

APPENDIX A

Renewal Capital Asset Planning Process (ReCAPP)

In 2003 the Ministry of Education contracted a company to inspect to all school buildings in Ontario.

The buildings were inspected to assess the needs and priorities of repairs of each school.

Based on these findings the Ministry of Education calculated the five year renewal needs (estimated cost of repair work) for each of the schools and each school's replacement value.

The Ministry developed a list and assigned priority ratings (urgent, high, medium, low) to each item with an estimated value and year for sequencing purposes. The list was sent to Boards 2 years later than anticipated with the years now being used as a guideline to prioritise the order of the projects.

The Board receives 40% of the cost for only the urgent and high rated items and must fund the remaining 60% of these items from existing funds. For items rated as medium and low the Board must cover 100% of the costs.

On the ReCAPP sheets, the "Still To be Done as of April 2008" column and its "Total" is the reflected total in the Valuation Framework sheets.

Facility Condition Index (FCI)

The FCI is the calculated ratio based on the five year renewal needs (estimated cost of repair work for the projects identified under ReCAPP) for each facility and against its replacement value. This measure of the ratio of estimated cost to repair work to replacement value is the building industry standard in calculating the facility condition.

All schools that have a FCI equal or greater than 65% are identified as Prohibitive to Repair.

Accessibilty Costs

These costs would include such items as:

- An elevator (if required for a 2-storey school or addition)
- Barrier Free and orthopaedic washrooms
- Proper door handles and automatic door openers
- Ramps, curb cuts and handicapped parking spots

Asset	Technical Instance	Brief Description	Year	Priority	Cost	Still To be Done as of April 2008
Byngmount Beach PS, 5476	04.2-010 Secondary Switchgear	Study - Condition and service capacity of the secondary switchgear	2003	Urgent	\$6,050.00	\$6,050.00
Byngmount Beach PS, 5476	04.2-010 Secondary Switchgear	Replace the secondary switchgear based on the study findings	2004	Urgent	\$72,600.00	\$72,600.00
Byngmount Beach PS, 5476	03.1-010 (HW/S) Boilers	Replace hot water boiler (1)	2006	High	\$96,800.00	\$96,800.00
Byngmount Beach PS, 5476	03.1-190 Terminal Units	Replace terminal units	2003	High	\$157,300.00	\$157,300.00
Byngmount Beach PS, 5476	04.2-060 Cabling, Raceways & Bus Ducts	Study condition of Cabling, Raceways & Bus Ducts	2003	High	\$6,050.00	\$6,050.00
Byngmount Beach PS, 5476	04.2-060 Cabling, Raceways & Bus Ducts	Replace the "Cable, Raceways & Bus-ducts" systems based on the study findings	2004	High	\$278,300.00	\$278,300.00
Byngmount Beach PS, 5476	01.4 Roofing - Original Building	Replace [01.4 Roofing - Original Building]	2004	High	\$363,000.00	\$363,000.00
Byngmount Beach PS, 5476	04.5-040 Communication Systems	Replace and upgrade the public address system	2005	High	\$60,500.00	\$60,500.00
Byngmount Beach PS, 5476	04.3-010 Interior Lighting	Replace interior T12 lighting (All - With new fixtures)	2003	High	\$217,800.00	\$217,800.00
Byngmount Beach PS, 5476	03.3-050 Plumbing Piping Systems	Study condition of plumbing piping	2003	High	\$8,050.00	\$8,050.00
Byngmount Beach PS, 5476	03.3-050 Plumbing Piping Systems	Replace the plumbing piping system based on the study findings	2004	High	\$157,300.00	\$157,300.00
Byngmount Beach PS, 5476	03.1-250 Ventilation Fans	Replace roof exhaust fans (all)	2003	High	\$27,830.00	\$27,830.00
Byngmount Beach PS, 5476	01.3-040 Windows - Original Building	Replace [01.3-040 Windows - Original Building]	2004	High	\$60,500.00	\$60,500.00
Byngmount Beach PS, 5476	03.2 Control Systems	Replace control components	2003	High	\$60,500.00	\$60,500.00
Byngmount Beach PS, 5476	04.3-020 Exterior Lighting	Replace or upgrade the exterior lighting	2003	High	\$14,520.00	\$14,520.00
Byngmount Beach PS, 5476	01.6 Fittings & Equipment - Original Building	Replace [01.6 Fittings & Equipment - Original Building]	2004	Medium	\$48,400.00	\$48,400.00
Byngmount Beach PS, 5476	01.5-070C04 Carpeting - Original Building	Replace [01.5-070C04 Carpeting - Original Building]	2004	Medium	\$31,460.00	\$31,460.00
Byngmount Beach PS, 5476	03.3-030 Domestic Water Heaters	Replace domestic hot water heater (2)	2007	Medium	\$5,445.00	\$5,445.00
Byngmount Beach PS, 5476	03.3-010 Plumbing Fixtures	Replace plumbing fixtures (all)	2004	Medium	\$151,250.00	\$151,250.00
Byngmount Beach PS, 5476	01.3-030 Exterior Doors - Original Building	Replace [01.3-030 Exterior Doors - Original Building]	2006	Medium	\$6,050.00	\$6,050.00
Byngmount Beach PS, 5476	01.3-035 Exterior Door Hardware - Original Building	Replace [01.3-035 Exterior Door Hardware - Original Building]	2006	Medium	\$3,025.00	\$3,025.00
Byngmount Beach PS, 5476	01.5-100 Washroom Accessories - Original Building	Replace [01.5-100 Washroom Accessories - Original Building]	2006	Medium	\$18,150.00	\$18,150.00
Byngmount Beach PS, 5476	01.5-060C01 Paint Walkcovering - Original Building	Replace [01.5-060C01 Paint Walkcovering - Original Building]	2005	Medium	\$72,600.00	\$72,600.00
Byngmount Beach PS, 5476	04.7 Information Technology Systems	Replace or upgrade the information technology system	2007	Medium	\$44,770.00	\$44,770.00
Byngmount Beach PS, 5476	06.6 General Purpose Room - Original Building	The single gymnasium is located at the west side of the school.	2003	Low	\$0.00	\$0.00
Byngmount Beach PS, 5476	06.3 Library Resource Centre - Original Building	The library resource center is located at the east part of the building.	2003	Low	\$0.00	\$0.00
Grand Total					\$1,966,250.00	\$1,966,250.00

Asset	Technical Instance	Brief Description	Year	Priority	Cost	Still To be Done as of April 2008
Lyndwood PS. 6198	03.1-200 Gas Piping System - ALL	Replace [03.1-200 Gas Piping System - Original Building]	2003	Urgent	\$24,200.00	\$0.00
Lyndwood PS. 6198	03.3-050 Plumbing Piping Systems - ALL	Study replacement of the plumbing piping.	2003	High	\$9,680.00	\$9,680.00
Lyndwood PS. 6198	03.3-050 Plumbing Piping Systems - ALL	Replace [03.3-050 Plumbing Piping Systems - Original Building]	2004	High	\$302,500.00	\$302,500.00
Lyndwood PS. 6198	03.1-170 Heating & Cooling Piping Systems Original Building	Study replacement of the heating piping in the Original Building and Addition 1.	2003	High	\$9,680.00	\$9,680.00
Lyndwood PS. 6198	03.1-170 Heating & Cooling Piping Systems Original Building	Replace [03.1-170 Heating & Cooling Piping Systems - ALL] Replaced the heating piping in the Original Building and Addition 1.	2004	High	\$242,000.00	\$242,000.00
Lyndwood PS. 6198	04.2-010 Secondary Switchgear - Original Building	Replace [04.2-010 Secondary Switchgear - Original Building]	2004	High	\$90,750.00	\$90,750.00
Lyndwood PS. 6198	03.1-260 Stacks & Breaching - Original Building	Replace [03.1-260 Stacks & Breaching - Original Building]	2003	High	\$12,100.00	\$0.00
Lyndwood PS. 6198	03.1-010 (HW/S) Boilers	Replace [03.1-010 (HW/S) Boilers - Original Building]	2003	High	\$96,800.00	\$0.00
Lyndwood PS. 6198	01.4 Roofing - General	Replace roofing.	2003	High	\$98,800.00	\$0.00
Lyndwood PS. 6198	04.5-040 Communication Systems - ALL	Replace [04.5-040 Communication Systems ALL]	2004	High	\$30,250.00	\$30,250.00
Lyndwood PS. 6198	04.5-010 Fire Alarm System - ALL	Replace [04.5-010 Fire Alarm System - ALL]	2004	High	\$60,500.00	\$0.00
Lyndwood PS. 6198	04.3-040 Emergency Lighting - Original Building	Replace [04.3-040 Emergency Lighting - Original Building]	2007	High	\$21,780.00	\$21,780.00
Lyndwood PS. 6198	04.2-060 Cabling, Raceways & Bus Ducts - Original Building	Study replacement of the cabling. (ALL)	2003	High	\$9,680.00	\$9,680.00
Lyndwood PS. 6198	04.2-060 Cabling, Raceways & Bus Ducts - Original Building	Replace [04.2-060 Cabling, Raceways & Bus Ducts - Original Building]	2004	High	\$383,000.00	\$350,000.00
Lyndwood PS. 6198	03.2 Control Systems - ALL	Replace [03.2 Control Systems - Original Building]	2007	High	\$96,800.00	\$0.00
Lyndwood PS. 6198	03.1-250 Ventilation Fans - ALL	Replace [03.1-250 Ventilation Fans - ALL]	2007	Medium	\$12,100.00	\$0.00
Lyndwood PS. 6198	01.3-040 Windows - General	Replace seven rooftop exhaust fans.	2004	Medium	\$290,400.00	\$290,400.00
Lyndwood PS. 6198	01.5-070C05 Vinyl Floor Tile - General	Replace windows.	2003	Medium	\$163,350.00	\$163,350.00
Lyndwood PS. 6198	01.5-070C04 Carpeting - Addition 3	Replace vinyl floor tile.	2003	Medium	\$9,680.00	\$9,680.00
Lyndwood PS. 6198	04.3-010 Interior Lighting - Original Building	Replace carpeting.	2006	Medium	\$242,000.00	\$242,000.00
Lyndwood PS. 6198	01.5-100 Washroom Accessories - General	Replace [04.3-010 Interior Lighting - Original Building]	2003	Medium	\$66,550.00	\$66,550.00
Lyndwood PS. 6198	03.3-030 Domestic Water Heaters - ALL	Replace washroom accessories.	2003	Medium	\$1,815.00	\$1,815.00
Lyndwood PS. 6198	04.3-020 Exterior Lighting - ALL	Replace [03.3-030 Domestic Water Heaters - Original Building]	2005	Medium	\$21,780.00	\$21,780.00
Lyndwood PS. 6198	03.3-010 Plumbing Fixtures - ALL	Replace [04.3-020 Exterior Lighting - ALL]	2007	Medium	\$72,600.00	\$72,600.00
Lyndwood PS. 6198	01.6 Fittings & Equipment - General	Replace [03.3-010 Plumbing Fixtures - ALL]	2004	Medium	\$24,200.00	\$24,200.00
Lyndwood PS. 6198	01.6 Fittings & Equipment - General	Replace fittings and equipment.	2004	Medium	\$24,200.00	\$24,200.00

Lyndwood PS, 6198	01.3-030 Exterior Doors - General	Replace exterior doors.	2004	Medium	\$54,450.00	\$54,450.00
Lyndwood PS, 6198	01.5-070C07 Hardwood - Addition 1	Replace [01.5-070C07 Hardwood - Addition 1] - located on the stage.	2005	Medium	\$8,470.00	\$8,470.00
Lyndwood PS, 6198	01.5-055 Interior Door Hardware - General	Replace interior door hardware.	2006	Medium	\$36,300.00	\$36,300.00
Lyndwood PS, 6198	01.5-050 Interior Doors - General	Replace interior doors.	2008	Medium	\$108,900.00	\$108,900.00
Lyndwood PS, 6198	01.5-020 Millwork - General	Replace millwork.	2004	Medium	\$163,350.00	\$163,350.00
Lyndwood PS, 6198	01.3-035 Exterior Door Hardware - Original Building	Replace [01.3-035 Exterior Door Hardware - Original Building]	2004	Medium	\$30,250.00	\$30,250.00
Lyndwood PS, 6198	01.5-080C03 Lath & Plaster Ceiling	Replace lath and plaster ceiling - located in the west wing in the corridors.	2004	Medium	\$66,550.00	\$66,550.00
Lyndwood PS, 6198	01.5-080C02 Suspended Acoustic Panel Ceiling - All	Replace suspended acoustic panel ceiling - located in the corridors in the 1958 addition.	2004	Medium	\$6,050.00	\$6,050.00
Lyndwood PS, 6198	01.5-060C04 Ceramic Wall Tile - General	Replace ceramic wall tile.	2005	Medium	\$24,200.00	\$24,200.00
Lyndwood PS, 6198	06.6 General Purpose Room - Original Building	The general purpose room is located in the west end of the school building.	2003	Low	\$0.00	\$0.00
Lyndwood PS, 6198	06.3 Library Resource Centre - Original Building	The library resource centre is located in the west end of the school building.	2003	Low	\$0.00	\$0.00
Grand Total					\$2,869,515.00	\$2,869,515.00

Asset	Technical Instance	Brief Description	Year	Priority	Cost	Still To be Done as of April 2008
Lyndwood PS, Campus ID 6198 - Site	00.1-018 Stormwater Management Systems - Site	Conduct a study for the replacement of the stormwater management system.	2003	Medium	\$6,050.00	\$0.00
Lyndwood PS, Campus ID 6198 - Site	00.1-018 Stormwater Management Systems - Site	Replace [00.1-018 Stormwater Management Systems - Site]	2004	Medium	\$235,950.00	\$0.00
Lyndwood PS, Campus ID 6198 - Site	00.2-012 Paved Playgrounds - Site	Replace [00.2-012 Paved Playgrounds - Site] - located to the northeast, east, and southeast of the school.	2003	Medium	\$181,500.00	\$181,500.00
Lyndwood PS, Campus ID 6198 - Site	00.2-011 Paved Roadway - Site	Replace [00.2-011 Paved Roadway - Site] - located to the north and south of the school.	2004	Medium	\$30,250.00	\$0.00
Lyndwood PS, Campus ID 6198 - Site	00.2-010 Paved Parking Lots - Site	Replace [00.2-010 Paved Parking Lots - Site] - located to the north and south of the school.	2004	Medium	\$54,450.00	\$0.00
Lyndwood PS, Campus ID 6198 - Site	00.1-017 Site Improvements - Site	Replace [00.1-017 Site Improvements - Site]	2004	Medium	\$24,200.00	\$24,200.00
Grand Total					\$532,400.00	\$441,650.00

Asset	Technical Instance	Brief Description	Year	Priority	Cost	Still To be Done as of April 2008
Neil C Matheson PS, 6391	04 5-040 Communication Systems - Original Building	Replace [04.5-040 Communication Systems - Original Building]	2004	High	\$24,200.00	\$24,200.00
Neil C Matheson PS, 6391	04 5-010 Fire Alarm System - Original Building	Replace [04.5-010 Fire Alarm System - Original Building]	2004	High	\$30,250.00	\$30,250.00
Neil C Matheson PS, 6391	04 3-040 Emergency Lighting - Original Building	Replace [04.3-040 Emergency Lighting - Original Building]	2006	High	\$6,050.00	\$6,050.00
Neil C Matheson PS, 6391	03 5-010 Standpipe Systems - Original Building	Replace [03.5-010 Standpipe Systems - Original Building]	2006	High	\$36,300.00	\$36,300.00
Neil C Matheson PS, 6391	01 4 Roofing - Original Building	Replace [01.4 Roofing - Original Building]	2003	High	\$18,150.00	\$0.00
Neil C Matheson PS, 6391	04 2-010 Secondary Switchgear - Original Building	Replace [04.2-010 Secondary Switchgear - Original Building]	2004	High	\$435,600.00	\$385,000.00
Neil C Matheson PS, 6391	04 3-010 Interior Lighting - Original Building	Replace [04.3-010 Interior Lighting - Original Building]	2007	High	\$24,200.00	\$24,200.00
Neil C Matheson PS, 6391	03 1-170 Heating & Cooling Piping Systems - Original Building	Study[03.1-170 Heating & Cooling Piping Systems - Original Building]	2003	High	\$72,600.00	\$0.00
Neil C Matheson PS, 6391	03 1-170 Heating & Cooling Piping Systems - Original Building	Replace [03.1-170 Heating & Cooling Piping Systems - Original Building]	2004	High	\$6,050.00	\$6,050.00
Neil C Matheson PS, 6391	01 3-030 Exterior Doors - Original Building	Replace [01.3-030 Exterior Doors - Original Building]	2005	High	\$72,600.00	\$72,600.00
Neil C Matheson PS, 6391	03 1-190 Terminal Units - Original Building	Replace [03.1-190 Terminal Units - Original Building]	2003	Medium	\$24,200.00	\$24,200.00
Neil C Matheson PS, 6391	01 3-040 Windows - Original Building	Replace [01.3-040 Windows - Original Building]	2005	Medium	\$60,500.00	\$60,500.00
Neil C Matheson PS, 6391	01 5-070C07 Hardwood - Original Building	Replace [01.5-070C07 Hardwood - Original Building]	2006	Medium	\$151,250.00	\$151,250.00
Neil C Matheson PS, 6391	01 5-070C06 Vinyl Floor Tile - Original Building	Replace [01.5-070C06 Vinyl Floor Tile - Original Building]	2003	Medium	\$12,100.00	\$12,100.00
Neil C Matheson PS, 6391	01 5-070C04 Carpeting - Original Building	Replace [01.5-070C04 Carpeting - Original Building]	2003	Medium	\$24,200.00	\$24,200.00
Neil C Matheson PS, 6391	03 2 Control Systems - Original Building	Replace [03.2 Control Systems - Original Building]	2003	Medium	\$30,250.00	\$30,250.00
Neil C Matheson PS, 6391	04 2-060 Cabling, Raceways & Bus Ducts	Study[04.2-060 Cabling, Raceways & Bus Ducts - Addition 1]	2004	Medium	\$48,400.00	\$48,400.00
Neil C Matheson PS, 6391	04 2-060 Cabling, Raceways & Bus Ducts	Replace [04.2-060 Cabling, Raceways & Bus Ducts - Addition 1]	2003	Medium	\$6,050.00	\$6,050.00
Neil C Matheson PS, 6391	01 5-020 Millwork - Original Building	Replace [01.5-020 Millwork - Original Building]	2004	Medium	\$90,750.00	\$90,750.00
Neil C Matheson PS, 6391	01 5-080C07 Acoustic Tile Ceiling - Addition 2	Replace [01.5-080C07 Acoustic Tile Ceiling - Addition 2]	2006	Medium	\$96,800.00	\$60,000.00
Neil C Matheson PS, 6391	03 3-050 Plumbing Piping Systems - Original Building	Study [03.3-050 Plumbing Piping Systems - Original Building]	2003	Medium	\$18,150.00	\$30,000.00
Neil C Matheson PS, 6391	04 3-020 Exterior Lighting - Original Building	Replace [04.3-020 Exterior Lighting - Original Building]	2003	Medium	\$6,050.00	\$18,150.00
Neil C Matheson PS, 6391	03 3-050 Plumbing Piping Systems - Original Building	Replace [03.3-050 Plumbing Piping Systems - Original Building]	2004	Medium	\$12,100.00	\$6,050.00
Neil C Matheson PS, 6391	03 3-030 Domestic Water Heaters	Replace domestic hot water heaters.	2004	Medium	\$72,600.00	\$12,100.00
Neil C Matheson PS, 6391	03 3-010 Plumbing Fixtures - Original Building	Replace [03.3-010 Plumbing Fixtures - Original Building]	2006	Medium	\$7,260.00	\$72,600.00
			2004	Medium	\$84,700.00	\$7,260.00

Neil C Matheson PS, 6391	01.6 Fittings & Equipment - Original Building	Replace [01.6 Fittings & Equipment - Original Building]	2006	Medium	\$36,300.00	\$36,300.00
Neil C Matheson PS, 6391	01.5-055 Interior Door Hardware - Original Building	Replace [01.5-055 Interior Door Hardware - Original Building]	2005	Medium	\$24,200.00	\$24,200.00
Neil C Matheson PS, 6391	01.5-050 Interior Doors - Original Building	Replace [01.5-050 Interior Doors - Original Building]	2005	Medium	\$60,500.00	\$60,500.00
Neil C Matheson PS, 6391	01.5-060C01 Paint Walkcovering - Original Building	Replace [01.5-060C01 Paint Walkcovering - Original Building]	2004	Medium	\$36,300.00	\$36,300.00
Neil C Matheson PS, 6391	06.6 General Purpose Room - Original Building	The general purpose room is located across from the library in the 1964 wing.	2003	Low	\$0.00	\$0.00
Neil C Matheson PS, 6391	06.3 Library Resource Centre - Original Building	The library is located in the 1964 addition of the school.	2003	Low	\$0.00	\$0.00
Grand Total					\$1,663,110.00	\$1,444,210.00

Asset	Technical Instance	Brief Description	Year	Priority	Cost	Still To be Done as of April 2008
Neil C Matheson PS, Campus ID 6391 - Site	00.2-010 Paved Parking Lots - Site	Replace [00.2-010 Paved Parking Lots - Site]	2003	Medium	\$72,600.00	\$72,600.00
Neil C Matheson PS, Campus ID 6391 - Site	00.2-014 Paved Walkways - Site	Replace [00.2-014 Paved Walkways - Site]	2005	Medium	\$24,200.00	\$24,200.00
Neil C Matheson PS, Campus ID 6391 - Site	00.2-012 Paved Playgrounds - Site	Replace [00.2-012 Paved Playgrounds - Site]	2005	Medium	\$121,000.00	\$121,000.00
Grand Total					\$217,800.00	\$217,800.00