

EDMONTON PUBLIC SCHOOLS

May 21, 2002

TO: Board of Trustees

FROM: A. McBeath, Superintendent of Schools

SUBJECT: 2002 Major Maintenance Plan

ORIGINATOR: G. Reynolds, Department Head

RESOURCE

STAFF: Lorraine Boggs, Mike Brown, Fred Buffi, Bob Clark, Dick Divine, Brian Fedor, Betty Matwichuk, Peter Onyschuk, Ron Spence, Sandra Stoddard

INFORMATION

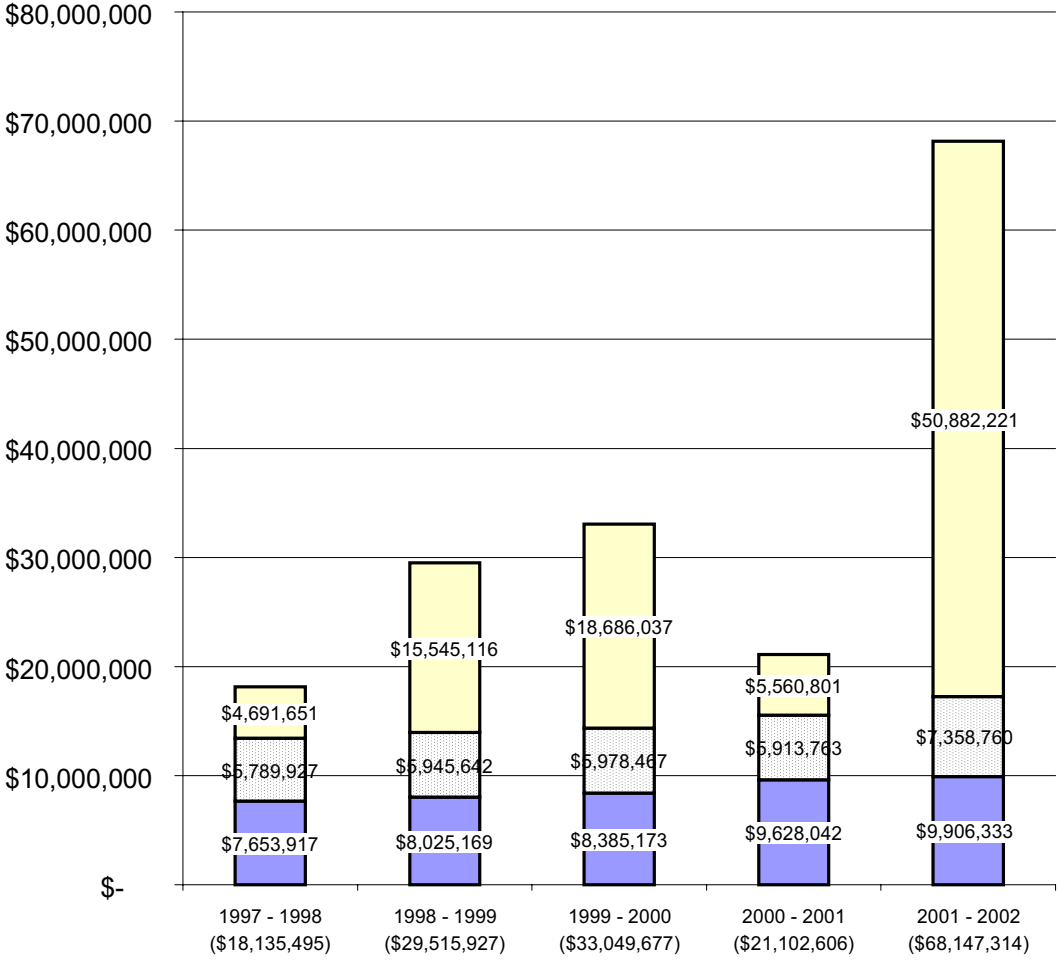
Major maintenance of, and minor upgrades to district facilities are accomplished through the district's Major Maintenance Plan (MMP) which is funded by the government Building Quality Restoration Program (BQRP). The Major Maintenance Plan is one element of the available funding sources for the maintenance of facilities. The funding sources are:

- Operational funds which are allocated from the operating budget of the district and are determined by government formula under the plant operations and maintenance category
- Building Quality Restoration Program (BQRP) funds
- Capital Project funds

The funding sources for a five year period are shown in the graph on page two. The MMP is funded by a block grant provided by Alberta Infrastructure through the Building Quality Restoration Program (BQRP). The annual BQRP funding is allocated by the province using a block funding formula based 75% on student enrolment and 25% on the area of school facilities used by students and staff.

The district's 2002-2003 B.Q.R.P. allocation is \$5,879,003. This is a reduction of \$1,479,757 (20%) from the 2001-2002 funding level of \$7,358,760. Projects to be included in the Major Maintenance Plan are identified for consideration by receiving input from schools, facilities staff and regulatory agencies. Project requests from schools and Facilities continue to exceed available funding. The plan reflects, therefore, the highest district need. The priorities and categories of projects have been developed with input from principals, and have been found to assist principals with recognizing both district needs and the comparative needs from school to school. The development of the maintenance plan has involved over 80 principals in the last eight years, and will continue to rely on principal involvement in the development of the plan and prioritization of projects.

SOURCES OF FACILITIES FUNDING



■ Operating
 Major Maintenance Plan
 Capital Projects

The development of the 2002 Major Maintenance Plan involved input from school principals and the direct involvement of six principals who participated on a committee to develop the final version.

To ensure that all schools have the opportunity to provide input, a procedure is included in the budget process. Information has been provided to each school identifying scheduled (approved) capital projects in the school. In addition, schools have been provided with information regarding the facility needs they have previously identified. Schools have been requested to review their needs, add or delete projects, and prioritize the projects from the school's perspective on an annual basis.

Renewal of major building elements such as re-roofing are dealt with on a life-cycle replacement and condition assessment basis, thereby distributing the financial obligation over a number of years. This approach ensures that the district's physical assets are reasonably maintained through an annual financial commitment of \$3.5 – \$4.0 million. The funds remaining from the BQRP block grant can then be directed towards other eligible needs, such as physical upgrades to enhance educational program delivery.

The 2002 Major Maintenance Plan has been reviewed to establish whether previously identified projects are consistent with current priorities. The resultant 2002 Major Maintenance Plan is attached (Appendix I). Projects are identified and listed in accordance with district categories and priorities. An amount of \$650,000 has been identified for emergent needs such as furnace failures and water main replacements.

Highlights

- Facilities Services has centrally allocated funding to continue the air system maintenance program, which is designed to improve indoor air quality through a two stage cleaning of air systems. The first stage addresses the cleaning of air coils, reheat coils and univents which are often the main contributors to decreased air quality. An assessment of air quality and airflow will then take place and where necessary, air ducting systems will be cleaned. The program is being carried out on a scheduled basis. A four-year schedule has been developed for stage one and was included in the 2001 MMP. The program is at no cost to the schools. This is year two of the program.
- In June of 1999, the district employed the services of an external consultant to undertake an assessment of hazardous materials (primarily asbestos) in all district buildings. All building assessments have been completed and reports issued to schools. Facilities Services has initiated the asbestos management program. The asbestos abatement projects within the 2002 MMP were identified through the assessments.
- The 2002 MMP continues to partially fund the relighting program for schools. This is a joint venture involving our partnership with EPCOR. The intent is to improve student learning environments and reduce energy costs. Three schools were completed in 2001.
- All the projects identified in the 2001 Major Maintenance Plan have been completed. The plan is attached as information (Appendix II). The district received an increase of \$1.4 million from the anticipated allocation of \$5.9 million for the 2001 plan. The projects completed with the increase are shown in bold in the 2001 MMP listing on pages 20 through 23.

- In order to assist the district in the management of district assets, a five-year life-cycle replacement program is included with the MMP. This program will provide information to the schools that will assist them in making decisions relative to maintenance expenditures and to allow the schools to undertake longer term planning for the management of the building (Appendix III). The actual projects may vary depending on government funding levels and changes in district priorities.
- Should any of the schools listed in the 2002 MMP be approved for modernization funding by Alberta Infrastructure, the work scheduled for that school(s) will be removed from the Major Maintenance Plan and the work will be incorporated into the applicable modernization.
- Projects that had been deferred pending the results of the Concept Development Studies have been reinstated into their previous position within the plan.

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APPENDIX I - 2002 Major Maintenance Plan

APPENDIX II - 2001 Major Maintenance Plan

APPENDIX III - Proposed Five-Year Life-Cycle Replacement Program

2002 MAJOR MAINTENANCE PLAN

Some projects have been deferred as a result of higher priority projects that have come to light or where deterioration of deficient conditions has accelerated. Bolded entries are new ones that have been added to the 2002 preliminary plan presented to board last year.

Life, Health and Safety

Fire Code Upgrades

These are on-going projects to upgrade the district’s fire alarm systems and other safety provisions in schools such as smoke and heat detectors.

Dickinsfield	fire code upgrading
Evansdale	fire code upgrading
John Barnett	fire code upgrading
LaPerle	fire code upgrading
Various	Emergency Response Department lock boxes

Security System Replacements

This is an on-going program to replace school security systems. The security system, in Lago Lindo School is obsolete, therefore it has been advanced from within the five year plan.

Avalon	Kirkness
Bannerman	Lago Lindo
Crawford Plains	LaPerle
Killarney	

Intercom System Replacements

This is an on-going program to upgrade intercom systems. The system cabling at Dan Knott School is deteriorated and has been advanced within the plan. Eastwood and Hillview school systems have incurred excessive maintenance costs and have also been advanced from within the five year plan.

Belmead	Glengarry	Woodcroft
Dan Knott	Grace Martin	
Eastwood	Hillview	
Elmwood	Queen Alexandra	

Asbestos Removals

These are on-going projects within the asbestos management program and are identified annually based on need. It is intended to continue the management program until all the asbestos in the district’s buildings has been removed. Projects are based on the results of hazardous materials assessment of all district schools that commenced in the spring of 1999.

Abbott	Replace ceiling tiles
Afton	Replace ceiling tiles
Dan Knott	Replace ceiling tiles – Phase II
McKee	Replace ceiling tiles
North Edmonton	Asbestos abatement – Phase I
Various	Unidentified at this time
W.P. Wagner	Asbestos abatement in boiler room

Washroom Upgrades

These are on-going projects based on need.

Brightview	Replace sinks
Dunluce	Replace sinks
Elmwood	Replace sinks
Lago Lindo	Replace sinks
Princeton	Replace sinks
Westmount	Replace sinks

The estimated cost of life and health safety projects is \$1,189,500.

Building Envelope

Re-Roofing

These are on-going projects based on life-cycle replacement and condition assessment.

Aldergrove	Reroofing of pods
Capilano	Reroofing of Area 1
Evansdale	Reroofing of area 1
Glengarry	Reroofing of gym
Harry Ainlay	Reroofing of areas 4 and 6
Lawton	Reroofing of area 2
Malcolm Tweddle	Reroofing
Rundle	Reroofing
Tipaskan	Upgrade building envelope
Waverley	Reroofing

Window Replacement

These are on-going projects based on need.

Capilano Phase I
Glenora Phase I
Sherbrooke Phase I

Exterior Door Replacement

These are on-going projects based on need. Forest Heights and Lawton were deferred from the 2001 MMP.

Eastwood
Elmwood
Forest Heights
High Park
Lawton

The estimated cost of building envelope projects is \$1,874,003.

Building Systems and Components

Mechanical Heating System Replacements

This is an on-going program to replace obsolete heating systems. This will reduce energy and maintenance costs and provide a better level of temperature control to classrooms.

J.A. Fife Replace gas fired roof top units.

Mechanical System Upgrading

This is an on-going program to replace obsolete plumbing, drainage and ventilation systems and to reduce energy consumption. Virginia Park School was deferred from the 2001 MMP.

Abbott	Replace energy management system
Afton	Replace energy management system
Brightview	Replace energy management system
Harry Ainlay	Retube boiler
John Barnett	Install heating in music room
Mary Butterworth	Replace energy management system
McKee	Replace energy management system
McKernan	Install weeping tile
Old Scona	Upgrade building envelope
Riverbend	Replace hot water storage tank
Virginia Park	Install weeping tile
Westmount	Replace galvanized water piping

Structural Repairs

This is an on-going program based on need.

Eastwood	Replace main entrance stairs
Glengarry	Exterior canopy structural repairs
Wellington	Foundation repairs

Electrical System Replacements

Main electrical service replacements for 2002 have been jointly identified by the district and EPCOR. The projects are completed utilizing a cost sharing arrangement with EPCOR.

Grandview Heights	Meadowlark
Holyrood	Mount Pleasant
Laurier Heights	

Flooring

This is an on-going program to replace flooring that is no longer maintainable.

Avalon	Replace carpet Phase II
Baturyn	Replace pod flooring
Belmead	Replace carpet
Braemar	Replace flooring
Hillview	Replace carpet
Laurier Heights	Replace flooring
Lorelei	Replace carpet
Mee-Yah-Noh	Replace flooring
Rio Terrace	Replace carpet Phase II

The estimated cost of building systems and components projects is \$1,457,000.

Delivery of Educational Programming

Acoustics

Malmo	Replace gymnasium acoustics
McNally	Replace gymnasium acoustics

The estimated cost of educational programming is \$70,000.

Lighting Upgrades

This is the continuation of the program to improve the lighting in teaching spaces, corridors and administration areas. This program is implemented jointly with the district's Sustained Energy Management Program (S.E.M.P.) in partnership with EPCOR. Gold Bar, Forest Heights and Minchau were completed in 2001. Lighting upgrades are planned for 22 sites this year.

Afton	Fulton Place	Patricia Heights
Brander Gardens	Glengarry	Princeton
Brightview	Glenora	Ross Sheppard
Caernarvon	Holyrood	Sherbrooke
Capilano	Lauderdale	Strathearn
D.S. Mackenzie	McKee	Waverley
Delwood	Mee-Yah-Noh	
Dunluce	Ormsby	

Funding for the lighting upgrades is anticipated from other sources and this is provided as information only.

Wheelchair Accessibility and Special Needs Upgrading

These projects typically include the provision of elevators, wheelchair ramps and other specific needs. It is intended to focus on the needs of specific district sites in future years until all district sites have been upgraded.

Sites to be identified	Interactions site upgrading
L'Académie Vimy Ridge Academy	Install lift for special needs

The estimated cost of special needs upgrading is \$62,000.

Modernizations

These projects are used to complement the scope of work on approved major modernizations funded by Alberta Infrastructure through the district's capital plan.

Grandview Heights	Replace main electrical service
Meyonohk	Replace flooring
Ottewell	Reroofing
Ottewell	Asbestos abatement
Westminster	Asphalt parking area

The estimated cost of the modernization supplementary projects is \$486,000.

Site Improvements

These projects typically include the provision of, or the improvement to, site drainage, drop-off lanes, parking lots and paved play areas.

George H. Luck	Improve site drainage
John Barnett	Replace sidewalks
Malmo	Replace sidewalks
M.E. LaZerte	Asphalt driveway
Steele Heights	Replace sidewalks

It is anticipated that the district and the City of Edmonton will cost share the asphalt driveway construction at M.E. LaZerte School. The total estimated cost of the site improvements is \$90,500.

Emergent Needs

In addition to the project categories listed above, emergent replacement of mechanical components such as furnace heat exchangers, hot water tanks and water lines are dealt with on an emergent basis.

The estimated cost for emergent projects is \$650,000.

Exterior Paint Program

The allocation for the district's exterior paint program is \$420,000 and is retained centrally in the Facilities Services-Maintenance budget. **These projects are not funded by the BQRP.**

The exteriors of the following facilities are scheduled to be painted in the 2002-2003 budget year.

Afton	Glendale	Steele Heights
Belgravia	Hardisty	Steinhauer
Capilano	John Barnett	Talmud Torah
Coronation	Kenilworth	Thorncliffe
D.S. MacKenzie	Malcolm Tweddle	Westlawn
Delton	Mount Royal	Westmount
Delwood	Parkdale	
Ellerslie Campus	Queen Alexandra	
Garneau	Queen Elizabeth	

The exterior of 10 freestanding portables will also be painted.

Air System Maintenance Program

The allocation for the district's Air System Maintenance Program is \$250,000 and is administered centrally in the Facilities Services budget. **These projects are not funded by the BQRP.**

Abbott	Holyrood	Overlanders
Afton	Homesteader	Parkview
Aldergrove	Horse Hill	Pollard Meadows
Argyll Home Education Centre	J. Percy Page	R. J. Scott
Avonmore	James Gibbons	Rundle
Beacon Heights	Jasper Place	Rutherford
Bellevue	John D. Bracco	S. Bruce Smith
Belmont	Julia Kiniski	Sakaw
Bisset	Kameyosek	Satoo
Braemar	Kate Chegwin	Sherwood
Capilano	Kenilworth	Sifton
Centennial	Kirkness	Strathearn
Clara Tyner	L'Academie Vimy	T. D. Baker
Crawford Plains	Ridge Academy	Talmud Torah
Crestwood	Laurier Heights	Thorncliffe
Donnan	Lawton	Tipaskan
Eastglen	Lymburn	Velma E. Baker
Edith Rogers	Lynnwood	Virginia Park
Ekota	McNally	W. P. Wagner
Ellerslie Campus	Meadowlark	Waverley
Elmwood	Menisa	Weinlos
Fraser	Meyokumin	Wellington
Fulton Place	Meyonohk	Westlawn
Glendale	Michael A. Kostek	Winterburn
Gold Bar	Mill Creek	York
Greenview	Montrose	
Hardisty	Mount Royal	
Hazeldean	Newton	
Highlands	Ormsby	
Hillview	Ottewell	

Life cycle Repair/Replacement of Heating Valves and Controls

This is a continuing program based on a five to seven-year life cycle for the repair and/or replacement of heating valves and controls. **This program is not funded by the BQRP** but through maintenance allocations to the schools listed in each year of the program. The schools below are scheduled for the 2002/2003 school year.

Control Valves

Balwin	Ellerslie EJM	Richard Secord
Bannerman	Garneau	Riverbend
Brander Gardens	Hillcrest	Ross Sheppard
Brookside	Holyrood	Rosslyn
Capilano	Horse Hill	Sakaw
Clara Tyner	Keheewin	Satoo
D.S. MacKenzie	Kildare	Sherwood
Dickinsfield	Lee Ridge	Sweet Grass
Dunluce	McKee	T.D. Baker
Eastglen	Meyokumin	
Edith Rogers	Minchau	

Thermostats

Abbott	Gold Bar	North Edmonton
Athlone	Grovenor	Northmount
Avonmore	Harry Ainlay	Old Scona
Balwin	High Park	Riverdale
Bannerman	Hillview	Rutherford
Baturyn	Homesteader	Satoo
Belvedere	Killarney	Scott Robertson
Bennett Centre	Londonderry	Sifton
Bisset	Lynnwood	Steele Heights
Capilano	Mayfield	Sweet Grass
D. S. MacKenzie	McKee	T. D. Baker
Delwood	Meadowlark	Velma E. Baker
Dickinsfield	Michael A. Kostek	Westbrook
Dovercourt	Newton	

Steam Traps

Braemar	McKernan	Sherbrooke
Grovenor	Old Scona	Spruce Avenue
Harry Ainlay	Parkdale	W.P. Wagner
Hillcrest	Prince Rupert	Woodcroft
Killarney	Richard Secord	

Proposed 2002 Major Maintenance Plan

School	Project
Abbott	Replace energy management system
Abbott	Asbestos abatement ceiling tiles
Afton	Asbestos abatement ceiling tiles
Afton	Replace energy management system
Aldergrove	Reroof pods
Avalon	Replace carpet
Avalon	Replace security system
Bannerman	Replace security system
Baturyn	Replace pod flooring
Belmead	Replace intercom system
Belmead	Replace flooring
Braemar	Replace flooring
Brightview	Replace sinks
Brightview	Replace energy management system
Capilano	Reroof area #1
Capilano	Replace windows Phase I
Crawford Plains	Replace security system
Dan Knott	Asbestos abatement ceiling tiles Phase II
Dan Knott	Replace intercom system cabling
Dickinsfield	Fire code upgrading
Dunluce	Replace sinks
Eastwood	Replace main entrance stairs
Eastwood	Replace exterior doors
Eastwood	Replace intercom system
Elmwood	Replace exterior doors
Elmwood	Replace intercom system
Elmwood	Replace sinks and vanities
Evansdale	Reroof area 1
Evansdale	Fire code upgrading
Forest Heights	Replace exterior doors
George H. Luck	Improve site drainage
Glengarry	Reroof gymnasium
Glengarry	Replace intercom system
Glengarry	Exterior canopy structural repairs
Glenora	Replace windows Phase I
Grace Martin	Replace intercom system
Grandview Heights	Replace main electrical service
Harry Ainlay	Reroof area 4 & 6
Harry Ainlay	Retube boiler
High Park	Replace exterior doors
Hillview	Flooring replacement carpet throughout
Hillview	Replace intercom system

Holyrood

Replace main electrical service

Proposed 2002 Major Maintenance Plan

School	Project
J.A. Fife	Replace gas fired roof top units
John Barnett	Replace sidewalks
John Barnett	Fire code upgrading
John Barnett	Install heating in music room
Killarney	Replace security system
Kirkness	Replace security system
LaPerle	Fire code upgrading
LaPerle	Replace security system
L'Académie Vimy Ridge Academy	Lift for special needs student
Lago Lindo	Replace security system
Lago Lindo	Replace sinks and vanities
Laurier Heights	Replace flooring throughout
Laurier Heights	Replace main electrical service
Lawton	Replace exterior doors
Lawton	Reroof area #2
Lorelei	Replace carpet in eleven classrooms
M.E. LaZerte	Replace asphalt driveway
Malcolm Tweddle	Reroof entire building
Malmo	Replace main entrance sidewalk
Malmo	Replace gymnasium acoustics
Mary Butterworth	Replace energy management system
McKee	Asbestos abatement ceiling tiles
McKee	Replace energy management system
McKernan	Install weeping tile
McNally	Replace gymnasium acoustic ceiling tile
Meadowlark	Replace main electrical service
Mee-Yah-Noh	Replace flooring throughout
Meyonohk	Replace flooring
Mount Pleasant	Replace main electrical service
North Edmonton	Asbestos abatement in stairwells
Old Scona	Upgrade building envelope
Ottewell	Asbestos abatement
Ottewell	Reroof area 3 & 5
Princeton	Replace sinks and vanities
Queen Alexandra	Replace intercom system
Rio Terrace	Replace flooring in 14 classrooms
Riverbend	Replace hot water storage tank
Rundle	Reroof entire building

Proposed 2002 Major Maintenance Plan

School	Project
Sherbrooke	Replace windows original building Phase I
Steele Heights	Front main entrance sidewalks
Unidentified	Special needs upgrading
Various unidentified	Asbestos abatement
Various unidentified	Emergent needs
Various	Emergency Response Department lock boxes
Virginia Park	Install weeping tile
W.P. Wagner	Asbestos abatement boiler room
Waverley	Reroof entire building
Wellington	Foundation repairs
Westminster	Asphalt parking area
Westmount	Replace galvanized water piping
Westmount	Replace sinks and vanities
Woodcroft	Replace intercom system

2001 MAJOR MAINTENANCE PLAN

Some projects have been deferred as a result of higher priority projects that have come to light or where deterioration of deficient conditions has accelerated. Bolded entries are new ones that have been added to the 2001 preliminary plan presented to the Board on May 8, 2001.

Life, Health and Safety

Fire Code Upgrades

These are on-going projects to upgrade the district's fire alarm systems and other safety provisions in schools such as smoke and heat detectors.

Grace Martin	replace fire alarm system
Greenfield	replace door hold open devices
McLeod	replace fire alarm system
Overlanders	replace fire alarm system
Sherwood	replace fire alarm system

Security System Replacements

This is an on-going program to replace school security systems. Ellerslie EJH has been deferred to the 2003 MMP. Lendrum was completed in the 2000 MMP.

Avonmore	Grandview Heights	Mount Royal
Belvedere	J.A.Fife	Sifton
Callingwood	Lee Ridge	Sweet Grass
Delwood	Lendrum	
Ellerslie EJH	Menisa	

Intercom System Replacements

This is an on-going program to upgrade intercom systems. John Barnett has been deferred to the 2005 MMP. Inglewood was completed in a previous plan.

Baturyn	Governor	Menisa
Belmont	Hillcrest	Minchau
Clara Tyner	Inglewood	Rideau Park
Delton	John Barnett	Rutherford
Earl Buxton	King Edward	Sifton
Grandview Heights	Lauderdale	Victoria

Asbestos Removals

These are on-going projects within the asbestos management program and are identified annually based on need. It is intended to continue the management program until all the asbestos in the district's buildings has been removed. Projects are based on the hazardous materials assessment of all district schools that commenced in the spring of 1999.

Dan Knott	
Ekota	
Ellerslie	Phase 2 of two

Washroom Upgrades

These are on-going projects based on need. John A. McDougall has been included in the major modernization project.

Avalon	Replace sinks
Ekota	Replace sinks
Goldbar	Replace sinks
Hillview	Replace sinks
McCauley	Provide washroom for special needs students
Meadowlark	Replace sinks
Ottewell	Replace sinks
Ritchie	Replace sinks
Rutherford	Replace sinks
Sweetgrass	Replace sinks
Thorncliffe	Replace faucets

The estimated cost of life and health safety projects is \$274,000.

Building Envelope

Re-Roofing

These are on-going projects based on life-cycle replacement and condition assessment. Aldergrove and Harry Ainlay were deferred to the 2002 MMP.

Abbott	Reroofing areas 1, 2, 3.
Crawford Plains	Reroofing of shingled area
Duggan	Reroofing of area 1
Grace Martin	Reroofing
Jasper Place	Reroofing of area 12
Kirkness	Reroofing
Laurier Heights	Reroofing of area 1
Old Scona	Reroofing
Ottewell	Reroofing of areas 3 and 4
Parkview	Reroofing of areas 4 and 5
Queen Elizabeth	Reroofing of area 7
Tipaskan	Reroofing
Wellington	Reroofing of areas 2 and 3

Window Replacement

These are on-going projects based on need. Inglewood has been deferred pending the completion of the Concept Development Studies.

Coronation

Exterior Door Replacement

These are on-going projects based on need. Forest Heights and Lawton were deferred to the 2002 MMP.

Athlone

The estimated cost of building envelope projects is \$2,342,000.

Building Systems and Components

Mechanical Heating System Replacements

This is an on-going program to replace obsolete heating systems. This will reduce energy and maintenance costs and provide a better level of temperature control to classrooms.

Dan Knott	Replace gas fired roof top units.
Princeton	Replace gas fired roof top units.

Mechanical System Upgrading

This is an on-going program to replace obsolete plumbing, drainage and ventilation systems and to reduce energy consumption. McCauley was included in the major modernization project. Virginia Park was deferred to the 2002 MMP.

Britannia	Replace ductwork
Evansdale	Upgrade gymnasium and music room ventilation
Hardisty	Replace hot water tank
Jasper Place	Replace cooling tower
Kildare	Replace energy management system
Lorelei	Replace furnaces
Lymburn	Replace energy management system
Old Scona	Replace galvanized water piping
Queen Alexandra	Replace galvanized water piping
Ross Sheppard	Replace science fume hood exhaust systems
S. Bruce Smith	Replace energy management system
Steele Heights	Replace energy management system
Strathearn	Replace drain lines
T. D. Baker	Replace control valves
Victoria	Replace compressor

Structural Repairs

This is an on-going program based on need.

McKernan	Remedial repairs to coping stones
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Wellington continues to be monitored and has been deferred until the 2002 MMP.

Flooring

This is an on-going program to replace flooring that is no longer maintainable.

Avalon	Replace flooring
Callingwood	Replace flooring in pods
Elmwood	Replace floor tile
Glenora	Replace flooring
Menisa	Replace carpets
Meyokumin	Replace carpets
Mill Creek	Replace linoleum
Ormsby	Replace carpets
Rio Terrace	Replace carpet
Rosslyn	Replace floor tile
Sherbrooke	Replace corridor flooring
Sherwood	Replace carpet
Thorncliffe	Replace carpet

The estimated cost of building systems and components projects is \$1,642,500.

Delivery of Educational Programming

Lighting Upgrades

This is the continuation of the program to improve the lighting in teaching spaces, corridors and administration areas. This program is implemented jointly with the district's Sustained Energy Management Program (S.E.M.P.) in partnership with EPCOR.

Sites to be determined. (Currently under review.)

Wheelchair Accessibility

These projects typically include the provision of elevators, wheelchair ramps and other specific needs. It is intended to focus on the needs of specific district sites in future years until all district sites have been upgraded.

Special Needs Upgrading

This is an on-going program to provide facility upgrades for special need district sites for students.

Sites to be identified.

Modernizations

These projects are used to complement the scope of work on approved major modernizations funded by Alberta Infrastructure through the district's capital plan.

None are identified at this time.

Site Improvements

These projects typically include the provision of, or the improvement to, site drainage, drop-off lanes, parking lots and paved play areas.

Grace Martin	Improve site drainage
Hillcrest	Improve site drainage

The estimated cost of site improvement projects is \$21,000.

Emergent Needs

In addition to the project categories listed above, emergent replacement of mechanical components such as furnace heat exchangers, hot water tanks and water lines are dealt with on an emergent basis. A complete list is on pages 24 – 27.

The estimated cost for emergent projects is \$500,000.

Exterior Paint Program

The allocation for the district's exterior paint program is \$420,000 and is retained centrally in the Facilities Services-Maintenance budget. **These projects are not funded by BQRP.**

The exteriors of the following facilities are scheduled to be painted in the 2001-2002 budget year.

Aldergrove	Fulton Place	Montrose
Bellevue	Gold Bar	North Edmonton
Belmead	Grace Martin	Northmount
Belvedere	Idlywylde	Parkallen
Braemar	J.A. Fife	Sakaw
Caernarvon	Lauderdale	Scott Robertson
Crestwood	McKee	Sherwood
Dovercourt	McNally	Strathcona
Eastglen	Mee-Yah-Noh	Strathearn
Forest Heights	Mill Creek	

The exterior of 10 freestanding portables will also be painted.

2001 Major Maintenance Plan

The projects in bold are those added to the plan following receipt of the increased funding allocation.

School	Project
Abbott	Reroof Areas 1, 2 & 3
Athlone	Replace exterior doors
Athlone	Upgrade ventilation system Ph II
Avalon	Replace sinks
Avalon	Replace flooring
Avonmore	Replace security system
Avonmore	Electrical upgrade
Balwin	Music room acoustics
Balwin	Replace lockers
Baturyn	Replace intercom system
Belmead	Replace flooring
Belmont	Replace intercom system
Belvedere	Replace security system
Bennett Centre	Fire code upgrading
Britannia	Replace ductwork
Callingwood	Replace security system
Callingwood	Replace flooring in pod classrooms and corridor
Clara Tyner	Replace intercom system
Coronation	Replace windows
Crawford Plains	Reroofing of shingled areas
D. S. MacKenzie	Electrical upgrade
Dan Knott	Asbestos abatement
Dan Knott	Replace gas-fired roof top units
Delton	Replace intercom system
Delwood	Replace security system
Donnan	Site upgrading
Duggan	Reroof area 1
Earl Buxton	Replace intercom system cabling
Eastwood	Parking lot upgrade
Eastwood	Replace carpet
Edith Rogers	Fire code upgrade
Edith Rogers	Replace flooring
Ekota	Asbestos abatement
Ekota	Replace sinks
Ellerslie EJH	Asbestos abatement
Ellerslie EJH	Upgrade windows
Elmwood	Replace floor tile
Evansdale	Upgrade gymnasium and music room ventilation
Evansdale	Replace sinks

2001 Major Maintenance Plan (continued)

School	Project
George H. Luck	Replace controls
Glendale	Replace millwork
Glengarry	Electrical upgrade
Glenora	Replace flooring
Glenora	Replace exterior stairs
Gold Bar	Replace sinks
Gold Bar	Replace flooring
Grace Martin	Fire code upgrading
Grace Martin	Reroofing
Grace Martin	Improve site drainage
Grovenor	Replace intercom system
Hardisty	Replace hot water tank
Harry Ainlay	Reroof areas 4 & 6
Harry Ainlay	Electrical upgrade
Hillcrest	Replace intercom system
Hillcrest	Improve site drainage
Hillcrest	Replace gymnasium floor
Hillview	Replace sinks
Holyrood	Replace flooring
Idylwylde	Replace flooring
J.A. Fife	Replace security system
John A. McDougall	Replace windows
Kameyosek	Replace flooring
Kenilworth	Replace main electrical service
King Edward	Replace intercom system
Kirkness	Reroofing
L'Académie Vimy Ridge Academy	Computer security system
L'Académie Vimy Ridge Academy	Replace compressor
L'Académie Vimy Ridge Academy	Upgrade lighting
L'Académie Vimy Ridge Academy	Upgrade ventilation system
L'Académie Vimy Ridge Academy	Replace heating lines
Lansdowne	Replace flooring
Lansdowne	Replace intercom system
LaPerle	Replace sinks
Lauderdale	Replace intercom system
Laurier Heights	Reroofing
Lee Ridge	Replace security system
Lorelei	Replace two obsolete furnaces in pod
Lorelei	Site upgrading
Lymburn	Replace energy management systems
Lymburn	Replace flooring
Lymburn	Fire code upgrading

2001 Major Maintenance Plan (continued)

School	Project
M. E. LaZerte	Replace heating coils
M.E. LaZerte	Replace boiler relay
Malmo	Fire code upgrade
Mary Butterworth	Replace sinks
McCauley	Washrooms
McCauley	Replace galvanized water piping
McKernan	Remedial repairs to coping stones
McLeod	Fire code upgrading
Meadowlark	Replace sinks
Menisa	Replace carpet
Menisa	Replace intercom system
Meyokumin	Replace carpet
Mill Creek	Replace linoleum flooring
Mill Creek	Install weeping tile
Minchau	Replace intercom system
Mount Royal	Replace security system
Old Scona	Replace galvanized water piping
Old Scona	Reroof dome
Ormsby	Replace carpet
Overlanders	Fire code upgrading
Parkview	Reroof reas 4 & 5
Parkview	Replace flooring
Princeton	Replace gas-fired roof-top units
Queen Alexandra	Replace galvanized water piping
Queen Alexandra	Remove fire escape
Queen Elizabeth	Reroof area 7
Rideau Park	Replace intercom system
Rio Terrace	Replace carpet
Ritchie	Replace sinks
Ross Sheppard	Replace science fume hood exhaust systems
Rosslyn	Replace floor tile
Rosslyn	Ventilation system upgrade
Rutherford	Replace sinks
Rutherford	Replace intercom system
S. Bruce Smith	Replace energy management system
S. Bruce Smith	Ventilation system upgrade
Sherbrooke	Replace corridor flooring in original building
Sherwood	Fire code upgrading
Sherwood	Replace carpet
Sifton	Replace intercom system
Sifton	Replace security system

2001 Major Maintenance Plan (continued)

School	Project
Spruce Avenue	Replace sinks
Steele Heights	Replace energy management system
Strathcona	Fire code upgrading
Strathearn	Replace cast iron sanitary drain lines
Sweetgrass	Replace sinks
Sweetgrass	Replace security system
T.D. Baker	Replace control valves
Thorncliffe	Replace carpet
Thorncliffe	Replace sinks
Tipaskan	Reroofing
Vernon Barford	Asbestos abatement
Victoria	Replace compressor
Victoria	Fire code upgrading
W. P. Wagner	Parking lot electrical upgrade
W. P. Wagner	Replace not water storage tank
Wellington	Reroof areas 2 & 3
Westbrook	Replace energy management system
Westminster	Replace water main
Winterburn	Replace flooring

2001 Major Maintenance Plan Emergent Projects

School	Project
Afton	Replace main disconnect switch
Aldergrove	Replace heat pumps
Alex Taylor	Replace compressor
Allendale	Replace two furnaces
Avalon	Foundation repairs and flooring replacement
Avonmore	Replace exterior stucco on west gym wall
Bisset	Replace furnaces in portables 228 and 229
Braemar	Replace obsolete boiler flame guard control relay
Britannia	Replace compressor
Brookside	Exterior stair modifications to accommodate wheelchair accessibility
Caernarvon	Replace exterior sidewalk
Caernarvon	Control damper modifications
Caernarvon	Replace failed main entrance sidewalk
Callingwood	Replace pod damper controls and IEQ check
Callingwood	Entrance modifications to accommodate wheelchair access
Callingwood	Replace obsolete furnace in pod classroom 12
Capilano	Replace main electrical service
Coronation	Repair water main
Crawford Plains	Replace hot water heater
Daly Grove	Replace furnace in portable 213
Daly Grove	Replace heat pump in room 9
Dickinsfield	Replace boiler relay
Dickinsfield	Replace boiler flues
Dovercourt	Replace hot water heater
Dovercourt	Replace magnetic door holders
Dovercourt	Security lighting
Duggan	Replace burner assembly
Dunluce	Replace stucco on south gymnasium wall
Eastwood	Window screens
Ellerslie Campus	Replace compressor head
Ellerslie Campus	Sewage system modifications
Ellerslie Campus	Water proof cistern
Elmwood	Replace gas valve
Elmwood	Replace compressor N.E. mechanical room
Evansdale	Lift to accommodate wheelchair access
Evansdale	Water main replacement
Evansdale	Stair repair & stair lift for wheelchair access
Evansdale	Replace boiler relay
Forest Heights	Asbestos abatement
Fraser	Replace two hot water heaters

2001 Major Maintenance Plan Emergent Projects (continued)

School	Projects
Garneau	Replace gas valve
George H. Luck	Replace five controllers
Glendale	Replace condensate tank
Glengarry	Exterior concrete canopy repairs
Glenora	Replace failed catch basin
Gold Bar	Replace gas valve
Greenview	Replace supply air fan motor
Greenview	Replace furnaces in pod classrooms 13 and 15
Grovenor	Replace boiler control relay
Hardisty	Asbestos abatement
Harry Ainlay	Replace supply air fan shaft
Harry Ainlay	Replace bearing on fan motor AH-11
Hazeldean	Replace gas valve
Hazeldean	Replace hot water heater east boiler room
Highlands	Replace main supply air fan and speed control
Highlands	Replace hot water heater
Homesteader	Replace two heat pumps and controllers
Horse Hill	Replace heat exchanger on furnace #1
Horse Hill	Replace hot water tank
Horse Hill	Replace gas valves on three furnaces
J.A. Fife	Replace heat exchangers on unit F-2
J.A. Fife	Replace heat exchangers on unit F-1
Jasper Place	Remove incinerator chimney
Kate Chegwin	Replace two hot water heaters
Keheewin	Replace obsolete furnaces in pod classrooms 10, 11, 12,13 and 14
Kenilworth	Replace car receptacle feeders and conduit
King Edward	Replace main electrical service
King Edward	Replace car receptacle electrical feeder
Kirkness	Replace two hot water heaters
L'Académie Vimy Ridge Academy	Install hot water heater
Lago Lindo	Replace hot water heater
Lauderdale	Replace boiler relay
Laurier Heights	Replace hot water heater
Lee Ridge	Cross connection
Londonderry	Replace two expansion tanks
Londonderry	Replace two hot water heaters
Lymburn	Parking lot modifications
Lynnwood	Replace gas valve

2001 Major Maintenance Plan Emergent Projects (continued)

School	Projects
M.E. LaZerte	Replace 4 – boiler header valves
M.E. LaZerte	Replace sidewalk
M.E. LaZerte	Re-tube boilers
M.E. LaZerte	Replace boiler control relay
M.E. LaZerte	Boiler repairs
M.E. LaZerte	Replace boiler control relay
Malcolm Tweddle	Replace hot water heaters
Malmo	Replace boiler flame relay
Mayfield	Parking lot modifications
Mayfield	Replace compressor
McCauley	Repair boiler #2
McCauley	Replace compressor
McNally	Replace hot water heater in east mechanical room
Mee-Yah-Noh	Replace boiler relay
Meyonohk	Replace obsolete furnace in pod classroom 11
Michael A. Kostek	Replace furnaces in portables 201, 220, 221, 232
Mill Creek	Replace fan bearing
Minchau	Gymnasium lighting modifications
Norwood	Replace bearings on main fan unit
Parkdale	Boiler room ceiling repairs
Parkdale	Replace time clock
Pollard Meadows	Replace hot water heaters
Prince Charles	Replace boiler relay
Prince Rupert	Replace hot water heater
Queen Alexandra	Replace gas valve
Richard Secord	Install hydro-flow filters
Rideau Park	Replace two glycol heat pumps
Ritchie	Replace gas valve
Riverbend	Mudjack floors
Riverbend	Replace gas valve on boiler
Ross Sheppard	Compressor replacement
Rossllyn	Replace heat exchanger on roof top unit 4
Rundle	Remove incinerator
Rutherford	Security lighting
Scott Robertson	Replace boiler control relay
Sherbrooke	Replace expansion tank
Spruce Avenue	Replace water main
Steele Heights	Replace boiler relay
Steinhauer	Replace hot water heater
Stratford	Replace hot water heater

2001 Major Maintenance Plan Emergent Projects (continued)

School	Projects
T.D. Baker	Replace 9 reheat boxes
Thorncliffe	Replace sidewalk
Thorncliffe	Provide lift for wheelchair access
Tipaskan	Replace furnaces in pod classrooms 4 and 6
Tipaskan	Replace furnaces in pod classroom 7
Vernon Barford	Replace boiler flame guard relay
Vernon Barford	Replace boiler flame guard control relay
Victoria	Ramps for wheelchair accessibility
W.P. Wagner	Install trap primers
W.P. Wagner	Replace hot water heater
Waverley	Replace boiler flame guard relay
Westbrook	Mudjack floors
Westbrook	Replace controller in main fan room
Westmount	Replace boiler relay
Windsor Park	Relocate high pressure gas line
Winterburn	Replace hot water heater
Winterburn	Replace two heat exchangers
York	Replace boiler relay
Youngstown	Replace high pressure air lines
Youngstown	Security lighting

PROPOSED FIVE YEAR LIFE-CYCLE REPLACEMENT PROGRAM

The ability to undertake the projects listed is dependent on government funding and emergent issues. The five year plan has been revised to reflect district needs identified by Facilities Services inspections and Alberta Infrastructure facility audits.

Life, Health and Safety

Fire Code Upgrades

This is an on-going program to upgrade the district's fire alarm systems and other safety provisions in schools such as smoke and heat detectors.

2003	2004	2005	2006	2007
Beacon Heights	North Edmonton	Academy at	Highlands	Glenora
Belmead	Riverdale	King Edward	Parkdale	High Park
Delton	Westglen	Eastwood	Ritchie	McCauley
Glendale	Westmount	Garneau	Spruce Avenue	Mill Creek
Queen Alexandra		Rutherford		

Security System Replacements

This is an on-going program to replace school security systems. With the completion of the 2006 Major Maintenance Plan, all security systems will be updated.

2003	2004	2005	2006
Bellevue	Evansdale	Abbott	Eastglen
Ellerslie EJH	Lymburn	Daly Grove	Ellerslie Primary
Grace Martin	Tipaskan	Dan Knott	J. Percy Page
Horse Hill	Winterburn	Fraser	John D. Bracco
Mill Creek		Highlands	Overlanders
Parkdale		Julia Kiniski	Rosslyn
		Kate Chegwin	

Intercom System Replacements

This is an on-going program to upgrade school intercom systems and provide systems in schools that do not currently have one. With the completion of the 2005 Major Maintenance Plan, all intercom systems will be updated.

2003	2004	2005
Beacon Heights	Bannerman	John Barnett
Mill Creek	Callingwood	Kirkness
Parkdale	Coronation	LaPerle
Pollar Meadows	Keheewin	Ormsby
Strathcona	Queen Elizabeth	Rosslyn
Tipaskan	Stratford	
Windsor Park		

Asbestos Removal

These are on-going projects within the asbestos management program and are identified annually based on the district's Hazardous Materials Management Program. It is intended to continue this program until all the asbestos in the district's buildings has been removed.

2003	2004	2005	2006	2007
Malmo	Dunluce	Horse Hill	Greenfield	None identified at this time
Sweet Grass	Ritchie	McLeod		

Washroom Upgrades

This is an on-going program based on need and includes replacement of sinks and faucets or complete washroom upgrades.

2003	2004	2005	2006	2007
Julia Kiniski	Highlands	Argyll	Rosslyn	Athlone
Strathcona	Mount Royal	Satoo		Grovenor

Building Envelope

Re-Roofing

This is an on-going program based on life-cycle replacement and condition assessment.

2003	2004	2005	2006	2007
Britannia	Afton	Belmead	Ekota	Crawford Plains
High Park	D.S. MacKenzie	Dickinsfield	Kameyosek	Greenview
L.Y. Cairns	Forest Heights	Greenfield	Lee Ridge	Hillview
M. E. LaZerte	Malmo	Londonderry	Parkview	John Barnett
McKee	Ross Sheppard	Northmount	Richard Secord	Minchau
McLeod	Strathcona	Parkallen	Sakaw	Pollard Meadows
Sifton	W.P. Wagner		Tipaskan	Vernon Barford
			Westlawn	W.P. Wagner
				Westbrook

Window Replacement

This is an on-going program based on need.

2003	2004	2005	2006	2007
Glenora Ph II	Athlone	Argyll	Avonmore Ph II	Queen Elizabeth
Inglewood	Bellevue	Avonmore Ph I	Queen Elizabeth	Ph III
Sherbrooke Ph II	McArthur	Queen Elizabeth Ph I	Ph II	Ross Sheppard Ph I

Exterior Door Replacement

This is an on-going program based on need.

2003	2004	2005	2006	2007
Brightview	Balwin	McNally	Killarney	Dunluce
Inglewood	Delton		Lynnwood	Holyrood
Prince Charles				
Rio Terrace				

Building Systems and Components

Mechanical Heating System Replacements

This is an on-going program to replace or upgrade heating and ventilation systems that cannot sustain comfort levels in the classroom.

2003	2004	2005	2006	2007
Garneau - boiler	Edith Rogers Westglen	Abbott Ellerslie EJM Mill Creek	Garneau – roof top unit Rosslyn Westmount	Parkdale

Replacement of Mechanical Systems Controls

This is an on-going program to replace failed or obsolete energy management systems.

2003	2004	2005	2006	2007
Delwood Wellington	Daly Grove Earl Buxton Westbrook	Julia Kiniski Kate Chegwin Kirkness	John D. Bracco Lago Lindo LaPerle	Old Scona Parkview T.D. Baker

Replacement of Water Piping

2003	2004	2005	2006
Academy at King Edward Garneau Highlands	Glenora Westglen	Delton Griesbach Spruce Avenue	All should be finished by 2005

Structural Repairs

This is an on-going program based on need. The projects listed will re-secure the parapet walls.

2003	2004	2005	2006	2007
Eastwood	McNally	None	None	None

Flooring

This is an on-going program to replace flooring that is no longer maintainable.

2003	2004	2005	2006	2007
Elmwood Glengarry McLeod Montrose Princeton Rutherford W.P. Wagner	Brookside Callingwood Griesbach LaPerle Sakaw Westmount	Avonmore Eastwood Holyrood McArthur Parkallen Spruce Avenue	Dunluce Hillcrest McKee Mill Creek Patricia Heights	Balwin Bellevue Hazeldean Lauderdale McNally Ross Sheppard

Wheelchair Accessibility and Special Needs Upgrading

These projects typically include the provision of elevators, wheelchair ramps and other specific needs. It is intended to focus on the needs of specific district sites in this and future years until all district sites have been upgraded.

Special Needs Upgrading

This is an on-going program to provide facility upgrades for special needs.

Modernizations

These projects are used to complement the scope of work on approved major modernizations funded by Alberta Infrastructure through the district’s capital plan.

Site Improvements

These projects typically include the provision of, or the improvement to, site drainage, drop-off lanes, parking lots and paved play areas. The City of Edmonton cost shares the provision of student drop-off lanes with Edmonton Public Schools and Edmonton Catholic Schools on an alternate year format.

2002	2003	2004	2005	2006
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Unidentified cost shared drop-off lane with the City of Edmonton

Unidentified cost shared drop-off lane with the City of Edmonton

Emergent Needs

In addition to the project categories listed above, emergent replacement of mechanical components such as furnace heat exchangers, hot water tanks and water lines are dealt with on an emergent basis.

The annual budgeted cost for emergent projects is \$550,000.

Additional Projects

If the projects noted above can be completed for less than the estimated costs, the remaining funds will be directed to the replacement of floor coverings.

EXTERIOR PAINT PROGRAM

The allocation for the district's exterior paint program is \$420,000 and is managed centrally in the Facilities Services-Maintenance budget.

The exteriors of the following facilities are scheduled to be painted in the following budget years.

2003	2004	2005	2006	2007	2008
Academy at King	Belmont	Abbott	Athlone	Aldergrove	Afton
Edward	Brookside	Avalon	Avonmore	Bellevue	Belgravia
Allendale	Calder	Baturyn	Clara Tyner	Belmead	Capilano
Argyll	Daly Grove	Brightview	Donnan	Belvedere	Coronation
Balwin	Dan Knott	Britannia	Duggan	Braemar	D.S. MacKenzie
Bannerman	Dickinsfield	Callingwood	Edith Rogers	Caernarvon	Delton
Beacon Heights	Ekota	Centennial	Evansdale	Crestwood	Delwood
Bennett Centre	Holyrood	Crawford Plains	Glengarry	Dovercourt	Ellerslie Elem.
Bisset	J.Percy Page	Dunluce	Greenfield	Eastglen	Ellerslie Jr.
Brander Gardens	Julia Kiniski	Earl Buxton	Grovenor	Forest Heights	Garneau
Eastwood	Laurier Heights	Elmwood	Hazeldean	Fulton Place	Glendale
Greenview	Lymburn	Fraser	High Park	Gold Bar	Grandview Heights
Harry Ainlay	Meadowlark	George H. Luck	Highlands	Grace Martin	Hardisty
Kameyosek	Menisa	Glenora	Hillview	Idylwylde	Inglewood
King Edward	Meyonohk	Griesbach	Homesteader	J.A. Fife	Jasper Place
L'Académie Vimy	Mount Pleasant	Hillcrest	Kildare	Lauderdale	John A. McDougall
Ridge Academy	Newton	Horse Hill	Killarney	McCauley	John Barnett
LaPerle	Norwood	James Gibbons	Lorelei	McKee	Kenilworth
Lawton	Old Scona	John D. Bracco	Lynnwood	McNally	Malcolm Tweddle
Lendrum	Oliver	Kate Chegwin	McArthur	Mee-Yah-Noh	Mount Royal
M.E.LaZerte	Parkview	Keheewin	McKernan	Mill Creek	Ottewell
Mayfield	Patricia Heights	Kensington	Ormsby	Montrose	Parkdale
McLeod	Princeton	Kirkness	Pollard Meadows	North Edmonton	Queen Alexandra
Overlanders	Queen Mary Park	L.Y. Cairns	Rossllyn	Northmount	Queen Elizabeth
Prince Charles	Rideau Park	Lago Lindo	Rundle	Parkallen	Steele Heights
Richard Secord	Ritchie	Lansdowne	S. Bruce Smith	Sakaw	Steinhauer
Rio Terrace	Riverbend	Lee Ridge	Vernon Barford	Scott Robertson	Talmud Torah
Sweet Grass	Riverdale	Londonderry	Weinlos	Sherwood	Thorncliffe
Virginia Park	Ross Sheppard	Malmo		Strathcona	Westlawn
Wellington	Rutherford	Mary Butterworth		Strathearn	Westmount
Windsor Paerk	Strathearn	Meyokumin			
Woodcroft	T.D. Baker	Michael A. Kostek			
Youngstown	Westglen	Minchau			
	York	R.J. Scott			
		Satoo			
		Sifton			
		Spruce Avenue			
		Stratford			
		Tipaskan			
		Velma E. Baker			
		W.P. Wagner			
		Waverley			
		Westbrook			
		Winterburn			

In addition, the exteriors of ten portables are scheduled to be painted in each of the budget years.

AIR SYSTEM MAINTENANCE PROGRAM

2002 - 2003	2002-2003 cont'd	2003 - 2004
Academy at King Edward	Malmo	Balwin
Allendale	Mary Butterworth	Belvedere
Athlone	Mayfield	Delton
Avalon	McArthur	Delwood
Baturyn	McKernan	Eastwood
Belgravia	Mee-Yah-Noh	J.A. Fife
Bennett Centre	Mount Pleasant	John Barnett
Brander Gardens	Northmount	Kildare
Brightview	Old Scona	Londonderry
Britannia	Parkallen	McLeod
Caernarvon	Queen Alexandra	North Edmonton
Calder	Queen Elizabeth	Norwood
Coronation	Richard Secord	Parkdale
D. S. McKenzie	Riverbend	Prince Charles
Dovercourt	Ross Sheppard	Prince Rupert
Duggan	Rosslyn	Princeton
Dunluce	Scott Robertson	Rio Terrace
Earl Buxton	Steinhauer	Riverdale
Evansdale	Strathcona	Sherbrooke
Garneau/Queen Alexandra Campus	Sweet Grass	Spruce Avenue
George H. Luck	Vernon Barford	Steele Heights
Glengarry	Westbrook	Westglen
Glenora	Windsor Park	Westmount
Greenfield	Woodcroft	
Griesbach	Youngstown	
Grovenor		
Harry Ainlay		
High Park		
Kensington		
Killarney		
King Edward		
L.Y. Cairns		
Lago Lindo		
Lansdowne		
Lauderdale		
Lendrum		
Lorelei		

LIFE CYCLE REPAIR/REPLACEMENT OF HEATING VALVES AND CONTROLS

This is a continuing program based on a five to eight-year life cycle for the repair and/or replacement of heating valves and controls. This program is not funded by the BQRP but through special annual maintenance allocations of \$400,000 to the schools listed below.

Control Valves

2003 - 2004	2004 – 2005	2005 – 2006	2006 – 2007	2007 - 2008	2008 - 2009
Abbott	Allendale	Belvedere	Argyll	Academy at King	Balwin
Afton	Balwin	Delton	Avonmore	Edward	Bannerman
Athlone	Bellevue	Ekota	Beacon Heights	Crestwood	Brander Gardens
Belgravia	Belmont	Glendale	Braemar	Evansdale	Brookside
Belmead	Britannia	Hazeldean	Caernarvon	Forest Heights	Capilano
Brightview	Calder	Highlands	Coronation	Glengarry	Clara Tyner
Earl Buxton	Delwood	Idylwylde	Fulton Place	Grandview Heights	D.S. MacKenzie
Eastwood	Donnan	Lawton	Gold Bar	Grovenor	Dickinsfield
Hardisty	George H. Luck	M.E. LaZerte	Kensington	Kameyosek	Dunluce
J.D. Bracco	Killarney	McLeod	L'Académie Vimy	King Edward	Eastglen
Kate Chegwin	LaPerle	Mount Pleasant	Ridge Academy	Lendrum	Edith Rogers
Kensington	Michael A. Kostek	Mount Royal	Lauderdale	Londonderry	Ellerslie EJM
Lago Lindo	Mill Creek	North Edmonton	Laurier Heights	Mayfield	Gameau
Malmo	Montrose	Parkallen	McArthur	McKernan	Hillcrest
Mary Butterworth	Old Scona	Parkdale	Mee-Yah-Noh	McNally	Holyrood
Menisa	Steele Heights	Prince Charles	Ottewell	Northmount	Horse Hill
Meyonohk	Wellington	Queen Elizabeth	Queen Alexandra	Patricia Heights	Keheewin
Newton		Scott Robertson	Strathcona	Pollard Meadows	Kildare
Rundle		Spruce Avenue	Westglen	Prince Rupert	Lee Ridge
S. Bruce Smith			Windsor Park	Princeton	McKee
Sherbrooke				R.J. Scott	Meyokumin
Tipaskan				Ritchie	Minchau
Virginia Park				Rutherford	Richard Secord
Westmount				Sherbrooke	Riverbend
Youngstown				Sifton	Ross Sheppard
				Stratford	Rosslyn
				Strathearn	Sakaw
				Vernon Barford	Satoo
				Waverley	Sherwood
				Westlawn	Sweet Grass
				Woodcroft	T.D. Baker
				York	

Thermostats

2003-2004	2004-2005	2005-2006	2006-2007	2007 - 2008	2008 - 2009
Bellevue	Academy at	Britannia	Abbott	Bellevue	Academy at
Belmead	King Edward	Dunluce	Athlone	Belmead	King Edward
Belmont	Afton	Eastglen	Avonmore	Belmont	Afton
Brookside	Beacon Heights	Eastwood	Balwin	Brookside	Beacon Heights
Caernarvon	Brander Gardens	Glendale	Bannerman	Caernarvon	Brander Gardens
Calder	Centennial	Glengarry	Baturyn	Calder	Centennial
Clara Tyner	Coronation	Grace Martin	Belvedere	Clara Tyner	Coronation
Crestwood	Dan Knott	Griesbach	Bennett Centre	Crestwood	Dan Knott
Delton	Donnan	Inglewood	Bisset	Delton	Donnan
Evansdale	Earl Buxton	J.Percy Page	Capilano	Evansdale	Earl Buxton
Forest Heights	Edith Rogers	J.D. Bracco	D.S.MacKenzie	Forest Heights	Edith Rogers
Greenview	Ellerslie EJM	Julia Kiniski	Delwood	Greenview	Ellerslie EJM
Highlands	Fraser	Kameyosek	Dickinsfield	Highlands	Fraser
Hillcrest	Fulton Place	Kenilworth	Dovercourt	Hillcrest	Fulton Place
Horse Hill	Greenfield	Kensington	Gold Bar	Horse Hill	Greenfield
John Barnett	Hardisty	Kildare	Grovenor	John Barnett	Hardisty
King Edward	Hazeldean	Lago Lindo	Harry Ainlay	King Edward	Hazeldean
Kirkness	Holyrood	Lawton	High Park	Kirkness	Holyrood
L.Y. Cairns	Keheewin	Lorelei	Hillview	L.Y. Cairns	Keheewin
L'Académie	Laurier Heights	Lymburn	Homesteader	L'Académie	Laurier Heights
Vimy Ridge	M.E. LaZerte	Mee-Yah-Noh	Killarney	Vimy Ridge	M.E. LaZerte
Lansdowne	Malcolm	Minchau	Londonderry	Lansdowne	Malcolm
McKernan	Tweddle	Parkallen	Lynnwood	McKernan	Tweddle
McLeod	Menisa	Prince Charles	Mayfield	McLeod	Menisa
Montrose	Mill Creek	Prince Rupert	McKee	Montrose	Mill Creek
Mount Royal	Overlanders	Ross Sheppard	Meadowlark	Mount Royal	Overlanders
Norwood	Parkdale	Rosslyn	Michael A.	Norwood	Parkdale
Oliver	Princeton	Rundle	Kostek	Oliver	Princeton
Pollard	Rio Terrace	Westlawn	Newton	Pollard	Rio Terrace
Meadows	Riverbend	Winterburn	North Edmonton	Meadows	Riverbend
R.J. Scott	S.Bruce Smith	York	Northmount	R.J. Scott	S.Bruce Smith
Richard Secord	Spruce Avenue		Old Scona	Richard Secord	Spruce Avenue
Rideau Park	Strathcona		Riverdale	Rideau Park	Strathcona
Steinhauer	Vernon Barford		Rutherford	Steinhauer	Vernon Barford
Strathearn	Wellington		Satoo	Strathearn	Wellington
Tipaskan	Windsor Park		Scott Robertson	Terrace Heights	Windsor Park
Virginia Park			Sifton	Tipaskan	
W.P. Wagner			Steele Heights	Virginia Park	
Waverley			Sweet Grass	W.P. Wagner	
Westmount			T.D. Baker	Waverley	
Woodcroft			Velma E. Baker	Westmount	
Youngstown			Westbrook	Woodcroft	
				Youngstown	

Steam Traps

2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011
Allendale	Donnan	Forest	Academy at	Athlone	Balwin	Braemar	Allendale
Eastglen	Fulton Place	Heights	King Edward	Bellevue	Belgravia	Grovenor	Eastglen
Eastwood	Griesbach	Lendrum	Argyll	Highlands	Capilano	Harry Ainlay	Eastwood
Ross	Hazeldean	Mill Creek	Avonmore	Queen	Coronation	Hillcrest	Ross
Sheppard	Laurier	Montrose	Belvedere	Elizabeth	Delwood	McKernan	Sheppard
Strathcona	Heights	Mount	Crestwood	Scott	Garneau	Old Scona	Strathcona
	Mee-Yah-	Pleasant	Delton	Robertson	Glendale	Parkdale	
	Noh	Mount Royal	Idylwylde	Virginia Park	Gold Bar	Prince	
	North	Newton	King Edward	Windsor Park	Hardisty	Rupert	
	Edmonton	Strathearn	Lauderdale		Holyrood	Richard	
	Parkallen		McArthur		Jasper Place	Secord	
	Westglen		Prince		Kensington	Sherbrooke	
	Westmount		Charles		Killarney	Spruce	
			Queen		Woodcroft	Avenue	
			Alexandra			W.P. Wagner	
			Ritchie				
			Rutherford				
			Wellington				

CAPITAL PROJECT LISTING

2000 – 2001

City centre educational project	\$ 80,000
Concept study – centre east	\$ 50,000
Concept study – north east	\$ 30,000
Concept study - centre west	\$ 30,000
Concept study – north west	\$ 30,000
George P. Nicholson (new school)	\$ 6,326,281

2000 – 2001 Block Fund Modernization

Avalon (barrier free access)	\$ 100,000
City centre educational project	\$ 300,000
Contingency	\$ 570,000
Grandview Heights (modernization)	\$ 1,100,000
Harry Ainlay	\$ 100,000
Ross Sheppard	\$ 500,000
Student drop-off areas	\$ 1,100,000
Terrace Heights – Phase II (modernization)	\$ 1,600,000

2001 – 2002

Eastwood CCEP	\$ 112,000
Grandview Heights (addition)	\$ 732,792
Idylwyld (modernization)	\$ 310,807
J. Percy Page (addition)	\$ 2,280,795
Jackson Heights (new school)	\$ 5,084,600
Jasper Place (modernization)	\$10,000,000
Jasper Place concept study	\$ 100,000
John A. McDougall	\$ 5,360,200
Kildare (addition)	\$ 732,792
McCauley (modernization)	\$ 4,545,500
Meyonohk (addition)	\$ 732,792
Parkdale CCEP	\$ 117,500
Portable relocations	\$ 250,000
Spruce Avenue CCEP	\$ 228,000
Victoria (redevelopment design concept)	\$ 1,000,000

2001 – 2002 Block Fund Modernization

Queen Elizabeth – Home Ec & CTS Lab (upgrading)	\$ 621,000
Ottewell (modernization)	\$ 2,770,000
Kildare	\$ 1,810,000
Victoria (barrier free ramps)	\$ 20,000
Contingency	\$ 141,578

2002 – 2003

Michael A. Kostek (addition)	\$ 732,792
Meadows junior high school (concept)	\$ 25,000
North Edmonton high school (concept)	\$ 25,000
Portable relocations	\$ 250,000

2003 – 2004

Portable relocations	\$ 250,000
Winterburn (addition)	\$ 732,792