

## SIP 1.6.1—History of Facility Improvements

Aldershot HS

Description	School Year	Cost
New Wall and window in sewing room.	2004	\$1,000
Bus circle widening.	2005	\$14,583
Walkway alterations.	2005	\$12,136
AHU not working. New single stage regulator supplied.	2005	\$1,633
Gymnasium scoreboard replacement	2005	\$5,884
Gym floor replacement.	2005	\$52,760
Add sewing counters, lockable storage cupboards, A/C unit. Make more functional.	2005	\$10,000
Door installation	2005	\$1,621
Door installation	2005	\$1,603
Paint chipped and peeled; some wall damage; ceiling water stained	2005	\$4,971
VCT tiles installed in guidance office and special ed. rooms.	2005	\$8,648
Window screen replacement	2005	\$5,000
Window hardware repair	2005	\$3,500
Repairs to heating pump in boiler rm, faucet repair in staff rm.,leak repairs in staff and girls rm.	2005	\$1,828
Flushed sewer near auto shop,repaired toilets in boys & girls w/r's,isolated rads	2005	\$3,279
Repaired toilet in women's w/r,tightened sci-rm faucets,repairs to girls rm. faucets	2005	\$1,256
#1 pump problem. New starter and fuses.	2005	\$842
Electric torque winch.Ordered by Caretaker and authorized by field supervisor.	2005	\$1,806
Installed 2 new thermostats.Various areas are too hot.	2005	\$1,160
Kitchen equipment repair.	2005	\$1,503
Boiler Replacement	2005	\$338,967
Electrical Distribution Study.	2005	\$2,556
Exterior repairs.	2005	\$73,424
Paint cafeteria walls	2006	\$1,484
Hallway and corridor need painting	2006	\$20,000
Paint 2nd floor hallway and corridor walls; classroom doors/frames and washroom doors	2006	\$4,349
Paint 3 stairwells top to bottom	2006	\$4,104
Asbestos Removal in ceiling tile.	2006	\$60,000
Investigate suspect mould and moisture in gym flooring.	2006	\$6,000
Ceiling tiles in front hallway to be replaced	2006	\$20,000
Accoustical tile need due to high noise level.	2006	\$20,000
Exterior repairs to the pool area.	2006	\$65,000
Carpeting in library and 2 conference rooms	2006	\$13,889
Two coolers replaced in refrigeration system in kitchen.	2006	\$2,699
Installation of new motor and thermostat.	2006	\$1,458
A/H #5 over heating	2006	\$1,279
Replaced faulty valves to isolate coil	2006	\$1,773
Install new coil in woodshop, replace air valve	2006	\$2,397
Trouble condition Fire Alarm System	2006	\$1,211
Replace Roofing on original building.	2006	\$1,400,000
Replace 23 rooftop exhaust fans.	2006	\$36,300

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## SIP 1.6.1—History of Facility Improvements

Aldershot HS

Description	School Year	Cost
Replace pneumatic control system in original building & additions 1&2.	2006	\$50,000
Repair exterior walls.	2006	\$60,500
Repair/add walkways to rear of school	2007	\$6,800
Replaced heats with smokes following renovations	2007	\$509
2007 ACM Remediation: Professional Services - DCS	2007	\$1,007
Asbestos Ceiling Abatement & Re-instatement;extra ceiling work carried over from 07	2007	\$40,567
Asbestos Ceiling Abatement & Re-instatement; extra ceiling work carried over from 07	2007	\$12,139
Remove island, repair patches in lot, provide grade change to playground	2007	\$10,400
Supply and install fence	2007	\$2,811
Paint various locations of the school	2007	\$8,407
Replace condensor unit - upgrade to full water cool - freezer was too warm.	2007	\$2,991
Replaced air filters, ignition control & relay	2007	\$1,608
Sealed leak on heating line, replaced circ. pump	2007	\$1,260
Room 117 thermostat not working. Need 2 thermostat covers in gym.	2007	\$1,262
Install flame safeguard relay	2007	\$1,600
Replaced 2 thermostats and remote control	2007	\$1,789
Installed coil in air handling unit.	2007	\$3,267
Replaced pump motor.	2007	\$1,476
Install new heating coil in air handling unit.	2007	\$2,586
Repairs to gym ventilator.	2007	\$1,194
Hinges, door sweep, Aluminum,	2007	\$1,550
Door - tack and fill seams; cut and reweld	2007	\$1,035
Hinge; door sweep, threshold	2007	\$1,234
Door - weld, fill top cap, tack and fill seams	2007	\$897
Door with Strip; Threshold; Angle	2007	\$247
Replace exterior finishes	2007	\$7,021
Replace heating piping systems	2007	\$12,576
Replace 2 make-up AHU's.	2007	\$3,970
Building-Project	2007	\$12,713
Replace 6 central station AHU's	2008	\$468,232
Replace exterior finishes	2008	\$768,238
Security Panel System Replacement and GSM Cellular Set-up: 2010 Phase-1	2009	\$4,000
The bay doors have reached life expectancy and need to be replaced.	2009	\$10,000
Replaced t-stats and Valve	2009	\$1,856
No heat in room 114, replaced bearing assembly, flow switch, receiver controller and fittings	2009	\$2,461
Service interior door, 2nd flr supply and install new Sentronic closer	2009	\$963
Repairs to fan coil unit in Library ceiling space	2009	\$1,005
Replace bearings and pulley on auto shop AH unit	2009	\$1,090
Diagnose defective evaporator coil and TX valve for curtis cooler, replaced dual flo rach-in blygold coat	2009	\$1,111
Repairs to Library rooftop on North side	2009	\$1,135
GSL1 Stair Lift: replaced defective bottom call station board and broken directional paddle on car, Xpress II Stair Lift manual/ lowering not working - adj top landing limit	2009	\$1,214

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## SIP 1.6.1—History of Facility Improvements

Aldershot HS

Description	School Year	Cost
Supply lab and mat to remove and replace hydraulic hose as per TSSA directive	2009	\$1,295
Install new step up transformer to main booster hott water tank. Rewire same and install new 60 amp. 3 phase contactor to suit	2009	\$1,314
Corrected office temperature problems	2009	\$1,342
Repairs to auto shop air handler, replaced receiver controller and sensor	2009	\$1,497
Noisy bearings in Fitness Room 100, replaced blower wheels and bearings	2009	\$1,511
Supply and install three new magnetic door hold devices to fire alarm	2009	\$1,554
Computer tech room cold: replaced bearings, pulleys, bushings	2009	\$1,586
Supply all lab and mat to repair exterior concrete column and repair interior wall board	2009	\$1,852
Performed repairs to the autoshop air handling system, incl replacement of defective motor, pulley and starter	2009	\$2,140
Repair dishwasher boiler, replaced gas valve, flow switch, bearing assembly and gaskets	2009	\$2,285
Replace condensing unit	2009	\$4,963
JE 2010-09-JEU-27: Reallocate Autoshop Doors expense	2009	-\$6,049
New asphalt for front/rear parking lots and new line painting, new curbs	2010	\$125,000
Doors / frames	2010	\$5,000
Eye wash stations required per Ministry regulations for school (general areas).	2010	\$3,000
New sink requested. New cupboard required to hold sink.	2010	\$5,000
Asphalt track replacement.	2010	\$250,000
Domestic Hot Water storage tank ACM removal	2010	\$8,684
Install booster heater	2010	\$2,364
Emergency lighting repairs	2010	\$2,074
Repairs sunken areas of field	2010	\$3,065
Group relamping	2011	\$15,000
Cross connection control equipment required as per Halton By-law 157-05	2011	\$5,000
Replace damaged asphalt	2011	\$60,000
Repair playing field sod	2011	\$50,000
Chimney masonry	2012	\$30,000
Carpet is beyond repair. FOS funds not sufficient	2012	\$17,000
PA system so poor that lock downs become dangerous as messages not heard	2012	\$30,000
PA system so poor that lock downs become dangerous as messages not heard	2013	\$30,000
Carpet is beyond repair. FOS funds not sufficient	2013	\$17,000
Chimney masonry	2013	\$30,000
Painting and cabinets	2013	\$5,637
Locker replacement required due to extensive damage.	2015	\$40,000
Unit ventilator Replacement	2015	\$36,000
Renovate Washrooms and Replace plumbing/fixtures.	2015	\$300,000
<b>Total cost of 10-yr of completed renewal projects</b>		<b>\$4,811,738</b>

## SIP 1.6.1—History of Facility Improvements

### Burlington Central HS

Description	School Year	Cost
The frame on the large window above the Baldwin Street Aud entrance is rotted	2004	\$10,000
The east lane that serves Central Public and BCHS needs to be repaved and widened	2004	\$15,000
Roof access-fall prevention.	2004	\$1,000
Kitchen Hood and Exhaust System Access	2004	\$20,000
Kitchen venting/exhaust upgrade.	2004	\$30,000
Vent pipe.	2004	\$25,000
Distribution system Repairs and Upgrade	2004	\$10,000
Fluorescent Group Re-lamping Progam	2004	\$25,000
Supply and install window film.	2004	\$2,701
Painting of 2nd floor Girls and Boys Washrooms.	2004	\$435
Paint the centre staircase and hall to the library.	2004	\$1,717
Painted west gym, north, central stairwells, repaired drywall and painted classrooms	2004	\$11,180
Paint the weight room.	2004	\$1,969
Repair concrete/tile in the boys washroom.	2004	\$1,231
Science lab outdated and unsafe. Cannot support program.	2005	\$150,000
Below the blue and gold lines-chipped	2005	\$3,500
Painting of gym wall.	2005	\$2,440
2-stats to be replaced.Installed new stat guards,motor,starter switch,overload.	2005	\$1,850
Battery units install in interior classrooms and egress corridor.	2005	\$1,000
Gym floor resurfacing.	2005	\$10,633
PA Replacement	2005	\$35,000
Three stainless steel table tops fabricated and installed.	2005	\$3,075
Replace original 1940's cupboards in Family Studies (#102) room. Bring up to modern standards.	2005	\$39,000
Drapery replacement	2005	\$1,539
619 lockers painted. 160 new lockers installed.	2005	\$10,070
Replaced traps,repared toilets,repared faucets,repared coil & pump.	2005	\$3,900
Repaired heating pump,replaced air vents,replaced circ.pump motor,snaked drains	2005	\$3,118
Repaired 2 toilets in girls washroom,repared toilet in staff rm., changed flush valve in boys w/r	2005	\$3,914
Replace Cushion Tank.	2005	\$5,000
Replaced heating pump motor and bearing assembly 3rd floor fan room.	2005	\$1,710
Repairs to change room exhaust fan.New motor,starter switch,overloads,belt guard.	2005	\$1,261
Check of low temp and flame. Honeywell aquastat, Johnson Stat and stat wire.	2005	\$1,091
New ducting for lab cabinets.	2005	\$2,525
Installed one fire shutter and hardware.	2005	\$4,137
Repairs to west courtyard side exit door.	2005	\$1,717
Table tops/kitchen. Sanded wood on old tops, installed new tops.	2005	\$3,075
Dishwasher repair,thermostat replacement on steam table unit and one new heater element.	2005	\$1,494
Window Replacement	2005	\$29,659
Roof Replacement	2005	\$416,298
Boiler Replacement	2005	\$274,177

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## SIP 1.6.1—History of Facility Improvements

### Burlington Central HS

Description	School Year	Cost
Gym A/B was not resurfaced when C was	2006	\$10,000
The floor tiles on the third floor are asbestos and are lifting/cracking/deteriorating	2006	\$20,000
VCT tiles on 3rd floor halls, vinyl base & mat.	2006	\$2,090
VCT tiles and Vinyl base	2006	\$6,717
Install new wood trim, skim coat V.C.T, and remove wax from V.C.T	2006	\$5,972
Install steel plate and new rubber stair treads - re-skim with masonry mix	2006	\$10,144
Stairs are in need of renovation; no ramp access	2006	\$50,000
Remove stair treads and install steel plates and new rubber stair treads with rise cover	2006	\$12,694
Move/shorten drapes, new IBeam track	2006	\$3,036
To build outdoor shed	2006	\$1,265
Back & Football Field 5 yards of 3/4	2006	\$295
Granular A, 9 yards delivered	2006	\$466
Install steel sheets	2006	\$328
Replace boys washroom plumbing fixtures	2006	\$1,512
New motor boiler #1	2006	\$2,062
Repairs to boiler room, mens staff & boys tech wing	2006	\$1,133
Install cleanout into vent line for drinking fountains in cafeteria;new roof drain in girls	2006	\$439
Replaced damaged fans on aaf units	2006	\$1,153
Installation of new thermostat, modulating kit & cover.	2006	\$1,468
Replaced heating pump in boiler room.	2006	\$1,208
No heat in small gym	2006	\$1,031
No heat in music room	2006	\$1,884
No heat in room 206, materials replaced	2006	\$2,421
Motor and base replacement in auto shop.	2006	\$1,291
Replace blower assembly on entrance heater	2006	\$1,220
VCT Flooring replacement.	2006	\$2,487
VCT Flooring replacement.	2006	\$2,511
Repairs to auditorium lighting.Pot lights and all fluorescent fixtures.	2006	\$1,040
Install fire alarm operated door retainer magnets on wall;repairs to lighting & switching	2006	\$1,077
The existing outdoor storage shed is literally falling down.	2006	\$10,000
The remainder of the windows replaced.	2006	\$150,000
Replace caulking at expansion joints and windows.	2006	\$72,600
Repair masonry mortar joints.	2006	\$90,750
Perform asbestos ceiling abatement and re-instatement	2007	\$7,844
Perform asbestos ceiling abatement and re-instatement as per tender - June 12th	2007	\$23,232
The intermediate music room needs ot be located in the intermediate area.	2007	\$20,000
The third floor washrooms are 85 years old!!	2007	\$10,000
The 2nd floor washrooms have no access and are unsightly - 85 years old!	2007	\$10,000
Install drapery/blinds - school	2007	\$1,331
Install drapery/blinds - various locations	2007	\$897

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## SIP 1.6.1—History of Facility Improvements

### Burlington Central HS

Description	School Year	Cost
Supply and install rollershades	2007	\$2,377
Supply and install VCT flooring	2007	\$1,367
Hardwood flooring in 3rd floor office	2007	\$799
Install new receptacle	2007	\$152
Installed shut-off valves and check valves on 3 bradleys in gym wing	2007	\$1,399
Removed section of galvanized and copper water lines and replaced with new copper.	2007	\$2,442
Noisy pump; replaced seal bearing assembly & coupling	2007	\$1,028
Boilers not working. Replaced pilot burner assemblies & starter.	2007	\$1,914
To replace exhaust fan.	2007	\$1,728
Various problems with rooms being too cold. Install control valve and motor.	2007	\$2,494
Replaced motor and blower wheels	2007	\$1,306
Various repairs.	2007	\$927
Replaced flange and pump housing tech wing; replaced bearing assembly 2nd floor mech room	2007	\$1,111
Replace air compressors; various other repairs	2007	\$1,076
Refrigeration not cold enough - defective compressor	2007	\$2,203
Display case not cold enough. Install water cooled condensor	2007	\$2,530
Relocate intermediate music room to music room wing	2008	\$185,000
Room 306 floor is lifting exposing asbestos tiles.	2009	\$5,000
Security Panel System Replacement and GSM Cellular Set-up: 2010 Phase-1	2009	\$4,000
Too cold	2009	\$1,003
Too hot, replaced sensor and control	2009	\$1,378
Serviced A/C	2009	\$1,048
Various door repairs, paint, etc - as per Fire Dept Inspection Report (part of multiple invoice project)	2009	\$310
Various door repairs, paint, etc - as per Fire Dept Inspection Report (part of multiple invoice project)	2009	\$444
Various door repairs, paint, etc - as per Fire Dept Inspection Report (part of multiple invoice project)	2009	\$666
Boilers not working	2009	\$1,012
Supply misc doors and parts	2009	\$1,012
Various door repairs, paint, etc - as per Fire Dept Inspection Report (part of multiple invoice project)	2009	\$1,024
Opened up floor and replaced toilet flange	2009	\$1,145
Replace ignition module on old boiler 1	2009	\$1,176
No heat on 1st, 2nd or 3rd flr stairwells, found 2 pumps not working, unplugged 2 fountains	2009	\$1,183
Supply misc doors and parts	2009	\$1,191
Computer rooms too hot, replaced t-stat, kit and relay	2009	\$1,226
Repairs to lighting in gen l areas, fans, aud. Hall lights, repairs to switching and gym lights	2009	\$1,249
Old boilers not working	2009	\$1,252
Replace freezestat on Auditorium AH unit	2009	\$1,271
Replaced motor - re: shop wing circ pump noisy	2009	\$1,350
Various door repairs, paint, etc - as per Fire Dept Inspection Report (part of multiple invoice project)	2009	\$1,427
Open, clean and check boiler 1	2009	\$1,440
Replaced t-stats and element - re: stage area overheating	2009	\$1,516
Machine Shop too cold and to check air quality in Library	2009	\$1,520
Test and Flow Fire Hose, plus assorted supplies	2009	\$1,642

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## SIP 1.6.1—History of Facility Improvements

Burlington Central HS

Description	School Year	Cost
Installed auto flushers on urinals in mens	2009	\$1,665
Repairs to two boilers	2009	\$1,785
Assorted heating repairs	2009	\$1,967
Replaced motor and tstats - various classrooms too cold	2009	\$2,605
Install locking gate on auditorium ladder, install safety cage on third floor fan room ladder and install safety bar on roof latch	2009	\$3,612
Paint kitchen	2009	\$565
Paint Rm. 206 & Student Services rm	2009	\$1,808
Supply & install rollerblinds, draperies and various track components and tracks - Main office, Tech office, Rmd: 206, 125, 213, 215, 217, 219, 231, 233, 327, 304, 308, 127, 129, 133	2009	\$3,626
No blacktop for elementary students. Convert portion of north parking lot to blacktop.	2010	\$12,000
Eye wash stations required per Ministry regulations for school (general areas).	2010	\$3,000
Thru-wall installation at 2nd floor science wing to tie-in along library wall (200' length)	2010	\$100,000
Replace deteriorating sound boards	2010	\$15,000
Replaced pump amd actuator troubleshooting for no heat	2010	\$2,378
Replaced pulley, belts and heater elements	2010	\$2,926
Temp. roof repairs	2010	\$1,779
Temp repairs to roof area (leak in auto shop)	2010	\$1,805
Applied temp sealant to splits re: ceiling leak	2010	\$1,812
Completed core samples of roofing (east wall)	2010	\$1,867
Roof repairs leaks in rooms 150 and 152	2010	\$9,746
Concrete repairs at front walkway	2010	\$1,635
Remove existing roof top air conditioning install new compressors	2011	\$4,625
Window/door/canopy system replacement-Auditorium entrance and misc. doors	2011	\$75,000
Cross connection control equipment required as per Halton By-law 157-05	2011	\$5,000
Roofing replacement-Section S	2011	\$200,000
Replace seating HDSB \$20K contribution	2011	\$20,000
Group Relamping	2011	\$15,000
Renovate 2 original washrooms (1922) 2nd floor	2011	\$50,000
Renovate boys and girls washroom stall.	2011	\$50,000
Weeds growing through the original rendering it unsafe. The principal has shut it down.	2011	\$300,000
Doors 5 and 6	2012	\$8,000
Repair masonry on walls	2012	\$100,000
Install gas fired make up air units	2012	\$40,000
Main hall floor	2012	\$15,000
Install gas fired make up air units	2013	\$40,000
Main hall floor	2013	\$15,000
Doors 5 and 6	2013	\$8,000
Repair masonry on walls	2013	\$100,000
Ductless AC	2013	\$5,369
<b>Total cost of 10-yr of completed renewal projects</b>		<b>\$3,177,927</b>





## SIP 1.6.1—History of Facility Improvements

Lester B. Pearson HS

Description	School Year	Cost
Partial parking lot.	2004	\$60,000
Roof access-fall prevention.	2004	\$1,500
Replace roof top unit.	2004	\$450,000
Locker bay replacement. Shared cost FOS/program. See FOS listing for remainder of cost.	2004	\$16,100
Priority #4 Extensive water damage.	2004	\$1,500
Locker bay replacement. Shared cost FOS/Program.	2004	\$16,100
Worked with flusher truck to unplug sewer	2004	\$694
Excavated the sanitary sewer and replaced section of pipe, inspected and back filled.	2004	\$4,370
Emergency repairs to prep and room 216. H&S issue in Science Room.	2004	\$4,975
Asphalt Work	2005	\$4,876
S&I new lab exhaust fan.	2005	\$6,077
Steeple Jack.	2005	\$17,252
Require a ramp for access between school & portapack	2005	\$400
Paint peeling & not done in 25 years	2005	\$10,000
Paint has dramatically deteriorated & peeling off walls	2005	\$8,257
Paint is peeling off walls & colour has faded. has not been done in 25 years	2005	\$5,000
Installation of new flooring.	2005	\$3,195
Repairs/upgrades to existing track & drapes	2005	\$2,000
Pruning of trees	2005	\$1,552
Repair refrigerant leak.	2005	\$1,136
Pressure test gas lines and repairs to science rooms.	2005	\$2,011
Ongoing repairs.	2005	\$2,000
Roof Replacement	2005	\$321,993
Installed new dark brown dymonic sealant	2006	\$2,639
Catwalk Structure	2006	\$2,756
Remove asphalt, re-grade area, filled pot holes	2006	\$2,624
The carpet in drama room has deteriorated & is unsafe	2006	\$5,000
Carpet in drama room, vinyl base and metals	2006	\$3,284
Asbestos removal ceiling tile.	2006	\$60,000
Install 2 pairs	2006	\$1,301
paint & supplies	2006	\$358
VCT & vinyl base	2006	\$3,198
VCT & vinyl base	2006	\$2,973
VCT flooring	2006	\$2,864
VCT & Vinyl Base	2006	\$3,309
Remove light and re-locate wiring; install floor joist under decking	2006	\$1,841
Replace faucet,fountain,slop sink faucets	2006	\$1,313

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## SIP 1.6.1—History of Facility Improvements

Lester B. Pearson HS

Description	School Year	Cost
Remove old and install new Pneumatic air dryer.	2006	\$2,554
Switches, boxes, low profile threshold installed.	2006	\$2,067
Enclosure of base of portable, installation of one way doors, dress & seed - spring 2007.	2006	\$3,652
Replace roof coverings (all).	2006	\$1,350,000
Replace ventilation fans.	2006	\$30,250
Window Replacement	2007	\$130,000
Install catwalk in cafeteria.	2007	\$150,000
Catwalk Structure; structural engineering	2007	\$538
Catwalk Project - Disbursements.	2007	\$44
Professional Services Catwalk Project - Follow-up/review/discuss.	2007	\$1,601
Catwalk Structural Engineering	2007	\$171
Supply & install draperies - Concordia Chocolate & new I-Beam tracks	2007	\$1,510
Paint a mural & all exterior walls	2007	\$3,871
Supply & install VCT & vinyl base on concrete	2007	\$2,783
Supply & install VCT & Vinyl base on concrete	2007	\$3,029
Repairs to boiler #1.	2007	\$5,263
To replace fire bricks in boiler #3	2007	\$10,262
Exhaust fan #12 is tripping.	2007	\$1,125
Animal habitat under building. Unpleasant odours.	2007	\$2,000
Replace existing atrium windows and repair roof and masonry tie-in	2009	\$100,000
Replace playing field grass 100 x 40 yds wide.	2009	\$40,000
Security Panel System Replacement and GSM Cellular Set-up: 2010 Phase-1	2009	\$4,000
Mechanical folding partition - major repairs per inspection.	2009	\$5,000
EIFS system for cafeteria masonry perimeter due to no through wall flashing.	2009	\$60,000
Eye wash stations required per Ministry regulations for school (general areas).	2010	\$3,000
2011 Group Relamping/Reballasting	2010	\$15,000
Install hydraulic hose and carry out safety tests.	2010	\$3,599
Replace pullies on rooftop units. Repairs to heaters	2010	\$3,645
Skylight replacement	2010	\$1,737
Install exhaust fan replace electrical baseboard heaters	2010	\$6,264
Replace existing rubber gym floor with hardwood	2011	\$70,000
Cross connection control equipment required as per Halton By-law 157-05	2011	\$5,000
Pipe in eyewash station required.	2011	\$7,500
Replace playing fields	2011	\$15,000
Repointing of bricks and ledge to prevent further water damage	2011	\$5,000
<b>Total cost of 10-yr of completed renewal projects</b>		<b>\$3,079,913</b>

## SIP 1.6.1—History of Facility Improvements

M.M. Robinson HS

Description	School Year	Cost
Parking lot.	2004	\$90,000
Extensive repairs over pool roof sections A, D & G	2004	\$110,000
Ventilation required	2004	\$7,790
TSSA compliance repairs	2005	\$3,500
Replace 27.6 KV Insulators.	2005	\$3,467
Repainted lockers on 2 floors (2 coats) front pillars and outside front doors.	2005	\$12,556
Install V.C.T. and Base in 2 classrooms.Level and prep floor in Rm.107.	2005	\$4,759
Replaced cracked fountain on main floor,repaired toilets in boy's & girls w/r's (1st & 2nd fl).	2005	\$2,495
Replaced fountain in gym wing.	2005	\$1,896
Removed heating pump and reinstalled with repairs completed.	2005	\$1,055
Install new high level sump pump alarm switch.New dishwasher booster heater controls.	2005	\$496
Library unit leaking.Replaced suction filter,liquid drier,changed refrigerant.	2005	\$2,771
Gas testing and repairs in science room.	2005	\$1,775
Repair air flow problem to gym and mens washroom.	2005	\$1,381
Repairs to unit. New blower,bearings,belts.	2005	\$2,569
Repairs to stairwell heater.Installed 2 blower assemblies,metal plates,& switch.	2005	\$2,174
Rooftop duct insulation in the pool area.	2005	\$4,226
Repairs to air compressor.	2005	\$1,103
Removed existing high wattage flood and changed for high wattage wall pack per police recomm.	2005	\$546
Boiler Replacement	2005	\$503,952
Install air conditioning in fitness Ctr-gym 4. Cost shared 50%	2006	\$40,000
Asbestos removal (ceiling tile).	2006	\$60,000
Remove asbestos debris above lockers in hallway.	2006	\$15,000
Mechanical folding partition repairs	2006	\$2,500
Repair stage; hardware/drapery	2006	\$2,120
Install ventilation and electrical upgrades	2006	\$2,120
Remove old tile glue down carpet	2006	\$4,876
Remove carpet and Tile. Install new base and tile.	2006	\$2,301
Tile repair	2006	\$2,486
Removal of flooring	2006	\$1,500
RONA - PLY SPR STD	2006	\$323
Removed two heating pump motors, ordered new motors and installed.	2006	\$3,244
Installation of bearings and motor re exhaust fans	2006	\$1,679
Compressor on Carrier Unit changed.	2006	\$6,462
New bypass valve.	2006	\$1,077
Remove and replace suspected mould damaged ceiling tiles in room 106.	2006	\$212
Water damage. System restored, repairs made.	2006	\$4,917
Replace 17 rooftop & 2 central exhaust fans.	2006	\$36,300
Replace the pneumatic control system.	2006	\$50,000
Laneway at east side of school	2007	\$10,000

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## SIP 1.6.1—History of Facility Improvements

M.M. Robinson HS

Description	School Year	Cost
Replace Double Entrance Doors on the 2nd floor Mezzanine front and back	2007	\$4,000
Drapes & hardware as discussed	2007	\$2,921
Paint office	2007	\$2,845
Supply labour & material to complete installation of new floor	2007	\$3,952
Install ventilation & electrical upgrades	2007	\$2,038
Supply labour & material to complete installation of drywall	2007	\$6,526
Repaired heating pump in penthouse. Removed pump for repair-unrepairable. Replaced pump motor.	2007	\$1,828
Replaced heating pump; found heating pump completely worn out inside needs replacing	2007	\$2,410
Supply and install custom built replacement three phase panel on 3rd floor.	2007	\$3,150
Refasten handrail into terazzo steps; replace t-bar ceiling tile due to water damage and staining	2007	\$1,932
Replace six hot water circ pumps.	2007	\$16,717
Replace 7 central station AHU's	2007	\$540,079
The double and small gym floors need to be refinished and lines repainted	2008	\$25,000
Exterior Windows with coverings (excludes tech wing)	2009	\$200,000
Window replacement and wall infrastructure reinforcement.	2009	\$75,000
Replace pool parking lot asphalt. Poor condition.	2009	\$35,000
Replace plying field grass 100 x 40 yds.	2009	\$40,000
There are holes in the track which present a safety concern	2009	\$15,000
The walkway outside of Tech Wing is not safe.	2009	\$20,000
The paint is fading in the library.	2009	\$3,000
Paint is peeling in these stairwell.	2009	\$3,000
The library floor has become unsafe because of the number of holes.	2009	\$10,000
Group Relamping	2009	\$20,000
P.A. System upgrade for emergency communication to pool etc.	2009	\$5,000
Security Panel System Replacement and GSM Cellular Set-up: 2010 Phase-1	2009	\$4,000
Repairs to air systems	2009	\$1,080
Unplugged art room sink, unplugged fountain, repaired bradley, repaired slop sink, repaired toilets and repaired urinal drain	2009	\$1,139
Check temp problems in Rms 123 and 125, boiler 3 locking out - replaced t-stat	2009	\$1,172
Pipes vibrating in Room 121, replaced actuator body and fittings	2009	\$1,334
Water leak on DHW boiler, replaced motor and flow switch	2009	\$1,345
Picked up and installed leach pump, removed circ motor for repair	2009	\$1,469
Lighting repairs to gym 1 and 3, fan rm, art rm, library hall, main foyer, theatre	2009	\$1,568
Repairs to lights in machine shop, science hall, high foyer, library high ceiling, cafeteria, gym offices	2009	\$1,615
Replaced bearing assemblies, air vents and pressurized heating system	2009	\$1,844
Heat pump and heating line repair, repaired fountain	2009	\$2,156
Repair existing pneumatic controls for fan F1, replaced conrols, relays, fittings, sensors and guages	2009	\$4,082
Replace faulty 3-way heat injection valve for fan F-1 serving 3rd floor, North wing, replaced valve, gasketts, flange, strainer, screen and bolts	2009	\$6,300
Replaced actuator and diaphragm - re: tech wing overheating	2009	\$1,658
Replacement of Carpet (cost shared with Contractual Renewal budget) (PO 0250003096)	2009	\$7,396

Continued on next pg...

## SIP 1.6.1—History of Facility Improvements

M.M. Robinson HS

Description	School Year	Cost
Paving of East Entrance Laneway (PO 0250003110)	2009	\$4,153
Eye wash stations required per Ministry regulations for school (general areas).	2010	\$3,000
Exterior brick wall rebuild-brick deteriorated, dislodged and spalling.	2010	\$75,000
Rebuild overhead garage door	2010	\$1,808
Roof repairs	2010	\$10,128
Misc mechanical	2010	\$16,183
Replaced motor and bearing assembly pump	2010	\$1,616
Floor repair	2010	\$6,744
Misc electrical repairs as per ESA inspection report	2010	\$2,297
Repair various leaks	2010	\$1,912
The present carpet tis ripping in several areas	2011	\$15,000
Cross connection control equipment required as per Halton By-law 157-05	2011	\$5,000
Roof replacement Section K1 (east side)	2011	\$75,000
Replace playing fields.	2011	\$25,000
Both interior and exterior doors are unsightly, chipped or damaged	2011	\$35,000
Replace elevator	2011	\$500,000
Replace synthetic track surface and update entry gate for accessibility	2011	\$150,000
Replace DHW boiler and dhw/dcw pumps	2012	\$120,000
Asphalt, Tennis Court & Fence plus associated grounds are deteriorating and unsafe	2012	\$65,000
Install gas fired make up air units	2012	\$40,000
Remodel the room, using existing shelving, to accomodate program delivery	2012	\$5,000
Replace library roof sections I and J	2012	\$100,000
Asphalt, Tennis Court & Fence plus associated grounds are deteriorating and unsafe	2013	\$65,000
Replace library roof sections I and J	2013	\$100,000
Replace DHW boiler and dhw/dcw pumps	2013	\$120,000
Install gas fired make up air units	2013	\$40,000
Remodel the room, using existing shelving, to accomodate program delivery	2013	\$5,000
<b>Total cost of 10-yr of completed renewal projects</b>		<b>\$3,671,025</b>

## SIP 1.6.1—History of Facility Improvements

Nelson HS

Description	School Year	Cost
Partial parking lot.	2004	\$60,000
Replace wooden structure and 750KVA Outdoor Transformer	2004	\$70,000
Lighting is poor in the school entrance	2004	\$10,000
Vertical blinds in main office area.	2004	\$1,143
Carpet and tile main office, meeting room and halls within.	2004	\$13,485
VCT flooring in staff men's washroom.	2004	\$755
Staff flooring in coat room. Replaced.	2004	\$852
Install exhaust system in photo lab.	2004	\$5,474
Complete TSSA repairs installed BX mount mount stand, control box, probes and upgrades.	2004	\$7,457
Repair exhaust fan ducting.	2005	\$9,611
Roof top exhaust fan replacement.	2005	\$10,058
Masonry and concrete structural column repairs.	2005	\$10,000
Paint Rms. 101,103,105,106,108,113,119 & 120.	2005	\$10,995
Replace existing tile with new tile.	2005	\$4,833
Pressure test and repairs to gas lines in science rooms.	2005	\$1,875
Window Replacement	2005	\$518,928
Boiler Replacement	2005	\$501,351
Repaire sleeper supports and wall flashing leak	2006	\$1,863
Asbestos removal ceiling tile	2006	\$60,000
Replace deteriorated secondary term + damaged interlock assembly on 5kv switchgear	2006	\$10,000
New drywall for room. 2 coats, 1 primer & 1 finish	2006	\$1,823
Bleacher replacement project	2006	\$235,000
Renovate the math office, room 208, drama and art room on 1st floor	2006	\$30,608
Concordia Black side drapes and new drama room exterior	2006	\$1,887
Supplied and installed 14 curbs.	2006	\$1,707
Install 14 curbs.	2006	\$1,707
Replaced exhaust fan in kitchen.	2006	\$1,387
Auto shop fume hood,new motor,pulley,starter switch.	2006	\$1,158
Install guard & extensions on exhaust fan 2nd floor	2006	\$1,285
Install new compressor, refrigerant, pressure controls	2006	\$5,316
Installation of new thermostat and power diaphram.	2006	\$1,313
Air movement poor in library.Installation of motor actuator.	2006	\$2,264
3way valve heating problem	2006	\$1,038
Installed new mod kit and thermostat.need new rod valve	2006	\$1,590
Installation of new motor,pulley, starter switch.	2006	\$1,158
Exhaust fans repaired in Science Rooms.	2006	\$1,113
Replaced steam trap on air handler unit 2nd floor	2006	\$1,460
Installation of igniton control and pilot assembly air unit for kitchen	2006	\$1,097
Asbestos check.	2006	\$1,415
Emergency lighting repairs.	2006	\$1,042

Continued on next pg...

## SIP 1.6.1—History of Facility Improvements

Nelson HS

Description	School Year	Cost
Door replacement.Threshold,panic bar,weatherstripping,set of ball bearing hinges and closers.	2006	\$3,933
Replaced door,frame,weather stripping,push plate,pull handle,threshold.	2006	\$5,018
Replaced hollow metal door,frame,weatherstrip,brush sweep,closer,surface bolts.	2006	\$1,083
Install hollow metal door & frame complete with hardware.	2006	\$1,781
Install hollow metal door & frame complete with hardware.	2006	\$1,781
Install hollow metal frame,door,weatherstrip,brush sweep,threshold,closer and panic bar.	2006	\$1,539
Partial replacement of roof.	2006	\$1,500,000
Replace ventilation fans.	2006	\$60,500
Replace spalling & deteriorating bricks on both chimney's.	2006	\$60,000
Heat exchanger and valve replacement.	2007	\$20,000
Temperature control modifications.	2007	\$4,000
Outdoor scoreboard replacement	2007	\$40,000
Replace interlock assembly and secondary cable terminations	2007	\$8,745
Install new Forbo marmoleam vinyl to c/w lift and disposal of existing carpet	2007	\$9,103
Replace existing cameras with VDC455	2007	\$4,610
Install video display system for cafeteria	2007	\$6,185
To adjust water levels. Replaced head mechanism.	2007	\$2,477
Stripped and cleaned peeling paint in the mens washroom and painted ceiling	2007	\$1,570
Clean and flush boilers and condensate tank.	2007	\$1,597
Various repairs	2007	\$1,350
Installed accumulator, coupling & crankcase heater. Charged system with refrigerant.	2007	\$1,421
Music Room M1-no air going into room.	2007	\$1,005
No air going into room. Installed new belts.	2007	\$1,005
Respond to emergency call regarding arching condition on entrance; temp. repairs	2007	\$2,539
Scoreboard; engineers stamped drawings and site inspection	2007	\$709
Electric door replacement	2007	\$15,016
Playing field has not been maintained. Artificial turf should be considered	2009	\$500,000
Replace 3-dry type single phase transformers.	2009	\$30,000
Insulate primary high voltage switch protection.	2009	\$5,000
Replace substation fence posts and replace grounding system.	2009	\$8,000
Security Panel System Replacement and GSM Cellular Set-up: 2010 Phase-1	2009	\$4,000
Investigate smell in central office area, replaced diaphragm	2009	\$1,031
Office rooftop unit has no heat, replaced ignitors, switch, bracket and sensor	2009	\$1,101
Replaced bearing and coupling on SF 1 circ pump	2009	\$1,123
Repaired sections of hot water heating lines, picked up materials and began connecting coil in incinerator room	2009	\$1,190
Removed low water cut off and installed new one, Had electricians run new wire, ran and tested boiler	2009	\$1,424
Replaced 3 remaining shower valves in boys shower room, repaired fountain on 2nd flr	2009	\$1,564
Emergency Lighting repairs as per Annual Inspection	2009	\$1,777
Replaced t-stat, cover and transducer - re: too hot in staff room and rm. 203	2009	\$1,898
Installed coil in air handling unit in incinerator room	2009	\$2,072

Continued on next pg...

## SIP 1.6.1—History of Facility Improvements

Nelson HS

Description	School Year	Cost
Repairs to library and gym Honeywell BAS units	2009	\$2,377
Check boilers for TSSA repairs, replaced steam valves	2009	\$2,930
Respond to emergency call regarding single phase condition, arranged ESA inspection	2009	\$3,153
MUA leaking on gym floor, replaced coil, pipe, fittings	2009	\$5,974
Rubber Flooring - Gym (PO 0310005010)	2009	\$11,333
Eye wash stations required per Ministry regulations for school (general areas).	2010	\$3,000
Excavate and repair pipe repave large sink hole	2010	\$3,014
Install new door holders	2010	\$1,517
Misc mechanical	2010	\$20,555
Misc electrical repairs	2010	\$3,663
Repairs per annual inspections	2010	\$3,255
Hallway windows leaking	2010	\$1,668
Exterior door and frame system replacement	2011	\$30,000
Group relamping	2011	\$15,000
Cross connection control equipment required as per Halton By-law 157-05	2011	\$5,000
Replace playing field lights. City of Burlington to pay 50%.	2011	\$125,000
Repair playing field fencing	2011	\$5,000
Replace office HVAC unit	2011	\$25,000
Cut and prune trees and bushes around playing field adjacent to city buildings.	2011	\$5,000
Roof replacement Section 601	2011	\$10,000
Replace Hot Water Boilers	2012	\$55,692
Address safety issues on system running tracks	2012	\$20,000
Address safety issues on system running tracks	2013	\$20,000
Replace Hot Water Boilers	2013	\$55,692
Roller blinds	2013	\$9,074
Replace existing exterior windows and renovate building envelope.overhead courtyard.building link	2015	\$100,000
Design consultant to prep for 2017 construction. Nelson Stadium agreement.	2015	\$25,000
<b>Total cost of 10-yr of completed renewal projects</b>		<b>\$4,489,092</b>



## SIP 1.6.1—History of Facility Improvements

Robert Bateman HS

Description	School Year	Cost
Emergency Repair of Boiler.	2004	\$34,518
Special Ed project as per Brenda K.	2004	\$27,000
Paint doors and frames Main Entrance,Corridors,Office,Stairwell.	2004	\$18,776
6 Fresnel and 6 Licko lights for stage.	2004	\$6,650
PA Replacmeent	2004	\$12,000
Deployment of Existing Cameras to Accommodate H.S. Amalgamation Expansion	2004	\$5,000
Changed filters on units in suspected asbestos areas.	2005	\$3,788
Renovation of Staff Work Room.	2005	\$22,914
Running Track replacement.	2005	\$200,000
Roof access-fall prevention.	2005	\$16,000
Roof Replacement.	2005	\$3,067
Replace floor tiles in main corridor.	2005	\$15,000
Replace entire roof.	2006	\$1,500,000
Replace boilers	2006	\$200,000
Water leaks repaired.	2006	\$1,483
Install 9000 hour service pack as compressor not working in shop	2006	\$2,613
Install 2 new thermostats in shop wing	2006	\$2,457
Checking equipment doing asbestos	2006	\$1,415
Extra work to do asbestos filters	2006	\$1,585
Install new venter motor re make up air #2 not working	2006	\$1,066
Extra charge due to asbestos during filter change	2006	\$456
Repairs to lighting,low voltage switching relays.Remount PA speaker.	2006	\$1,047
Install VCT & carpet	2006	\$4,897
Gym sound system and TV's for cafeteria	2006	\$12,537
Renovate room 202 A&B as per quote	2006	\$9,413
Extensive repairs	2006	\$100,000
Paving North Parking lot, Fencing around the track area; emergency vehicles accessetc.	2006	\$100,000
Outdoor play centre improvements for day care	2006	\$49,820
Repairs to deteriorating memberbrane on Sections C and J	2006	\$2,436
Roofing project	2007	\$31,774
Boiler Repairs.	2007	\$2,970
Replace washroom exhaust fan, installed new roof exhaust fan.	2007	\$1,949
Replace gas valves as per service report.	2007	\$1,326
To clean entrance heaters	2007	\$1,015
To replace speed controller.	2007	\$1,417
Replaced coolant filter, air filter, cartridge element & has spring & took oil sample for analysis	2007	\$1,559

Continued on next pg...

## SIP 1.6.1—History of Facility Improvements

Robert Bateman HS

Description	School Year	Cost
To replace condensor fan motor on office unit. Installed motor, base, and pulley.	2007	\$1,418
Replace CO sensors; install and replace CO detector in shop.	2007	\$2,574
Change type 2 asbestos filters.	2007	\$1,365
Asbestos filter change. Replaced filters as required.	2007	\$2,256
Fasten all tables permanently; 38 metal flange mounting brackets	2007	\$1,272
Replace seal hinge assemblies	2007	\$1,056
Replace doors and frames that were rotten	2007	\$4,809
Replace broken brick on roof, approx. 25 pieces, different locations; remove all debris from site	2007	\$1,029
Kitchen coutertops; supply labour and material to replace existing countertops with p/lam	2007	\$6,090
Remove old flooring & install new carpeting	2007	\$4,511
Gym area, Rm 123, special needs rm.; install outlets and power poles.	2007	\$1,313
Supply labour & materials to install lwr & upr comp station millwork, paint room	2007	\$10,201
Extra asphalt work required from previous years work	2007	\$72,345
Fence Allowance	2007	\$7,950
Provide Traffic Operational Review	2007	\$717
Professional Services; PO#16985	2007	\$83
Cut-in on New Street for bus/car drop off and pick up	2008	\$150,000
Retrofit gym storage as cardio fitness centre	2008	\$10,000
Security Panel System Replacement and GSM Cellular Set-up: 2010 Phase-1	2009	\$4,000
Replace pool area doors.	2009	\$15,000
Replace fire damaged brick , re-paint & replace missing brick. Seal masonry joints & fenestrations	2009	\$75,000
Eye wash stations required as per Ministry regulations for school (general areas)	2010	\$3,000
Roof replacement pool wing mezzanine and mtg. room roof. (1969)	2010	\$75,000
Address safety issues on systems running tracks	2013	\$10,000
Roof Top Ductwork - Replace roof top mechanical ductwork weatherproofing	2013	\$50,000
Renovate weight room and remove storage cupboards	2013	\$30,000
Group relamping	2013	\$15,000
Modernization of elevator control panel	2013	\$50,000
<b>Total cost of 10-yr of completed renewal projects</b>		<b>\$3,003,937</b>