

**University at Buffalo**  
**5 Year Capital Plan**  
**2004-2009**

Approved Capital  
Budget

179,520,000

Building Name	Project Description	Total Project Cost
<b>YEAR 1 2004-2005</b>		
North & South Campus	Minor Rehab and Repair	\$261,200
North & South Campus	Enhanced Minor Rehab and Repair.	\$2,250,000
North & South Campus	Masonry Restoration Phase I-Replace masonry units, repoint and recaulk.	\$600,000
South Campus	High Pressure Steam PRV Repairs	\$1,000,000
Goodyear	Goodyear Hall Dining Room Renovations	\$1,185,600
North & South Campus	Roadway & Parking Lot Ph I - curbing, drainage, repave	\$506,630
South Campus	Steam Tunnel Rehab Asbestos Abatement, lighting, fire alarm stanchions & expansion joints. (Fiberoptics X REF 2005-043)	\$14,310,216
Allen	Replace HVAC System and Upgrade Electrical System and Replace Curtain Wall and Perimeter Radiation	\$3,190,038
Kimball	Masonry Restoration/Recaulk Windows.	\$1,813,433
South Campus	South Campus Site and Storm Drainage Improvements	\$4,331,000
North Campus	Replace/repair walkways, exterior stairs & curbs.	\$4,892,100
South Campus	Upgrade primary electrical service. Include voltage regulation & parallel operation.	\$1,533,900
Hayes Hall	Replace Cornice	\$750,000
Acheson Hall	Infrastructure renewal.	\$19,200,000
Cooke/Hochstetler, MFAC	Replace AHU's (32 units).	\$4,419,600
Natural Science	Exterior Restoration - Repair expansion joints, flashing, replace masonry units, repoint & install coping cap splice. See consultant report.	\$2,040,000
Beane, Natural Science, Beck, Kimball, Bissell, Comp Ctr, 220 & 250 Winspear	Replace fire alarm system - Current system obsolete.	\$1,470,840
Natural Science	Plumbing Modifications to include Domestic Hot Water Heaters, RO Systems, Summer Boiler	\$360,000
North & South Campus	Emergency Generator Day Tank Remedial Work CONSTRUCTION	\$343,846
Hayes Annex A, B, C	Replace AHU's. Improve IAQ CONSTRUCTION	\$300,000
MFAC	Katherine Cornell Theatre Skylights CONSTRUCTION	\$380,000
South Campus	Relocate Fiber Network from Steam Tunnel to Duct Bank	\$588,100

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North & South Campus	Minor Rehab and Repair.	\$261,200
North & South Campus	Enhanced Minor Rehab and Repair.	\$2,250,000
North & South Campus	Masonry Restoration Phase II-Replace masonry units, repoint and recaulk.	\$600,000
North & South Campus	Roadway Repairs Phase II-Repair curbing, drainage and repave.	\$400,000
Cary, Farber, Sherman	Replace/repair MEP Infrastructure	\$8,417,983
Cary, Farber, Sherman	Repair/replace MEP infrastructure.	\$8,971,302
Hayes, Crosby	Replace/repair MEP infrastructure.	\$4,981,432
Hayes, Crosby	Replace/repair MEP infrastructure.	\$1,030,379
Harriman, Wende, Parker	Replace/repair MEP infrastructure.	\$2,278,955
Harriman, Wende, Parker	Replace/repair MEP infrastructure.	\$1,454,652
Jacobs, Bonner, Alumni, Dorsheimer, Lockwood/Clemens Bridge, Norton, O'Brian Bridge	Replace roofs, waterproof courtyard.	\$1,861,483
Crosby, Hayes Annex D, Townsend, Foster,Squire	Replace roofs. Gutters only for Crosby	\$1,452,308
North Campus	ADA Improvements - See ADA Study.	\$5,262,161
South Campus	ADA Improvements - See ADA Study.	\$2,795,442
Norton & Knox	Doorway Structures, Vestibules, Deteriorated Decking	\$484,884
Furnas	Replace Ductwork - Supply and Return	\$606,105
BMRC	Decommissioning	\$18,183,150
O'Brian	Reconstruct Exterior Slope Wall CONSTRUCTION	\$442,457

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North & South Campus	Enhanced Minor Rehab and Repair.	\$2,250,000
North & South Campus	Masonry Restoration Phase III-Replace masonry units, repoint and recaulk.	\$600,000
North & South Campus	Roadway and Parking Lot Phase III-Repair curbing, drainage and repave.	\$400,000
North Campus, South Campus	Repair site lighting.	\$3,849,858
Abbott, Allen, Baird, Bell, Bonner, Cary, Crofts, Farber, Hayes, Jacobs, Jarvis, Knox, Norton, Park, Sherman, Slee, Squire, Student Union, Talbert, Wende	Rehab elevators.	\$5,632,276
Abbott, Hayes, Kimball, Squire	Replace chillers & cooling towers.	\$1,828,582
Abbott, Hayes, Squire	Repair AHU's, replace coils, pans, dampers & vanes.	\$430,073
Diefendorf, Goodyear, Clement	Replace secondary distribution switchgear.	\$372,325
Alumni, Baldy, Bissell, Bonner, Crofts, Diefendorf, Farber, Fronczak, Hochstetter, Lockwood, MFAC, O'Brian, Student Union, Talbert	Replace/repair domestic hot water heaters.	\$1,575,799
Squire	Replace RO system & dental chair drains.	\$402,326
Hochstetter	Replace instrument & lab air compressors & distribution piping.	\$606,959
BEB	HVAC improvements, intakes, dampers, drain pans & VSD's.	\$459,553
Bissell	Replace heating system and windows and restore exterior.	\$349,433
Alumni	Replace pool condensing units.	\$1,387,336
Clemens	Replace roof	\$284,736
Clark, Sherman, BEB	Replace roofs.	\$1,409,691
CFA	Exterior restoration.	\$817,661
North Campus	Substation Renewal & Testing.	\$1,300,627
Capen, CFA, Furnas	Improve HVAC distribution components.	\$470,046
Annex A Butler, Annex B Butler	Upgrade exterior, windows, doors, exterior insulation finish system.	\$413,699
Research Institute on Addictions	Infrastructure renewal.	\$2,554,752
North & South Campus	Upgrade Seimans Control Systems	\$720,000
Baker CWP	Replace York Chiller tubing.	\$258,000
Clark	Rehabilitation - Include HVAC & heating system, exterior door & window replacement, pool tile repair & shower & restroom improvements.	\$1,501,789

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North & South Campus	Minor Rehab and Repair.	\$261,200
North & South Campus	Enhanced Minor Rehab and Repair.	\$2,250,000
North & South Campus	Masonry Restoration Phase IV-Replace masonry units, repoint and recaulk.	\$600,000
North & South Campus	Roadway and Parking Lot Phase IV-Repair curbing, drainage and repave.	\$400,000
Bell, CFA, Ketter, Jarvis, Park, Baird	Replace roofs.	\$1,919,374
Cooke, Hochstetter	Replace steam piping, RODI system & acid neutralization basin.	\$2,146,354
Baird, Crofts, Lockwood, Slee	Replace humidification equipment including boiler.	\$642,086
Beck, Parker	Replace windows.	\$578,424
Kimball Tower	Replace HVAC systems.	\$3,929,670
Baldy, Bell, Clemens, Crofts, Fronczak, Furnas, Helm, Jarvis, Lockwood, O'Brian, Stalter, Butler Annex A & B	Replace fire alarm panel-obsolete.	\$380,154
Abbott, Beck, BRB, Foster, Harriman, Kimball, Wende	Rehabilitate electrical & fire alarms.	\$1,788,930
North Campus	Renewal tennis/handball courts.	\$418,357
Alumni, Baird, Clemens, Harriman, Helm, Ketter	Replace domestic hot water tanks Alumni Arena A480, Harriman Hall M017, Baird Music Hall A460, Clemens Hall A240, Helm Warehouse A535 & Ketter Hall A430.	\$354,688
Alumni, Baldy, Bell, Cooke, Crofts, Hochstetter, Ketter, Lockwood, Park	Replace VAV's reheats & duct work.	\$2,876,885
Foster	Upgrade HVAC controls to DDC.	\$391,283

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North & South Campus	Enhanced Minor Rehab and Repair.	\$2,250,000
North & South Campus	Masonry Restoration Phase V-Replace masonry units, repoint and recaulk.	\$600,000
North & South Campus	Roadway and Parking Lot Phase V-Repair curbing, drainage and repave.	\$400,000
Parker	Upgrade secondary electrical service-provide emergency generator.	\$453,404
Alumni, Baird, Baldy, Capen, Cooke, Hochstetter, Jacobs, MFAC, Slee, Talbert	Replace windows.	\$3,197,087
Cary, Diefendorf, Howe	Replace windows. Cary Hall M003, Diefendorf Hall M015 & Howe Research/Garage M028.	\$1,309,838
CFA	Repair/replace terrazzo in atrium.	\$426,278
Cooke, Hochstetter	Replace VAT.	\$2,325,158
Furnas	Upgrade HVAC controls to DDC.	\$610,353
Natural Science	Redesign AHU air intakes, install summer boiler, replace hot water heater & add gas shutoffs in labs.	\$416,588
Clark	Install elevator.	\$339,085
Clark	Renovate interior.	\$1,460,974
Kimball	Replace perimeter heating & domestic hot water tank.	\$1,298,212
Wende	Building wide restoration.	\$6,642,200
Michael	Building wide restoration.	\$4,715,413
Acheson Annex, Diefendorf Annex, Hayes Annex A, Hayes Annex B, Hayes Annex C	Demolition metal annexes.	\$542,536
Capen Lockwood Hall	Capen Lockwood Hall Renovation	\$15,909,337
Cooke Hochstetter	Cooke Hochstetter Renovations	\$2,857,697
Harriman Hall	Harriman Hall Renovations	\$570,423
School of Engineering	School of Engineering Renovations	\$6,963,486

TTOAL DEFERRED MAINTENANCE	\$230,603,798
CURRENT CAPITAL BUDGET	\$179,520,000
SURPLUS/(DEFICIT)	(\$51,083,798)