Lift Span	A
6.8.50	Bridges	Movable Bridges	Vertical Lift Tower	A
6.8.51	Bridges	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
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

D.S.C.	Discipline (D)	System (S)	Component (C)	Priority
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
12.13.2	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

D.S.C.	Discipline (D)	System (S)	Component (C)	Priority
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	Marina	Access Walkways	Deck	A
14.1.5	Marina	Access Walkways	Gangways	B
14.1.8	Marina	Access Walkways	Pile Caps	A
14.1.11	Marina	Access Walkways	Piles and Bracing	A
14.1.15	Marina	Access Walkways	Fender Piles,Wales/Chocks	A
14.2.1	Marina	Floating Docks	Anchor Piles	A
14.2.2	Marina	Floating Docks	Deck	A
14.2.3	Marina	Floating Docks	Fenders	C
14.2.4	Marina	Floating Docks	Floats/Frames	A
14.2.7	Marina	Floating Docks	Mooring Piles	B
14.2.16	Marina	Floating Docks	Barge	A
14.3.11	Marina	Launch/Haulout	Piles and Bracing	A

D.S.C.	Discipline (D)	System (S)	Component (C)	Priority
14.3.12	Marina	Launch/Haulout	Ramp	B
14.3.13	Marina	Launch/Haulout	Runway	A
14.4.6	Marina	Protective Structure	Ice Breaker	A
14.4.9	Marina	Protective Structure	Piles Cluster	C
14.4.14	Marina	Protective Structure	Wave Breaker	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

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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.

Note on City Vessels Maintenance:

The City's major vessels owned by DOT require regular maintenance in order to satisfy U.S. Coast Guard, other regulatory agencies, and operating requirements. Such costs and tasks have been identified by the agency and are included in this report.

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. 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 DOT's marine vessels and DOC's underground utilities were provided by the respective agencies.

Agency	Special Systems
Department of Transportation (DOT) FY 2006	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 2006	Street and City Owned Arterial System • *report produced by DOT*
Department of Transportation (DOT) FY 2006	Street Lighting System • *agency contract information*
Department of Transportation (DOT) FY 2006	Traffic Signal System • *agency contract information*
Department of Transportation (DOT) FY 2006	Ferries • *agency contract information*
Parks Department (DPR) FY 2006	Underground Utilities • *narrative report submitted on electrical, sewer, and water utilities*
Parks Department (DPR) FY 2006	Streets and Roads in Parks • *narrative report submitted*
Department of Correction (DOC) FY 2006	Rikers Island Underground Utilities • *yearly report based on agency information*

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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] Agency's Number: [8]
Program/Asset #: [4] Yr Built/Renovated: [9]
Area Sq Ft: [5] Project Type: [10]
Date of Survey: [6] Landmark Status: [11]
Areas Surveyed: [7]

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 : 03-Oct-2005

DEPT. OF HEALTH & MENTAL HYGIENE - FY 2006

Asset Name : **EAST HARLEM DISTRICT HEALTH CTR**
Address : **148 EAST 115 STREET**
Borough : **MANHATTAN**
Program / Asset # : **HEA0002.000 / 1998**
Area Sq Ft : **47,468**
Date of Survey : **10-May-2005**
Areas Surveyed : **Basement, Roof, Floors 1,2,4**

Agency's Number : **N/A**
Yr Built/Renovated : **1937 / 1993**
Project Type : **HEALTH**
Landmark Status : **NONE**

CAPITAL BUDGET	FY 2007 - 2010	FY 2011 - 2016
Exterior Architecture	$292,900	$242,400
Interior Architecture	$40,700	
Electrical		$207,200
Mechanical		$54,800
Total	**$333,600**	**$504,400**
Priority A	$292,900	$242,400
Priority B	$40,700	$262,000
Total	**$333,600**	**$504,400**

EXPENSE BUDGET	FY 2007	FY 2008	FY 2009	FY 2010
Exterior Architecture	$40,600		$10,200	
Interior Architecture	$72,400	$1,900	$1,300	$3,400
Electrical	$55,000		$200	
Mechanical	$15,700	$6,000	$7,200	$4,500
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$191,600**	**$15,800**	**$26,700**	**$15,800**
Priority A	$40,600		$10,200	
Priority B	$98,000	$13,900	$15,300	$12,900
Priority C	$52,900	$1,900	$1,300	$2,900
Total	**$191,600**	**$15,800**	**$26,700**	**$15,800**

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
EAST HARLEM DISTRICT HEALTH CTR
Asset # : 1998

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								
Masonry: Brick	90%	Now	$151,400	LIFE	* *	5	$52,500	A
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Corners								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$4,400	A
Masonry: Limestone	5%	Now	$15,700	LIFE	* *	5	$2,200	A
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Horizontal Bands								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Horizontal Bands								
Windows								
Aluminum	90%			2024	* *	5	$13,900	A
Steel	10%	4+	$77,300	2031	* *	5	$9,600	A
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Bulkheads								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Bulkheads								
Parapets								
Masonry: Brick	95%	Now	$64,100	LIFE	* *	5	$5,600	A
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Penthouse								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Along 4th Floor Windows On South Facade								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Corners								
Metal Rail	5%			2019	* *	5-10	$5,300	A
Roof								
Modified Bitumen	95%	Now	$19,000	2016	$189,800			A
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Corridor Near Room 409								
Skylight, Metal/Glass	5%	Now	$3,700	2026	* *			A
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$22,300	C
Ceramic Tile	5%			2044	* *	5	$2,600	C
Terrazzo	10%			LIFE	* *	5	$8,000	C
Vinyl Tile	45%			2031	* *	3	$11,500	C
Vinyl Tile	25%			2044	* *	3	$4,800	C
Vinyl Tile	5%			2044	* *	3	$1,000	C

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
EAST HARLEM DISTRICT HEALTH CTR
Asset # : 1998

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
Interior								
Interior Walls								
Glass: Single Pane	3%			LIFE	* *	5	$2,900	C
Marble Panels	2%			LIFE	* *	10	$500	C
Plaster	80%			LIFE	* *	5-10	$43,500	C
Water Penetration, Extent : Light, Area Affected : 15%								
Location : Rooms 413, 417								
SGFT/Glazed Masonry	15%			LIFE	* *	10	$4,800	C
Ceilings								
AcousTileSusp.Lay-In	2%			2025	* *	5	$1,000	B
Exposed Concrete	15%			LIFE	* *	5-10	$9,600	B
Gypsum Board	10%			LIFE	* *	5-10	$17,500	B
Plaster	73%			LIFE	* *	5-10	$64,000	B
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Corridor Near Room 409								

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%			2016	$4,400	5	$200	B
Switchgear								
Molded Case Bkrs	100%			2016	$51,100	5	$1,000	B
Raceway								
Conduit	90%			2016	$27,300	1		B
Conduit	10%			2036	* *	1		B
Panelboards								
Fused Toggle Switch	70%	2-4	$20,300	2041	* *	5	$300	B
On Extended Life, Extent : Moderate, Area Affected : 100%								
Molded Case Bkrs	10%			2032	* *	5	$100	B
Molded Case Bkrs	20%			2024	* *	5	$200	B
Wiring								
Braided Cloth	50%	2-4	$16,800	2041	* *	1		B
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	10%			2036	* *	1		B
Thermoplastic	20%			2026	* *	1		B
Thermoplastic	20%			2016	$6,700	1		B
Motor Controllers								
Locally Mounted	40%			2021	* *	5	$100	B
Locally Mounted	40%			2014	$8,900	5	$100	B
Locally Mounted	20%	2-4	$4,400	2036	* *	5		B
On Extended Life, Extent : Moderate, Area Affected : 100%								
Ground								

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
EAST HARLEM DISTRICT HEALTH CTR
Asset # : 1998

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
Ground								
Grounding Devices								
Generic	100%	2-4	$800	LIFE	* *	5	$600	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
General Lighting								
Fluorescent	10%			2021	* *	10	$3,100	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : T8 Lamps								
Fluorescent	50%			2016	$86,700	10	$15,600	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement, Upper Floors								
Explanation : T12 Lamps								
Fluorescent	40%			2011	$69,400	10	$12,500	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : T12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2021	* *	10	$4,100	B
Exit, Hardwired	50%			2021	* *	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%			2036	* *	1		B
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	$33,800	B
Distribution								
Steam Piping/Pump	100%			2036	* *	4	$2,500	B
Terminal Devices								
Convector/Radiator	80%			2029	* *	1	$8,800	B
Fan Coil Unit/Heat	20%			2021	* *	1	$2,200	B
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		B
Conversion Equipment								
Window/Wall Unit	80%			2014	$54,800	1		B
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$30,100	B

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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPT. OF HEALTH & MENTAL HYGIENE - 816
EAST HARLEM DISTRICT HEALTH CTR
Asset # : 1998

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
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2021	* *	1		B
Hot Water Heater								
Gas Fired	100%			2015	$7,800	2	$500	B
Sanitary Piping								
Cast Iron	100%			2026	* *	1		B
Storm Drain Piping								
Cast Iron	100%			2026	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2016	$8,800	4	$2,000	B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 100%								
Location : B-4								
Explanation : Two Units								

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.*