



# **System Renewal Report**

**by Renewal Year**



**Institution:** Kentucky State University  
**Campus:** Kentucky State University - Frankfort

**Year: 2007**

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Academic Service Building	0128	D5030-Communication and Security	Security System - Average	10	0 (Observed)	1.94	98,271	190,713	125%	238,307
Academic Service Building	0128	D5030-Communication and Security	Public Address System - Average	15	0 (Observed)	1.50	3,500	5,254	125%	6,563
Academic Service Building	0128	D5030-Communication and Security	Fire Alarm System - Average Density	10	0 (Observed)	3.46	98,271	340,282	125%	425,022
Academic Service Building	0128	D5030-Communication and Security	Access Control System	15	0 (Observed)	17,701.20	1	17,701	100%	17,701
Academic Service Building	0128	D3040-Distribution Systems	Air Constant Volume System	25	0 (Observed)	16.23	20,000	324,656	113%	365,175
Academic Service Building	0128	D3040-Distribution Systems	Exhaust - Restroom	20	0 (Observed)	1.80	98,271	176,882	125%	221,110
Academic Service Building	0128	D3060-Controls and Instrumentation	HVAC Pneumatic Controls - Average	18	0 (Observed)	2.12	19,654	41,736	113%	46,875
Academic Service Building	0128	D3040-Distribution Systems	Heat Exchanger - Shell and Tube	20	0 (Observed)	1.53	98,271	150,064	125%	187,943
Academic Service Building	0128	D3030-Cooling Generating Systems	Cooling Tower	20	0 (Observed)	31,131.75	1	31,132	125%	38,915

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Academic Service Building	0128	B30-Roofing	BUR (Built up Roofing)	20	0 (Observed)	6.85	16,830	115,351	125%	144,107
Academic Service Building	0128	C3010-Wall Finishes	Painted Finish - Average	10	0 (Observed)	0.76	432,589	330,152	125%	410,960
Academic Service Building	0128	C3010-Wall Finishes	Wall Covering - Linen	10	0 (Observed)	3.06	19,600	60,024	125%	74,970
Academic Service Building	0128	C3020-Floor Finishes	Vinyl Sheet Goods	15	0 (Observed)	8.64	49,100	424,153	125%	530,280
Academic Service Building	0128	D3040-Distribution Systems	Air VAV System with Hot and Cold Decks	25	0 (Observed)	11.98	78,271	937,827	113%	1,054,897
Academic Service Building	0128	D3040-Distribution Systems	Air Constant Volume System	25	0 (Observed)	9.91	98,271	973,753	113%	1,095,599
Academic Service Building	0128	D5092-Emergency Light and Power Systems	UPS System - Light Capacity	10	1 (Observed)	0.58	98,271	57,044	125%	71,246
Academic Service Building	0128	B2020-Exterior Windows	Aluminum Windows	30	1 (Observed)	82.24	16,000	1,315,814	125%	1,644,800
Academic Service Building	0128	C3030-Ceiling Finishes	ACT System - Deluxe	20	1 (Observed)	4.25	49,100	208,577	125%	260,844
Agriculture Greenhouse	0146	D5092-Emergency Light and Power Systems	Emergency Generator - Small 100KW	20	1 (Observed)	47,451.60	1	47,452	125%	59,315
Agriculture Greenhouse	0146	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	1 (Observed)	0.14	8,400	1,165	125%	1,470

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Alumni House	0058	D5010-Electrical Service and Distribution	Distribution- Light Capacity	30	0 (Observed)	6.86	2,905	19,924	125%	24,910
Alumni House	0058	D3030-Cooling Generating Systems	Cooling - DX Less Than Ten Tons	15	0 (Observed)	5.30	2,905	15,394	125%	19,246
Alumni House	0058	D2020-Domestic Water Distribution	Water Heater - Natural Gas	10	0 (Observed)	1.48	2,000	2,964	125%	3,700
Alumni House	0058	D3060-Controls and Instrumentation	HVAC Controls - Electric	20	0 (Observed)	1.61	2,905	4,666	125%	5,846
Alumni House	0058	D5030-Communications and Security	Telephone System - Light Density	10	1 (Observed)	1.51	2,905	4,392	106%	4,661
Aquaculture Bldg	0131	D2020-Domestic Water Distribution	Water Heater - Electric	10	0 (Observed)	1.48	2,000	2,964	125%	3,700
Aquaculture Bldg	0131	D5020-Lighting and Branch Wiring	Lighting Fixtures - Average Density	20	1 (Observed)	3.84	4,620	17,752	125%	22,176
Aquaculture Bldg	0131	D5092-Emergency Light and Power Systems	Exit Signs - Low Density	10	1 (Observed)	0.31	4,620	1,449	125%	1,790
Aquaculture Bldg	0131	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	1 (Observed)	0.61	4,620	2,833	125%	3,523

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Aquaculture Bldg	0131	D5030-Communications and Security	Telephone System - Light Density	10	1 (Observed)	1.51	4,620	6,985	106%	7,412
Atwood Agricultural Research	0018	D5020-Lighting and Branch Wiring	Branch Wiring - Average Density	20	0 (Observed)	3.84	29,042	111,590	125%	139,402
Atwood Agricultural Research	0018	D3040-Distribution Systems	Heat Exchanger - Shell and Tube	20	0 (Observed)	1.53	29,042	44,348	125%	55,543
Atwood Agricultural Research	0018	D3060-Controls and Instrumentation	HVAC Pneumatic Controls - Average	18	0 (Observed)	4.15	29,042	120,403	113%	135,590
Atwood Agricultural Research	0018	B30-Roofing	Asphalt Shingled Roofing	20	0 (Observed)	5.13	19,000	97,402	125%	121,838
Atwood Agricultural Research	0018	C3010-Wall Finishes	Painted Finish - Average	10	0 (Observed)	0.76	66,158	50,492	125%	62,850
Atwood Agricultural Research	0018	C3020-Floor Finishes	VCT 2 - High Quality	20	0 (Observed)	8.64	14,521	125,441	125%	156,827
Atwood Agricultural Research	0018	D2020-Domestic Water Distribution	Water Heater - Natural Gas	10	0 (Observed)	1.48	2,000	2,964	125%	3,700
Atwood Agricultural Research	0018	D3040-Distribution Systems	Four Pipe System	30	0 (Observed)	14.27	29,042	414,550	113%	466,233
Atwood Agricultural Research	0018	D3030-Cooling Generating Systems	Cooling - DX Less Than Ten Tons	15	0 (Observed)	5.30	29,042	153,899	125%	192,403

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Atwood Agricultural Research	0018	D5030-Communications and Security	Fire Alarm System - Average Density	10	1 (Observed)	3.46	29,042	100,564	125%	125,607
Atwood Agricultural Research	0018	D5030-Communications and Security	Telephone System - Average Density	10	1 (Observed)	2.27	29,042	65,867	106%	70,046
Bell Health Building	0091	D3040-Distribution Systems	Air Constant Volume System	25	0 (Observed)	9.91	34,836	345,185	113%	388,378
Bell Health Building	0091	D2010-Plumbing Fixtures	Service/Utility Sinks	30	0 (Observed)	0.25	34,836	8,541	125%	10,886
Bell Health Building	0091	D2090-Other Plumbing Systems	Pool Filter and Treatment Equipment	20	0 (Observed)	4,403.51	1	4,404	125%	5,504
Bell Health Building	0091	D3040-Distribution Systems	Heat Exchanger - Shell and Tube	20	0 (Observed)	1.53	34,836	53,196	125%	66,624
Bell Health Building	0091	D3040-Distribution Systems	Exhaust - General Building	25	0 (Observed)	1.07	34,836	37,409	113%	41,934
Bell Health Building	0091	D3040-Distribution Systems	Four Pipe System	30	0 (Observed)	14.27	34,836	497,254	113%	559,248
Bell Health Building	0091	D3040-Distribution Systems	Perimeter Units - HW/Steam/CW	18	0 (Observed)	8.84	34,836	308,096	113%	346,444
Bell Health Building	0091	C1030-Fittings	Restroom Accessories - Average	25	1 (Observed)	0.99	34,836	34,591	125%	43,110

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Bell Health Building	0091	C3020-Floor Finishes	Ceramic Tile - Average	25	1 (Observed)	12.09	600	7,255	125%	9,068
Bell Health Building	0091	C3010-Wall Finishes	Painted Finish - Average	10	1 (Observed)	0.76	153,348	117,035	125%	145,681
Bell Health Building	0091	C1030-Fittings	Toilet Partitions - Average	40	1 (Observed)	1.64	34,836	57,046	125%	71,414
Bell Health Building	0091	D5020-Lighting and Branch Wiring	Lighting Fixtures - Average Density	20	1 (Observed)	3.84	34,836	133,852	125%	167,213
Bell Health Building	0091	D5092-Emergency Light and Power Systems	UPS System - Light Capacity	10	1 (Observed)	1.46	34,836	50,711	125%	63,576
Bell Health Building	0091	D5030-Communications and Security	Telephone System - Light Density	10	1 (Observed)	1.51	34,836	52,672	106%	55,890
Blazer Library	0022	D2010-Plumbing Fixtures	Service/Utility Sinks	30	0 (Observed)	0.25	62,200	15,249	125%	19,438
Blazer Library	0022	C3010-Wall Finishes	Painted Finish - Average	10	0 (Observed)	0.76	273,804	208,967	125%	260,114
Blazer Library	0022	C3030-Ceiling Finishes	GWB Taped and Finished	30	0 (Observed)	3.64	62,200	226,607	63%	141,505
Blazer Library	0022	B2030-Exterior Doors	Door Assembly 5 - Average	30	0 (Observed)	10,781.06	5	53,905	125%	67,382
Blazer Library	0022	B30-Roofing	BUR (Built up Roofing)	20	0 (Observed)	6.85	12,000	82,247	125%	102,750

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Blazer Library	0022	C3020-Floor Finishes	Carpeting 3 - Average	10	0 (Observed)	6.66	62,200	413,983	125%	517,815
Blazer Library	0022	C3030-Ceiling Finishes	ACT System - Standard	15	0 (Observed)	3.69	62,200	229,294	125%	286,898
Blazer Library	0022	D10-Conveying	Hydraulic Freight/Passenger Elev. - Economy	35	0 (Observed)	102,217.42	1	102,217	125%	127,772
Blazer Library	0022	D3060-Controls and Instrumentation	HVAC Pneumatic Controls - Average	18	0 (Observed)	4.15	82,000	339,958	113%	382,838
Blazer Library	0022	D10-Conveying	Hydraulic Freight/Passenger Elev. - Economy	35	0 (Observed)	102,217.42	1	102,217	125%	127,772
Blazer Library	0022	D5092-Emergency Light and Power Systems	UPS System - Average Capacity	10	1 (Observed)	1.59	62,200	98,775	125%	123,623
Blazer Library	0022	D5092-Emergency Light and Power Systems	Exit Signs - Average Density	10	1 (Observed)	0.52	62,200	32,507	125%	40,430
Boiler Plant Addition	0120	C3010-Wall Finishes	Paint Masonry/Epoxy Finish - Economy	15	0 (Observed)	2.02	3,150	6,350	125%	7,954
Boiler Plant Addition	0120	B30-Roofing	BUR (Built up Roofing)	20	0 (Observed)	6.85	3,150	21,590	125%	26,972

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Boiler Plant Addition	0120	D5092-Emergency Light and Power Systems	Emergency Generator - Small 100KW	20	0 (Observed)	50,176.84	1	50,177	125%	62,721
Boiler Plant Addition	0120	D5020-Lighting and Branch Wiring	Lighting Fixtures - Heavy Density	20	0 (Observed)	5.17	3,150	16,296	125%	20,357
Boiler Plant Addition	0120	D5092-Emergency Light and Power Systems	Exit Signs - Low Density	10	0 (Observed)	0.31	3,150	988	125%	1,221
Boiler Plant Addition	0120	D5010-Electrical Service and Distribution	Distribution System - Heavy Capacity	30	0 (Observed)	9.83	3,150	30,980	125%	38,706
Boiler Plant Addition	0120	D5030-Communication and Security	Telephone System - Light Density	10	0 (Observed)	1.51	3,150	4,763	106%	5,054
Boiler Plant Addition	0120	B2030-Exterior Doors	Door Assembly 2 - High Cost	30	1 (Observed)	19,477.04	1	19,477	125%	24,346
Boiler Plant Addition	0120	B2020-Exterior Windows	Steel Windows	30	1 (Observed)	71.65	239	17,092	125%	21,363
Bradford Hall	0090	D5010-Electrical Service and Distribution	Distribution System - Light Duty	30	0 (Observed)	4.51	63,888	287,930	125%	360,169
Bradford Hall	0090	D5010-Electrical Service and Distribution	Feeder for Moderate Service	30	0 (Observed)	7.14	63,888	456,164	125%	570,200
Bradford Hall	0090	D5030-Communication and Security	Clock System - Average Building	10	0 (Observed)	3.39	63,888	216,861	125%	270,725

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Bradford Hall	0090	D5020-Lighting and Branch Wiring	Branch Wiring - Average Density	20	0 (Observed)	0.74	63,888	47,504	125%	59,096
Bradford Hall	0090	D2010-Plumbing Fixtures	Restroom Fixtures 4 - High Density - Medium Quality	30	0 (Observed)	3.59	63,888	229,622	125%	286,697
Bradford Hall	0090	D2010-Plumbing Fixtures	Drinking Fountains	20	0 (Observed)	0.19	63,888	12,047	125%	15,173
Bradford Hall	0090	D3040-Distribution Systems	Exhaust - Restroom	20	0 (Observed)	5.59	63,888	357,237	125%	446,417
Bradford Hall	0090	D3040-Distribution Systems	Air VAV with Central AHU	25	0 (Observed)	13.65	5,000	68,239	125%	85,313
Bradford Hall	0090	D3060-Controls and Instrumentation	DDC System - Average	20	0 (Observed)	3.38	12,777	43,221	125%	53,983
Bradford Hall	0090	D3040-Distribution Systems	Four Pipe Perimeter Units - Add for	30	0 (Observed)	6.18	63,888	395,046	113%	444,181
Bradford Hall	0090	D3040-Distribution Systems	Heat Exchanger - Shell and Tube	20	0 (Observed)	1.53	63,888	97,560	125%	122,186
Bradford Hall	0090	D2020-Domestic Water Distribution	Water Heater - Steam	15	0 (Observed)	1.66	63,888	106,320	125%	132,568
Bradford Hall	0090	B2020-Exterior Windows	Aluminum Windows	30	0 (Observed)	82.24	5,558	457,081	125%	571,362

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Bradford Hall	0090	B2030-Exterior Doors	Door Assembly 2 - High Cost	30	0 (Observed)	19,477.04	30	584,311	125%	730,389
Bradford Hall	0090	B30-Roofing	BUR (Built up Roofing)	20	0 (Observed)	6.85	21,120	144,755	125%	180,840
Bradford Hall	0090	C3010-Wall Finishes	Painted Finish - Average	10	0 (Observed)	0.76	281,235	214,639	125%	267,173
Bradford Hall	0090	C3020-Floor Finishes	Carpeting 2 - High Quality	10	0 (Observed)	8.47	8,000	67,761	125%	84,700
Bradford Hall	0090	C3020-Floor Finishes	VCT 3 - Quality	20	0 (Observed)	7.27	40,000	290,822	125%	363,500
Bradford Hall	0090	C3030-Ceiling Finishes	ACT System - Deluxe	20	0 (Observed)	4.25	35,000	148,680	125%	185,938
Bradford Hall	0090	E-Equipment and Furnishings	Fixed Seating - Average	25	0 (Observed)	45.54	500	22,768	63%	14,231
Bradford Hall	0090	E-Equipment and Furnishings	Theater And Stage Equip - Economy	20	0 (Observed)	149.33	8,000	1,194,624	125%	1,493,300
Bradford Hall	0090	E-Equipment and Furnishings	Loading Dock Equipment - Average	25	0 (Observed)	21,586.84	1	21,587	125%	26,984
Bradford Hall	0090	D3040-Distribution Systems	Air Constant Volume System	25	0 (Observed)	9.91	20,000	198,177	113%	222,975
Bradford Hall	0090	D3060-Controls and Instrumentation	HVAC Pneumatic Controls - Average	18	0 (Observed)	4.15	63,888	264,869	113%	298,277

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Business Office Addition	0119	C1030-Fittings	Restroom Accessories - Average	25	0 (Observed)	0.99	3,000	2,979	125%	3,713
Business Office Addition	0119	D2020-Domestic Water Distribution	Water Heater - Electric	10	0 (Observed)	1.48	3,000	4,445	125%	5,550
Business Office Addition	0119	C3020-Floor Finishes	VCT 2 - High Quality	20	0 (Observed)	8.64	100	864	125%	1,080
Business Office Addition	0119	D3040-Distribution Systems	Exhaust - Restroom	20	0 (Observed)	2.66	3,000	7,994	125%	9,975
Business Office Addition	0119	D5010-Electrical Service and Distribution	Distribution - Average Capacity	30	1 (Observed)	7.19	3,000	21,577	125%	26,963
Business Office Addition	0119	D5020-Lighting and Branch Wiring	Branch Wiring - Average Density	20	1 (Observed)	0.74	3,000	2,231	125%	2,775
Business Office Addition	0119	D5030-Communication and Security	Telephone System - Light Density	10	1 (Observed)	1.51	3,000	4,536	106%	4,813
Carver Hall Annex	0042	D5030-Communication and Security	Clock System - Average Building	10	0 (Observed)	3.39	45,748	155,287	125%	193,857
Carver Hall Annex	0042	D5020-Lighting and Branch Wiring	Lighting Fixtures - Average Density	20	0 (Observed)	3.84	19,000	73,005	125%	91,200
Carver Hall Annex	0042	D5010-Electrical Service and Distribution	Switchgear - Light Duty	30	0 (Observed)	0.30	45,748	13,663	125%	17,156

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Carver Hall Annex	0042	D5010-Electrical Service and Distribution	Feeder for Moderate Service	30	0 (Observed)	0.71	45,748	32,650	125%	40,601
Carver Hall Annex	0042	D5030-Communications and Security	Fire Alarm System - Average Density	10	0 (Observed)	3.46	45,748	158,411	125%	197,860
Carver Hall Annex	0042	D5010-Electrical Service and Distribution	Distribution System - Light Duty	30	0 (Observed)	4.51	15,500	69,855	125%	87,381
Carver Hall Annex	0042	D20-Plumbing	Sanitary Waste System - High End	50	1 (Observed)	1,677.33	1	1,677	113%	1,887
Chilled Water Plant	0126	C3010-Wall Finishes	Paint Masonry/Epoxy Finish - Economy	15	0 (Observed)	2.02	17,862	36,010	125%	45,102
Chilled Water Plant	0126	B30-Roofing	BUR (Built up Roofing)	20	0 (Observed)	6.85	7,145	48,971	125%	61,179
Chilled Water Plant	0126	D5030-Communications and Security	Telephone System - Light Density	10	0 (Observed)	1.51	14,290	21,606	106%	22,927
Cooperative Extension Program Facility	0043	D5030-Communications and Security	Fire Alarm System - Average Density	10	0 (Observed)	3.46	23,844	82,564	125%	103,125
Cooperative Extension Program Facility	0043	D3040-Distribution Systems	Heat Exchanger - Shell and Tube	20	1 (Observed)	1.53	23,844	36,411	125%	45,602

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Fish Hatchery	0132	C3010-Wall Finishes	Painted Finish - Average	10	1 (Observed)	0.76	12,267	9,362	125%	11,654
Fish Hatchery	0132	D5020-Lighting and Branch Wiring	Lighting Fixtures - Average Density	20	1 (Observed)	3.84	5,385	20,691	125%	25,848
Fish Hatchery	0132	D5092-Emergency Light and Power Systems	Exit Signs - Low Density	10	1 (Observed)	0.31	5,385	1,689	125%	2,087
Fish Hatchery	0132	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	1 (Observed)	0.61	5,385	3,302	125%	4,106
Fish Hatchery	0132	D5030-Communication and Security	Telephone System - Light Density	10	1 (Observed)	1.51	5,385	8,142	106%	8,640
Hill Student Center	0110	D10-Conveying	Hydraulic Freight/Passenger Elev. - Special	35	0 (Observed)	170,693.18	1	170,693	125%	213,366
Hill Student Center	0110	D3040-Distribution Systems	Air VAV with Central AHU	25	0 (Observed)	13.65	44,151	602,560	125%	753,326
Hill Student Center	0110	D3040-Distribution Systems	Heat Exchanger - Shell and Tube	20	0 (Observed)	1.53	44,151	67,421	125%	84,439
Hill Student Center	0110	C3020-Floor Finishes	Ceramic Tile - Average	25	0 (Observed)	12.09	1,250	15,115	125%	18,891
Hill Student Center	0110	D40-Fire Protection	Wet Sprinkler System w/Pump - Lt Hazard	35	0 (Observed)	4.81	44,151	212,323	113%	238,912

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Hill Student Center	0110	D5010-Electrical Service and Distribution	Distribution - Average Capacity	30	1 (Observed)	5.22	44,151	230,521	125%	288,085
Hill Student Center	0110	D5020-Lighting and Branch Wiring	Lighting Fixtures - Average Density	20	1 (Observed)	3.84	44,151	169,644	125%	211,925
Hill Student Center	0110	D5010-Electrical Service and Distribution	Switchgear - Heavy Duty	30	1 (Observed)	22,001.53	1	22,002	125%	27,502
Hill Student Center	0110	D5010-Electrical Service and Distribution	Switchgear - Switchboard EDA	30	1 (Observed)	17,143.82	1	17,144	125%	21,430
Hill Student Center	0110	D5010-Electrical Service and Distribution	Switchgear - Motor Control Center MCA	30	1 (Observed)	32,301.94	1	32,302	125%	40,377
Hill Student Center Addition	110A	D3060-Controls and Instrumentation	DDC System - Average	20	0 (Observed)	3.38	35,256	119,261	125%	148,957
Hill Student Center Addition	110A	D3050-Terminal and Package Units	Package Electrically Heat and AC > 10 Tons	20	0 (Observed)	5.60	35,256	197,432	125%	246,792
Hill Student Center Addition	110A	D5020-Lighting and Branch Wiring	Lighting Fixtures - Average Density	20	1 (Observed)	3.84	35,256	135,466	125%	169,229

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Year: 2007

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Hillcrest	0111	D2010-Plumbing Fixtures	Restroom Fixtures 6 - Standard Density - High Quality	30	0 (Observed)	2.79	7,050	19,677	125%	24,587
Hillcrest	0111	D2020-Domestic Water Distribution	Water Heater - Gas Fired	10	0 (Observed)	0.91	7,050	6,443	125%	8,019
Hillcrest	0111	D5010-Electrical Service and Distribution	Distribution System - Light Duty	30	1 (Observed)	3.11	7,050	21,956	125%	27,407
Hillcrest	0111	D5030-Communications and Security	Telephone System - Light Density	10	1 (Observed)	1.51	7,050	10,660	106%	11,311
Hume Hall	0015	D3040-Distribution Systems	Heat Exchanger - Shell and Tube	20	0 (Observed)	1.53	15,344	23,431	125%	29,345
Hume Hall	0015	D10-Conveying	Hydraulic Freight/Passenger Elev. - Economy	35	0 (Observed)	102,217.42	1	102,217	125%	127,772
Hume Hall	0015	A-Substructure	Foundation Wall and Footings 8' - Full Basement	75	0 (Observed)	28.00	15,344	429,592	6%	26,852
Hume Hall	0015	D3040-Distribution Systems	Four Pipe System	30	0 (Observed)	14.27	15,344	219,022	113%	246,329
Hume Hall	0015	D3040-Distribution Systems	Perimeter Units - HW/Steam/CW	18	0 (Observed)	8.84	15,344	135,705	113%	152,596

All Costs in USD. Renewal Costs include 0.0% inflation rate.



Year: 2007

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Jackson Hall	0021	B30-Roofing	Gutters and Downspouts - Average	50	0 (Observed)	0.36	11,225	4,007	113%	4,546
Jackson Hall	0021	D3040-Distribution Systems	Air Constant Volume System	25	0 (Observed)	9.91	11,225	111,227	113%	125,145
Jackson Hall	0021	D3060-Controls and Instrumentation	HVAC Pneumatic Controls - Average	18	0 (Observed)	4.15	11,225	46,537	113%	52,407
Jackson Hall	0021	D3040-Distribution Systems	Heat Exchanger - Shell and Tube	20	0 (Observed)	1.53	11,225	17,141	125%	21,468
Jackson Hall	0021	B2010-Exterior Walls	Brick Walls	75	0 (Observed)	22.94	11,225	257,493	13%	32,188
Jackson Hall	0021	B2020-Exterior Windows	Aluminum Windows	30	0 (Observed)	82.24	4,000	328,954	125%	411,200
Jackson Hall	0021	B2030-Exterior Doors	Door Assembly 5 - Average	30	0 (Observed)	10,781.06	3	32,343	125%	40,429
Jackson Hall	0021	B30-Roofing	BUR (Built up Roofing)	20	0 (Observed)	6.85	11,225	76,935	125%	96,114
Jackson Hall	0021	C1010-Partitions	CMU Block Walls - Plain	50	0 (Observed)	9.13	11,225	102,480	63%	64,053
Jackson Hall	0021	C3010-Wall Finishes	Painted Finish - Average	10	0 (Observed)	0.76	11,225	8,567	125%	10,664
Jackson Hall	0021	D3040-Distribution Systems	Exhaust - General Building	25	0 (Observed)	1.07	11,225	12,054	113%	13,512

All Costs in USD. Renewal Costs include 0.0% inflation rate.



Year: 2007

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Jackson Hall	0021	D5010-Electrical Service and Distribution	Distribution System - Light Duty	30	0 (Observed)	3.11	11,225	34,959	125%	43,637
Jackson Hall	0021	D5010-Electrical Service and Distribution	Switchgear - Heavy Duty	30	0 (Observed)	50,939.65	1	50,940	125%	63,675
Jackson Hall	0021	D5020-Lighting and Branch Wiring	Branch Wiring - Average Density	20	0 (Observed)	3.84	11,225	43,130	125%	53,880
Jackson Hall	0021	A-Substructure	Foundation Wall and Footings 8' - Full Basement	75	0 (Observed)	28.00	5,613	157,135	6%	9,822
Jackson Hall	0021	D5030-Communications and Security	Telephone System - Average Density	10	1 (Observed)	2.27	11,225	25,458	106%	27,073
Jordan Shop / Warehouse	0039	C3020-Floor Finishes	VCT 3 - Quality	20	0 (Observed)	7.27	11,225	81,612	125%	102,007
Jordan Shop / Warehouse	0039	D5020-Lighting and Branch Wiring	Lighting Fixtures - Average Density	20	0 (Observed)	3.84	4,560	17,521	125%	21,888
Jordan Shop / Warehouse	0039	D5010-Electrical Service and Distribution	Switchgear - Light Duty	30	0 (Observed)	12,635.41	1	12,635	125%	15,794
Jordan Shop / Warehouse	0039	D5010-Electrical Service and Distribution	Feeder for Moderate Service	30	0 (Observed)	0.71	11,225	8,011	125%	9,962

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2007

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Jordan Shop / Warehouse	0039	D5030-Communications and Security	Fire Alarm System - Average Density	10	0 (Observed)	3.46	11,225	38,869	125%	48,548
Jordan Shop / Warehouse	0039	D5010-Electrical Service and Distribution	Distribution System - Light Duty	30	0 (Observed)	3.11	4,560	14,202	125%	17,727
Jordan Shop / Warehouse	0039	B2020-Exterior Windows	Aluminum Windows	30	0 (Observed)	82.24	318	26,185	125%	32,732
Jordan Shop / Warehouse	0039	B30-Roofing	BUR (Built up Roofing)	20	0 (Observed)	6.85	5,613	38,468	125%	48,057
Jordan Shop / Warehouse	0039	D3020-Heat Generating Systems	Boilers Steam - Coal Fired	30	0 (Observed)	174,303.13	45	7,843,641	125%	9,804,551
Jordan Shop / Warehouse	0039	D3060-Controls and Instrumentation	HVAC Pneumatic Controls - Average	18	0 (Observed)	4.15	11,225	46,537	113%	52,407
Jordan Shop / Warehouse	0039	D3040-Distribution Systems	Perimeter Units - HW/Steam/CW	18	0 (Observed)	8.84	11,225	99,276	113%	111,633
Jordan Shop / Warehouse	0039	D3020-Heat Generating Systems	Boiler HW - Gas Fired - High End	30	0 (Observed)	6.44	140,000	902,162	125%	1,127,000
Jordan Shop / Warehouse	0039	D5020-Lighting and Branch Wiring	Branch Wiring - Average Density	20	0 (Observed)	3.84	11,225	43,130	125%	53,880

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2007

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Jordon Maintenance Building	0106	D5010-Electrical Service and Distribution	Distribution - Original Average Capacity	30	0 (Observed)	7.19	1,100	7,911	125%	9,886
Jordon Maintenance Building	0106	B2030-Exterior Doors	Door Assembly 5 - Average	30	0 (Observed)	10,781.06	4	43,124	125%	53,905
Jordon Maintenance Building	0106	B2020-Exterior Windows	Steel Windows	30	0 (Observed)	71.65	1,400	100,316	125%	125,388
Jordon Maintenance Building	0106	C3010-Wall Finishes	Painted Finish - Average	10	1 (Observed)	0.76	15,000	11,448	125%	14,250
Motorpool	0134	D5010-Electrical Service and Distribution	Distribution - Average Capacity	30	0 (Observed)	7.19	1,621	11,659	125%	14,569
Motorpool	0134	B2030-Exterior Doors	Door Assembly 5 - Average	30	0 (Observed)	10,781.06	4	43,124	125%	53,905
Motorpool	0134	B2020-Exterior Windows	Steel Windows	30	0 (Observed)	71.65	40	2,866	125%	3,583
Motorpool	0134	C3010-Wall Finishes	Painted Finish - Average	10	1 (Observed)	0.76	10,809	8,249	125%	10,269
MPU Docking Station	0149	D3040-Distribution Systems	Exhaust - General Building	25	0 (Observed)	1.07	1,080	1,160	113%	1,300
Nutrition laboratory	0046	D2020-Domestic Water Distribution	Water Heater - Gas Fired	10	0 (Observed)	0.91	2,960	2,705	125%	3,367
Nutrition laboratory	0046	D5092-Emergency Light and Power Systems	Exit Signs - Low Density	10	1 (Observed)	0.31	2,960	928	125%	1,147

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2007

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Nutrition laboratory	0046	D5030-Communications and Security	Telephone System - Light Density	10	1 (Observed)	1.51	2,960	4,476	106%	4,749
Nutrition laboratory	0046	D5030-Communications and Security	Fire Alarm System - Light Density	10	1 (Observed)	2.54	2,960	7,513	125%	9,398
Shauntee Hall	0108	D3040-Distribution Systems	Exhaust System - High Velocity	15	0 (Observed)	9.34	18,616	173,909	113%	195,608
Shauntee Hall	0108	D5030-Communications and Security	Telephone System - Light Density	10	0 (Observed)	1.51	18,616	28,147	106%	29,867
Shauntee Hall	0108	D3040-Distribution Systems	Exhaust - General Building	25	0 (Observed)	1.07	18,616	19,991	113%	22,409
Shauntee Hall	0108	D3040-Distribution Systems	Perimeter Units - HW/Steam/CW	18	0 (Observed)	8.84	18,616	164,643	113%	185,136
Shauntee Hall	0108	D3030-Cooling Generating Systems	Cooling - DX Less Than Ten Tons	15	0 (Observed)	5.30	18,616	98,650	125%	123,331
Shauntee Hall	0108	D3060-Controls and Instrumentation	HVAC Pneumatic Controls - Average	18	0 (Observed)	4.15	18,616	77,179	113%	86,913
Shauntee Hall	0108	D5010-Electrical Service and Distribution	Switchgear - Heavy Duty	30	1 (Observed)	42,258.69	1	42,259	125%	52,823

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2007

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Soils and Lab Office	0145	D5030-Communications and Security	Telephone System - Light Density	10	0 (Observed)	1.51	2,562	3,874	106%	4,110
Soils and Lab Office	0145	D2020-Domestic Water Distribution	Water Heater - Electric	10	0 (Observed)	1.10	2,562	2,806	125%	3,523
Soils and Lab Office	0145	D3040-Distribution Systems	Exhaust System - High Velocity	15	0 (Observed)	9.34	2,562	23,934	113%	26,920
Utility Services - Domestic Water	Services	G3010-Water Supply	Domestic Water Lines 1" to 4"	30	0 (Observed)	203.41	3,000	610,222	100%	610,230
Utility Services - Sanitary Sewer	Services	G3020-Sanitary Sewer	Sanitary Sewer 12" Lines	35	0 (Observed)	665.24	2,200	1,463,523	100%	1,463,528
Utility Services - Telecommunications	Services	G4030-Site Communications and Security	Telecommunication - Fiber	15	0 (Observed)	122.84	5,000	614,200	100%	614,200
White Health Center	0112	D5010-Electrical Service and Distribution	Distribution - Average Capacity	30	0 (Observed)	7.19	10,400	74,799	125%	93,470
White Health Center	0112	D5010-Electrical Service and Distribution	Feeder for Average Service	30	0 (Observed)	4.36	10,400	45,340	125%	56,680
White Health Center	0112	D5020-Lighting and Branch Wiring	Branch Wiring - Average Density	20	0 (Observed)	0.74	10,400	7,733	125%	9,620
White Health Center	0112	D5030-Communications and Security	Clock System for Small Building	10	0 (Observed)	2.67	10,400	27,739	125%	34,710

All Costs in USD. Renewal Costs include 0.0% inflation rate.



Year: 2007

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
White Health Center	0112	D5030-Communications and Security	Fire Alarm System - Average Density	10	0 (Observed)	3.46	10,400	36,012	125%	44,980
White Health Center	0112	D5030-Communications and Security	Nurse Call System - Light Duty	15	0 (Observed)	3.99	10,400	41,501	125%	51,870
White Health Center	0112	D5030-Communications and Security	Telephone System - Light Density	10	0 (Observed)	1.51	10,400	15,725	106%	16,686
White Health Center	0112	D10-Conveying	Hydraulic Freight/Passenger Elev. - Economy	35	0 (Observed)	76,002.22	1	76,002	125%	95,003
White Health Center	0112	D3040-Distribution Systems	Heat Exchanger - Plate and Frame	25	0 (Observed)	1.51	10,400	15,707	125%	19,630
White Health Center	0112	D3060-Controls and Instrumentation	HVAC Pneumatic Controls - Average	18	0 (Observed)	4.15	10,400	43,117	113%	48,555
White Health Center	0112	D3040-Distribution Systems	Four Pipe Perimeter Units - Add for	30	0 (Observed)	6.18	10,400	64,307	113%	72,306
White Health Center	0112	D2020-Domestic Water Distribution	Water Heater - Electric	10	0 (Observed)	1.48	10,400	15,411	125%	19,240

All Costs in USD. Renewal Costs include 0.0% inflation rate.



Year: 2007

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
White Health Center	0112	D3040-Distribution Systems	Heat Exchanger - Shell and Tube	20	0 (Observed)	1.53	10,400	15,881	125%	19,890
White Health Center	0112	B2020-Exterior Windows	Aluminum Windows	30	0 (Observed)	82.24	2,080	171,056	125%	213,824
White Health Center	0112	B2030-Exterior Doors	Door Assembly 5 - Average	30	0 (Observed)	10,781.06	4	43,124	125%	53,905
White Health Center	0112	B30-Roofing	BUR (Built up Roofing)	20	0 (Observed)	6.85	5,200	35,640	125%	44,525
White Health Center	0112	C1030-Fittings	Restroom Accessories - Average	25	0 (Observed)	0.99	10,400	10,327	125%	12,870
White Health Center	0112	C3010-Wall Finishes	Painted Finish - Average	10	0 (Observed)	0.76	45,781	34,940	125%	43,492
White Health Center	0112	C3020-Floor Finishes	VCT 2 - High Quality	20	0 (Observed)	8.64	10,400	89,841	125%	112,320
White Health Center	0112	C3030-Ceiling Finishes	ACT System - Deluxe	20	0 (Observed)	4.25	10,400	44,179	125%	55,250
White Health Center	0112	E-Equipment and Furnishings	Kitchen Cabinets - Average	20	0 (Observed)	174.38	250	43,596	125%	54,494
White Health Center	0112	D3040-Distribution Systems	Air VAV with Central AHU	25	0 (Observed)	13.65	10,400	141,936	125%	177,450
White Health Center	0112	D3040-Distribution Systems	Exhaust - Restroom	20	0 (Observed)	2.66	10,400	27,713	125%	34,580
William Exum Center	0129	D2020-Domestic Water Distribution	Water Heater - Gas Fired	10	0 (Observed)	0.91	3,000	2,742	125%	3,413

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2007

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
William Exum Center	0129	D5030-Communications and Security	Telephone System - Light Density	10	1 (Observed)	1.51	124,270	187,896	106%	199,376

Total Renewal Costs: 42,152,462

Year: 2008

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Academic Service Building	0128	C3020-Floor Finishes	Carpeting 2 - High Quality	10	2 (Observed)	8.47	29,480	249,698	125%	312,120
Academic Service Building	0128	B30-Roofing	BUR (Built up Roofing)	20	2 (Observed)	6.85	1,870	12,817	125%	16,012
Alumni House	0058	C3020-Floor Finishes	Ceramic Tile - Average	25	2 (Observed)	12.09	1,000	12,092	125%	15,113
Alumni House	0058	C3010-Wall Finishes	Painted Finish - Average	10	2 (Observed)	0.76	12,788	9,760	125%	12,149
Alumni House	0058	D5020-Lighting and Branch Wiring	Lighting Fixtures - Light Density	20	2 (Observed)	3.14	2,905	9,112	125%	11,402
Alumni House	0058	B2030-Exterior Doors	Door Assembly 3 - High Size and Cost	30	2 (Observed)	6,470.28	5	32,351	125%	40,439
Alumni House	0058	B2020-Exterior Windows	Steel Windows	30	2 (Observed)	71.65	2,905	208,156	125%	260,179
Alumni House	0058	C3020-Floor Finishes	Carpeting 2 - High Quality	10	2 (Observed)	8.47	2,905	24,606	125%	30,757

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2008

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Alumni House	0058	C3030-Ceiling Finishes	ACT System - Standard	15	2 (Observed)	3.69	2,905	10,709	125%	13,399
Alumni House	0058	C1010-Partitions	Folding Partitions - Economy	15	2 (Observed)	83.26	320	26,643	125%	33,304
Aquaculture Bldg	0131	C3010-Wall Finishes	Painted Finish - Average	10	2 (Observed)	0.76	10,524	8,032	125%	9,998
Aquaculture Bldg	0131	C3030-Ceiling Finishes	ACT System - Deluxe	20	2 (Observed)	4.25	4,620	19,626	125%	24,544
Aquaculture Bldg	0131	C3020-Floor Finishes	VCT 4 - Average	15	2 (Observed)	4.32	4,620	19,952	125%	24,948
Aquaculture Bldg	0131	C3020-Floor Finishes	Carpeting 3 - Average	10	2 (Observed)	6.66	1,200	7,987	125%	9,990
Bell Health Building	0091	D5092-Emergency Light and Power Systems	Exit Signs - Average Density	10	2 (Observed)	0.52	34,836	18,206	125%	22,643
Bell Health Building	0091	B2020-Exterior Windows	Steel Windows	30	2 (Observed)	71.65	3,623	259,604	125%	324,485
Bell Health Building	0091	B2030-Exterior Doors	Door Assembly 3 - High Size and Cost	30	2 (Observed)	38,821.68	4	155,287	125%	194,108
Bell Health Building	0091	D5030-Communications and Security	Fire Alarm System - Average Density	10	2 (Observed)	3.46	34,836	120,626	125%	150,666
Bell Health Building	0091	D5030-Communications and Security	LAN System - Economy	15	2 (Observed)	2.12	34,836	73,741	106%	78,468

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2008

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Bell Health Building	0091	C3020-Floor Finishes	Carpeting 3 - Average	10	2 (Observed)	6.66	9,371	62,370	125%	78,014
Bell Health Building	0091	C3030-Ceiling Finishes	Painted Finish	30	2 (Observed)	6.22	15,000	93,312	63%	58,313
Blazer Library	0022	D3060-Controls and Instrumentation	DDC System - Average	20	2 (Observed)	3.38	62,200	210,405	125%	262,795
Blazer Library	0022	D5030-Communications and Security	Telephone System - Light Density	10	2 (Observed)	1.51	62,200	94,046	106%	99,792
Blazer Library	0022	D5030-Communications and Security	Fire Alarm System - Average Density	10	2 (Observed)	3.46	62,200	215,380	125%	269,015
Blazer Library	0022	D5030-Communications and Security	LAN System - Medium	15	2 (Observed)	3.13	62,200	194,810	106%	206,854
Bradford Hall	0090	D5030-Communications and Security	Fire Alarm System - Average Density	10	2 (Observed)	3.46	63,888	221,225	125%	276,316
Bradford Hall	0090	D5030-Communications and Security	Telephone System - Average Density	10	2 (Observed)	2.27	63,888	144,898	106%	154,090
Business Office Addition	0119	D5020-Lighting and Branch Wiring	Lighting Fixtures - Average Density	20	2 (Observed)	3.36	3,000	10,066	125%	12,600
Fish Hatchery	0132	C3030-Ceiling Finishes	ACT System - Deluxe	20	2 (Observed)	4.25	3,500	14,868	125%	18,594

All Costs in USD. Renewal Costs include 0.0% inflation rate.



Year: 2008

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Fish Hatchery	0132	C3020-Floor Finishes	VCT 4 - Average	15	2 (Observed)	4.32	5,385	23,255	125%	29,079
Hill Student Center	0110	D5030-Communications and Security	Telephone System - Light Density	10	2 (Observed)	1.51	44,151	66,756	106%	70,835
Hill Student Center	0110	D5030-Communications and Security	LAN System - Economy	15	2 (Observed)	2.12	44,151	93,459	106%	99,450
Hill Student Center Addition	110A	D5030-Communications and Security	LAN System - Economy	15	2 (Observed)	2.12	35,256	74,630	106%	79,414
Hill Student Center Addition	110A	D5030-Communications and Security	Telephone System - Light Density	10	2 (Observed)	1.51	35,256	53,307	106%	56,564
Hillcrest	0111	D5010-Electrical Service and Distribution	Feeder for Overhead Service	30	2 (Observed)	12,581.99	1	12,582	125%	15,727
Jackson Hall	0021	D5030-Communications and Security	Fire Alarm System - Average Density	10	2 (Observed)	3.46	11,225	38,869	125%	48,548
Jordan Shop / Warehouse	0039	B2030-Exterior Doors	Door Assembly 5 - Average	30	2 (Observed)	1.08	7,005	7,552	125%	9,456
Nutrition laboratory	0046	C3020-Floor Finishes	VCT 5 - Economy	10	2 (Observed)	2.46	2,960	7,284	125%	9,102
Nutrition laboratory	0046	D3030-Cooling Generating Systems	Cooling - DX Less Than Ten Tons	15	2 (Observed)	5.30	4,300	22,787	125%	28,488
Shauntee Hall	0108	D2020-Domestic Water Distribution	Water Heater - Electric	10	2 (Observed)	1.10	3,000	3,286	125%	4,125

All Costs in USD. Renewal Costs include 0.0% inflation rate.



Year: 2008

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Soils and Lab Office	0145	D5020-Lighting and Branch Wiring	Lighting Fixtures - Light Density	20	2 (Observed)	3.14	1,060	3,325	125%	4,161
Soils and Lab Office	0145	D3040-Distribution Systems	Exhaust - Restroom	20	2 (Observed)	2.66	2,562	6,827	125%	8,519
William Exum Center	0129	D5030-Communications and Security	Fire Alarm System - Average Density	10	2 (Observed)	3.46	124,270	430,309	125%	537,468
William Exum Center	0129	D5092-Emergency Light and Power Systems	Exit Signs - Average Density	10	2 (Observed)	0.52	124,270	64,945	125%	80,776

**Total Renewal Costs: 4,102,819**

Year: 2009

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Academic Service Building	0128	D5010-Electrical Service and Distribution	Distribution - Average Capacity	30	3 (Observed)	7.19	98,271	706,787	125%	883,211
Academic Service Building	0128	D5010-Electrical Service and Distribution	Feeder for Average Service	30	3 (Observed)	1.43	98,271	140,243	125%	175,659
Academic Service Building	0128	D5010-Electrical Service and Distribution	Switchgear - Average Duty	30	3 (Observed)	0.45	98,271	44,011	125%	55,277
Academic Service Building	0128	D5091-Grounding Systems	Lightning Protection System	30	3 (Observed)	2.70	19,654	53,155	100%	53,066

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2009

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Academic Service Building	0128	D2010-Plumbing Fixtures	Restroom Fixtures 8 - Std Density - Economy	30	3 (Observed)	1.54	98,271	151,059	125%	189,172
Academic Service Building	0128	B2030-Exterior Doors	Door Assembly 4 - Moderate Size and Cost	30	3 (Observed)	16,662.30	14	233,272	125%	291,590
Academic Service Building	0128	C3030-Ceiling Finishes	Stainless Steel Panel System	25	3 (Observed)	14.76	9,800	144,648	125%	180,810
Alumni House	0058	C1030-Fittings	Restroom Accessories - Average	25	3 (Observed)	0.99	2,905	2,885	125%	3,595
Alumni House	0058	B30-Roofing	Gutters and Downspouts - Average	50	3 (Observed)	0.36	2,905	1,037	113%	1,177
Aquaculture Bldg	0131	D3040-Distribution Systems	Exhaust - General Building	25	3 (Observed)	1.07	4,620	4,961	113%	5,561
Bell Health Building	0091	C3020-Floor Finishes	Wood Flooring - Average	25	3 (Observed)	15.86	12,000	190,322	125%	237,900
Bell Health Building	0091	C1020-Interior Doors	Swinging Doors - High End	50	3 (Observed)	3,009.92	31	93,307	81%	75,812
Business Office Addition	0119	B2030-Exterior Doors	Door Assembly 5 - Average	30	3 (Observed)	10,781.06	4	43,124	125%	53,905
Business Office Addition	0119	C3020-Floor Finishes	Carpeting 3 - Average	10	3 (Observed)	6.66	2,900	19,301	125%	24,143

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2009

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Community Education Center	0136	C3010-Wall Finishes	Painted Finish - Average	10	3 (Observed)	0.76	29,000	22,133	125%	27,550
Community Education Center	0136	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	3 (Observed)	0.61	3,640	2,232	125%	2,776
Community Education Center	0136	D5030-Communications and Security	Telephone System - Light Density	10	3 (Observed)	1.51	3,640	5,504	106%	5,840
Community Education Center	0136	D5092-Emergency Light and Power Systems	Exit Signs - Average Density	10	3 (Observed)	0.52	3,640	1,902	125%	2,366
Community Education Center	0136	C3020-Floor Finishes	Carpeting 2 - High Quality	10	3 (Observed)	8.47	3,640	30,831	125%	38,539
Community Education Center	0136	D2020-Domestic Water Distribution	Water Heater - Electric	10	3 (Observed)	1.48	2,000	2,964	125%	3,700
Cooperative Extension Program Facility	0043	C3020-Floor Finishes	Carpeting 2 - High Quality	10	3 (Observed)	8.47	1,600	13,552	125%	16,940
Fish Hatchery	0132	B30-Roofing	Fabric Coating	25	3 (Observed)	6.00	2,000	12,010	125%	15,000
Fish Hatchery	0132	D2020-Domestic Water Distribution	Water Heater - Gas Fired	10	3 (Observed)	0.91	5,385	4,921	125%	6,125
Hill Student Center	0110	D5030-Communications and Security	Fire Alarm System - Average Density	10	3 (Observed)	3.46	44,151	152,881	125%	190,953
Hill Student Center Addition	110A	D10-Conveying	Hydraulic Freight/Passenger Elev. - Special	35	3 (Observed)	170,693.18	1	170,693	125%	213,366

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2009

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Hill Student Center Addition	110A	D3040-Distribution Systems	Exhaust - General Building	25	3 (Observed)	1.07	35,256	37,861	113%	42,439
Hill Student Center Addition	110A	D3040-Distribution Systems	Air VAV with Central AHU	25	3 (Observed)	13.65	35,256	481,164	125%	601,556
Hill Student Center Addition	110A	D5030-Communication and Security	Fires Alarm System - Average Density	10	3 (Observed)	3.46	35,256	122,081	125%	152,482
Hillcrest	0111	D5030-Communication and Security	Security System - Light Density	10	3 (Observed)	0.91	7,050	6,428	125%	8,019
Hillcrest	0111	D5030-Communication and Security	Fires Alarm System - Light Density	10	3 (Observed)	1.82	7,050	12,845	125%	16,039
Hume Hall	0015	D5010-Electrical Service and Distribution	Distribution - Average Capacity	30	3 (Observed)	5.22	15,344	80,114	125%	100,120
Jordon Maintenance Building	0106	D5030-Communication and Security	Telephone System - Light Density	10	3 (Observed)	1.51	5,100	7,711	106%	8,182
Jordon Maintenance Building	0106	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	3 (Observed)	0.61	5,100	3,128	125%	3,889
Jordon Maintenance Building	0106	D2010-Plumbing Fixtures	Service/Utility Sinks	30	3 (Observed)	0.25	10,809	2,650	125%	3,378
Jordon Maintenance Building	0106	C3020-Floor Finishes	VCT 5 - Economy	10	3 (Observed)	2.46	3,500	8,613	125%	10,763

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2009

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Motorpool	0134	D5030-Communications and Security	Telephone System - Light Density	10	3 (Observed)	1.51	10,809	16,343	106%	17,342
Motorpool	0134	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	3 (Observed)	0.61	10,809	6,629	125%	8,242
Motorpool	0134	D2010-Plumbing Fixtures	Service/Utility Sinks	30	3 (Observed)	0.25	10,809	2,650	125%	3,378
Motorpool	0134	C3020-Floor Finishes	VCT 5 - Economy	10	3 (Observed)	2.46	3,500	8,613	125%	10,763
Nutrition laboratory	0046	C3030-Ceiling Finishes	ACT System - Economy	10	3 (Observed)	2.23	2,960	6,607	125%	8,251
Shauntee Hall	0108	D5010-Electrical Service and Distribution	Distribution - Average Capacity	30	3 (Observed)	5.22	18,616	97,198	125%	121,469
Soils and Lab Office	0145	C3010-Wall Finishes	Painted Finish - Average	10	3 (Observed)	0.76	11,278	8,607	125%	10,714
White Health Center	0112	D2010-Plumbing Fixtures	Restroom Fixtures 8 - Std Density - Economy	30	3 (Observed)	1.54	10,400	15,987	125%	20,020
William Exum Center	0129	D5030-Communications and Security	LAN System - Economy	15	3 (Observed)	2.12	124,270	263,055	106%	279,918
William Exum Center	0129	C1010-Partitions	Folding Partitions - Deluxe	15	3 (Observed)	134.83	650	87,638	125%	109,549

**Total Renewal Costs: 4,290,546**

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2010

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Agriculture Greenhouse	0146	D3040-Distribution Systems	Perimeter Units - Natural Gas	18	4 (Observed)	8.84	8,400	74,291	113%	83,538
Alumni House	0058	C1010-Partitions	GWB Walls - Standard	50	4 (Observed)	3.67	6,000	22,032	63%	13,763
Alumni House	0058	C1020-Interior Doors	Swinging Doors - Average	50	4 (Observed)	2,195.91	12	26,351	81%	21,410
Bell Health Building	0091	C3020-Floor Finishes	Terrazzo - Standard	50	4 (Observed)	18.09	600	10,852	125%	13,568
Business Office Addition	0119	B2020-Exterior Windows	Aluminum Windows	30	4 (Observed)	82.24	2,080	171,056	125%	213,824
Business Office Addition	0119	C3010-Wall Finishes	Painted Finish - Average	10	4 (Observed)	0.76	6,000	4,579	125%	5,700
Business Office Addition	0119	C3030-Ceiling Finishes	ACT System - Deluxe	20	4 (Observed)	4.25	3,000	12,744	125%	15,938
Chilled Water Plant	0126	D5092-Emergency Light and Power Systems	Exit Signs - Low Density	10	4 (Observed)	0.31	14,290	4,481	125%	5,537
Community Education Center	0136	D5030-Communications and Security	Fire Alarm System - Average Density	10	4 (Observed)	3.46	3,640	12,604	125%	15,743
Cooperative Extension Program Facility	0043	C3010-Wall Finishes	Painted Finish - Average	10	4 (Observed)	0.76	104,961	80,106	125%	99,713
Hill Student Center Addition	110A	B30-Roofing	Ballasted Single Ply Membrane	25	4 (Observed)	5.70	8,814	50,257	125%	62,800

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2010

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Hume Hall	0015	D5030-Communications and Security	Fire Alarm System - Average Density	10	4 (Observed)	3.46	15,344	53,132	125%	66,363
Jordon Maintenance Building	0106	D20-Plumbing	Sanitary Waste System - High End	50	4 (Observed)	3.86	10,809	41,673	113%	46,938
Motorpool	0134	D20-Plumbing	Sanitary Waste System - High End	50	4 (Observed)	3.86	10,809	41,673	113%	46,938
Shauntee Hall	0108	C1030-Fittings	Restroom Accessories - Average	25	4 (Observed)	0.99	650	645	125%	804
Shauntee Hall	0108	C3010-Wall Finishes	Painted Finish - Average	10	4 (Observed)	0.76	62,810	47,937	125%	59,670

**Total Renewal Costs: 772,247**

Year: 2011

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Agriculture Greenhouse	0146	D5020-Lighting and Branch Wiring	Lighting Fixtures - Light Density	20	5 (Observed)	1.36	8,400	11,434	125%	14,280
Agriculture Greenhouse	0146	E-Equipment and Furnishings	Kitchen Cabinets - Average	20	5 (Observed)	174.38	20	3,488	125%	4,360
Alumni House	0058	B30-Roofing	Asphalt Shingled Roofing	20	5 (Observed)	5.13	4,000	20,506	125%	25,650

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2011

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Alumni House	0058	D20-Plumbing	Sanitary Waste System - High End	50	5 (Observed)	3.86	2,905	11,200	113%	12,615
Alumni House	0058	E-Equipment and Furnishings	Kitchen Cabinets - Average	20	5 (Observed)	174.38	48	8,370	125%	10,463
Aquaculture Bldg	0131	B2020-Exterior Windows	Aluminum Windows	30	5 (Observed)	82.24	799	65,708	125%	82,137
Atwood Agricultural Research	0018	D3040-Distribution Systems	Air Constant Volume System	25	5 (Observed)	9.91	29,042	287,773	113%	323,782
Atwood Agricultural Research	0018	D3040-Distribution Systems	Exhaust - General Building	25	5 (Observed)	1.07	29,042	31,187	113%	34,959
Bell Health Building	0091	B30-Roofing	Elastomeric Coating	25	5 (Observed)	8.88	34,836	309,511	125%	386,680
Blazer Library	0022	D2020-Domestic Water Distribution	Water Heater - Electric	10	5 (Observed)	1.48	2,000	2,964	125%	3,700
Boiler Plant Addition	0120	D5010-Electrical Service and Distribution	Switchgear - Motor Control Center	30	5 (Observed)	7,895.45	1	7,895	125%	9,869
Bradford Hall	0090	D40-Fire Protection	Fire Extinguishers	30	5 (Observed)	0.03	63,888	1,966	125%	2,396
Bradford Hall	0090	E-Equipment and Furnishings	Laboratory Casework - High School	30	5 (Observed)	42.54	8,000	340,301	125%	425,400

All Costs in USD. Renewal Costs include 0.0% inflation rate.



Year: 2011

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Business Office Addition	0119	D2010-Plumbing Fixtures	Restroom Fixtures 8 - Std Density - Economy	30	5 (Observed)	1.54	3,000	4,611	125%	5,775
Chilled Water Plant	0126	B2030-Exterior Doors	Door Assembly 2 - High Cost	30	5 (Observed)	12,114.53	3	36,344	125%	45,429
Chilled Water Plant	0126	B2020-Exterior Windows	Steel Windows	30	5 (Observed)	71.65	1,486	106,478	125%	133,090
Chilled Water Plant	0126	D5010-Electrical Service and Distribution	Distribution System - Heavy Capacity	30	5 (Observed)	9.83	14,290	140,539	125%	175,588
Chilled Water Plant	0126	D5010-Electrical Service and Distribution	Switchgear - Motor Control Center	30	5 (Observed)	31,806.81	1	31,807	125%	39,759
Chilled Water Plant	0126	D5092-Emergency Light and Power Systems	Emergency Generator - Large 500KW	20	5 (Observed)	143,306.52	1	143,307	125%	179,133
Chilled Water Plant	0126	D5010-Electrical Service and Distribution	Switchgear - Heavy Duty	30	5 (Observed)	81,876.96	1	81,877	125%	102,346
Chilled Water Plant	0126	D5010-Electrical Service and Distribution	Switchgear - Unit Substation for Emergency System	30	5 (Observed)	124,231.68	1	124,232	125%	155,290
Cooperative Extension Program Facility	0043	C3020-Floor Finishes	VCT 5 - Economy	10	5 (Observed)	2.46	18,000	44,297	125%	55,350

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2011

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Cooperative Extension Program Facility	0043	D5030-Communications and Security	Telephone System - Average Density	10	5 (Observed)	2.27	23,844	54,078	106%	57,509
Hill Student Center	0110	E-Equipment and Furnishings	Food Service Counters - High End	25	5 (Observed)	3,934.97	5	19,675	125%	24,594
Hill Student Center	0110	C1030-Fittings	Restroom Accessories - Average	25	5 (Observed)	0.99	14,702	14,599	125%	18,194
Hill Student Center	0110	C3010-Wall Finishes	Painted Finish - Average	10	5 (Observed)	0.76	194,353	148,330	125%	184,635
Hill Student Center	0110	C3020-Floor Finishes	VCT 4 - Average	15	5 (Observed)	4.32	21,413	92,473	125%	115,630
Hill Student Center	0110	C3030-Ceiling Finishes	ACT System - Standard	15	5 (Observed)	3.69	38,800	143,032	125%	178,965
Hill Student Center	0110	B30-Roofing	Ballasted Single Ply Membrane	25	5 (Observed)	5.70	22,076	125,873	125%	157,288
Hill Student Center Addition	110A	E-Equipment and Furnishings	Kitchen Cabinets - Average	20	5 (Observed)	174.38	20	3,488	125%	4,360
Hillcrest	0111	D5020-Lighting and Branch Wiring	Lighting Fixtures - Light Density	20	5 (Observed)	3.14	7,050	22,114	125%	27,671
Hillcrest	0111	C3010-Wall Finishes	Painted Finish - Average	10	5 (Observed)	0.76	25,000	19,080	125%	23,750
Hillcrest	0111	C3020-Floor Finishes	Quarry Tile - Average	25	5 (Observed)	18.16	500	9,078	125%	11,350

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2011

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Hume Hall	0015	B2030-Exterior Doors	Door Assembly 4 - Moderate Size and Cost	30	5 (Observed)	5,738.77	76	436,147	125%	545,183
Hume Hall	0015	C3010-Wall Finishes	Painted Finish - Average	10	5 (Observed)	0.76	55,000	41,976	125%	52,250
Hume Hall	0015	C3020-Floor Finishes	Carpeting 2 - High Quality	10	5 (Observed)	8.47	15,344	129,965	125%	162,455
Hume Hall	0015	C3020-Floor Finishes	Vinyl Sheet Goods	15	5 (Observed)	8.64	4,000	34,554	125%	43,200
Hume Hall	0015	D3040-Distribution Systems	Exhaust - General Building	25	5 (Observed)	1.07	15,344	16,478	113%	18,470
Jackson Hall	0021	D2020-Domestic Water Distribution	Water Heater - Electric	10	5 (Observed)	1.48	2,000	2,964	125%	3,700
Jordan Shop / Warehouse	0039	B2010-Exterior Walls	Brick Walls	75	5 (Observed)	22.94	7,005	160,682	13%	20,086
Nutrition laboratory	0046	C3010-Wall Finishes	Paint Masonry/Epoxy Finish - Economy	15	5 (Observed)	2.02	2,960	5,967	125%	7,474
Nutrition laboratory	0046	E-Equipment and Furnishings	College Eng Lab Equip - Average	30	5 (Observed)	27.88	1,415	39,448	125%	49,313
Nutrition laboratory	0046	B30-Roofing	Asphalt Shingled Roofing	20	5 (Observed)	5.13	2,960	15,174	125%	18,981

All Costs in USD. Renewal Costs include 0.0% inflation rate.



Year: 2011

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Shauntee Hall	0108	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	5 (Observed)	0.61	18,616	11,417	125%	14,195
Soils and Lab Office	0145	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	5 (Observed)	0.61	2,562	1,571	125%	1,954
White Health Center	0112	C1010-Partitions	Windows/Storefront Partitions - Average	50	5 (Observed)	66.13	400	26,450	125%	33,065
William Exum Center	0129	C3010-Wall Finishes	Paint Masonry/Epoxy Finish - Economy	15	5 (Observed)	2.02	245,000	493,920	125%	618,625
William Exum Center	0129	C3010-Wall Finishes	Painted Finish - Average	10	5 (Observed)	0.76	419,287	320,000	125%	398,323
William Exum Center	0129	E-Equipment and Furnishings	Swimming Pool Locker Equipment	20	5 (Observed)	1,637,300.61	1	1,637,301	125%	2,046,626
William Exum Center	0129	C3020-Floor Finishes	VCT 4 - Average	15	5 (Observed)	4.32	53,933	232,913	125%	291,238
William Exum Center	0129	C3030-Ceiling Finishes	ACT System - Standard	15	5 (Observed)	3.69	124,270	458,109	125%	573,195
William Exum Center	0129	C3020-Floor Finishes	Wood Flooring - Average	25	5 (Observed)	15.86	2,100	33,306	125%	41,633
William Exum Center	0129	B30-Roofing	BUR (Built up Roofing)	20	5 (Observed)	6.85	124,270	851,735	125%	1,064,062
William Exum Center	0129	C3020-Floor Finishes	VCT 1-Deluxe	20	5 (Observed)	15.29	32,500	496,969	125%	621,156

**Total Renewal Costs: 9,657,181**

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2012

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Agriculture Greenhouse	0146	D3040-Distribution Systems	Perimeter Units - Natural Gas	18	6 (Observed)	8.84	8,400	74,291	113%	83,538
Bell Health Building	0091	D20-Plumbing	Sanitary Waste System - Low End	50	6 (Observed)	1.56	34,836	54,400	113%	61,137
Bell Health Building	0091	C1010-Partitions	CMU Walls - Glazed 1 Side	50	6 (Observed)	17.64	18,000	317,520	63%	198,450
Cooperative Extension Program Facility	0043	B30-Roofing	BUR (Built up Roofing)	20	6 (Observed)	6.85	11,922	81,712	125%	102,082
Cooperative Extension Program Facility	0043	D3040-Distribution Systems	Exhaust - Restroom	20	6 (Observed)	1.86	23,844	44,336	125%	55,437
Cooperative Extension Program Facility	0043	D2010-Plumbing Fixtures	Drinking Fountains	20	6 (Observed)	0.19	23,844	4,496	125%	5,663
Cooperative Extension Program Facility	0043	D5020-Lighting and Branch Wiring	Branch Wiring - Average Density	20	6 (Observed)	3.84	23,844	91,617	125%	114,451
Cooperative Extension Program Facility	0043	B30-Roofing	Asphalt Shingled Roofing	20	6 (Observed)	5.13	5,338	27,365	125%	34,230
Cooperative Extension Program Facility	0043	D3060-Controls and Instrumentation	DDC System - High End	20	6 (Observed)	4.73	23,844	112,835	125%	140,978
Hume Hall	0015	C3010-Wall Finishes	Wall Covering	10	6 (Observed)	3.06	110,000	336,871	125%	420,750
Jordon Maintenance Building	0106	C3030-Ceiling Finishes	ACT System - Economy	10	6 (Observed)	2.23	3,500	7,812	125%	9,756
Motorpool	0134	C3030-Ceiling Finishes	ACT System - Economy	10	6 (Observed)	2.23	3,500	7,812	125%	9,756

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2012

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Shauntee Hall	0108	C3020-Floor Finishes	VCT 2 - High Quality	20	6 (Observed)	8.64	1,850	15,981	125%	19,980
William Exum Center	0129	D3040-Distribution Systems	Perimeter Units - HW/Steam/CW	18	6 (Observed)	8.84	124,270	1,099,067	113%	1,235,865

**Total Renewal Costs: 2,492,073**

Year: 2013

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Bell Health Building	0091	D2020-Domestic Water Distribution	Water Heater - Gas Fired	10	7 (Observed)	0.91	3,000	2,742	125%	3,413
Blazer Library	0022	C1030-Fittings	Restroom Accessories - Average	25	7 (Observed)	0.99	62,200	61,763	125%	76,973
Blazer Library	0022	D3040-Distribution Systems	Exhaust - General Building	25	7 (Observed)	1.07	62,200	66,795	113%	74,873
Blazer Library	0022	D3040-Distribution Systems	Air VAV with Central AHU	25	7 (Observed)	13.65	62,200	848,888	125%	1,061,288
Blazer Library	0022	D2010-Plumbing Fixtures	Restroom Fixtures	30	7 (Observed)	1.54	62,200	95,612	125%	119,735
Bradford Hall	0090	D5030-Communication and Security	LAN System - Medium	15	7 (Observed)	3.13	63,888	200,097	106%	212,468

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2013

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Carver Hall Annex	0042	D5030-Communications and Security	Telephone System - Average Density	10	7 (Observed)	2.27	45,748	103,756	106%	110,338
Carver Hall Annex	0042	C3010-Wall Finishes	Painted Finish - Average	10	7 (Observed)	0.76	201,383	153,696	125%	191,314
Carver Hall Annex	0042	C3020-Floor Finishes	Carpeting 3 - Average	10	7 (Observed)	6.66	12,306	81,905	125%	102,447
Hill Student Center	0110	D5092-Emergency Light and Power Systems	Exit Signs - Average Density	10	7 (Observed)	0.52	44,151	23,074	125%	28,698
Hill Student Center	0110	D2020-Domestic Water Distribution	Water Heater - Electric	10	7 (Observed)	1.48	2,000	2,964	125%	3,700
Hill Student Center Addition	110A	D5092-Emergency Light and Power Systems	Exit Signs - Average Density	10	7 (Observed)	0.52	35,256	18,425	125%	22,916
Hill Student Center Addition #2	110B	C3010-Wall Finishes	Painted Finish - Average	10	7 (Observed)	0.76	51,900	39,610	125%	49,305
Hill Student Center Addition #2	110B	D5030-Communications and Security	Fire Alarm System - Average Density	10	7 (Observed)	3.46	22,783	78,891	125%	98,536
Hill Student Center Addition #2	110B	D5030-Communications and Security	Telephone System - Light Density	10	7 (Observed)	1.51	22,783	34,448	106%	36,552
Hill Student Center Addition #2	110B	D5092-Emergency Light and Power Systems	Exit Signs - Average Density	10	7 (Observed)	0.52	22,783	11,907	125%	14,809

All Costs in USD. Renewal Costs include 0.0% inflation rate.



Year: 2013

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Hillcrest	0111	C3020-Floor Finishes	Carpeting 2 - High Quality	10	7 (Observed)	8.47	4,800	40,656	125%	50,820
Jordan Shop / Warehouse	0039	D5030-Communications and Security	Telephone System - Average Density	10	7 (Observed)	2.27	11,225	25,458	106%	27,073
Jordan Shop / Warehouse	0039	C3010-Wall Finishes	Painted Finish - Average	10	7 (Observed)	0.76	11,225	8,567	125%	10,664
Jordan Shop / Warehouse	0039	C3020-Floor Finishes	Carpeting 3 - Average	10	7 (Observed)	6.66	8,000	53,245	125%	66,600
MPU Docking Station	0149	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	7 (Observed)	0.61	1,080	662	125%	824
Nutrition laboratory	0046	D5020-Lighting and Branch Wiring	Lighting Fixtures - Light Density	20	7 (Observed)	3.14	2,960	9,285	125%	11,618
Nutrition laboratory	0046	D5092-Emergency Light and Power Systems	Emergency Generator - Small 100KW	20	7 (Observed)	3,857.80	1	3,858	125%	4,822
Shauntee Hall	0108	C3030-Ceiling Finishes	ACT System - Standard	15	7 (Observed)	3.69	12,566	46,323	125%	57,961
Shauntee Hall	0108	D5030-Communications and Security	Fire Alarm System - Average Density	10	7 (Observed)	3.46	18,616	64,462	125%	80,514
Soils and Lab Office	0145	C1030-Fittings	Restroom Accessories - Average	25	7 (Observed)	0.99	2,562	2,544	125%	3,170

**Total Renewal Costs: 2,521,431**

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2014

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Academic Service Building	0128	D5030-Communications and Security	Telephone System - High Density	10	8 (Observed)	3.02	98,271	297,172	106%	315,327
Academic Service Building	0128	D40-Fire Protection	Wet Sprinkler System w/Pump - Lt Hazard	35	8 (Observed)	10.39	98,271	1,021,471	113%	1,148,665
Academic Service Building	0128	D10-Conveying	Hydraulic Freight/Passenger Elev. - Special	35	8 (Observed)	170,693.18	1	170,693	125%	213,366
Academic Service Building	0128	E-Equipment and Furnishings	Fixed Seating - Average	25	8 (Observed)	45.54	22,500	1,024,579	63%	640,406
Aquaculture Bldg	0131	B2030-Exterior Doors	Door Assembly 4 - Moderate Size and Cost	30	8 (Observed)	37,439.64	1	37,440	125%	46,800
Aquaculture Bldg	0131	D5010-Electrical Service and Distribution	Distribution - Average Capacity	30	8 (Observed)	10.41	4,620	48,091	125%	60,118
Atwood Agricultural Research	0018	B2010-Exterior Walls	Brick Walls	75	8 (Observed)	22.94	11,267	258,457	13%	32,308
Atwood Agricultural Research	0018	A-Substructure	Foundation Wall and Footings 8' - Full Basement	75	8 (Observed)	28.00	15,534	434,911	6%	27,185
Atwood Agricultural Research	0018	C20-Stairs	Stairs - Average	75	8 (Observed)	10,837.99	4	43,352	38%	16,257

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2014

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Atwood Agricultural Research	0018	A-Substructure	Structural Slab on Grade - Light Industrial	75	8 (Observed)	7.76	14,521	112,706	6%	7,043
Atwood Agricultural Research	0018	B10-Superstructure	Multi Floor Superstructure - High Cost	75	8 (Observed)	28.14	29,042	817,172	6%	51,078
Community Education Center	0136	C3020-Floor Finishes	VCT 4 - Average	15	8 (Observed)	4.32	1,765	7,622	125%	9,531
Community Education Center	0136	D5030-Communication and Security	LAN System - Economy	15	8 (Observed)	2.12	3,640	7,705	106%	8,199
Community Education Center	0136	D3030-Cooling Generating Systems	Cooling - DX Less Than Ten Tons	15	8 (Observed)	5.30	3,640	19,289	125%	24,115
Fish Hatchery	0132	D5010-Electrical Service and Distribution	Distribution - Average Capacity	30	8 (Observed)	10.41	5,385	56,054	125%	70,072
Fish Hatchery	0132	B2030-Exterior Doors	Door Assembly 4 - Moderate Size and Cost	30	8 (Observed)	54,931.18	1	54,931	125%	68,664
Fish Hatchery	0132	B2020-Exterior Windows	Aluminum Windows	30	8 (Observed)	82.24	932	76,646	125%	95,810
Fish Hatchery	0132	E-Equipment and Furnishings	Lab Equip - Average	30	8 (Observed)	27.88	1,250	34,848	125%	43,563
Hill Student Center	0110	C1030-Fittings	Toilet Partitions - Average	40	8 (Observed)	1.64	14,702	24,075	125%	30,139
Hill Student Center Addition	110A	D2010-Plumbing Fixtures	Service/Utility Sinks	30	8 (Observed)	0.25	35,256	8,644	125%	11,018

All Costs in USD. Renewal Costs include 0.0% inflation rate.



Year: 2014

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Hill Student Center Addition	110A	D5010-Electrical Service and Distribution	Switchgear - Motor Control Center	30	8 (Observed)	32,301.94	1	32,302	125%	40,377
Hill Student Center Addition	110A	D3040-Distribution Systems	Four Pipe System	30	8 (Observed)	14.27	35,256	503,249	113%	565,991
Hillcrest	0111	D3030-Cooling Generating Systems	Cooling - DX Less Than Ten Tons	15	8 (Observed)	5.30	7,050	37,359	125%	46,706
Hume Hall	0015	D3060-Controls and Instrumentation	HVAC Pneumatic Controls - Average	18	8 (Observed)	2.12	15,344	32,583	113%	36,595
Hume Hall	0015	D5030-Communications and Security	Telephone System - High Density	10	8 (Observed)	3.02	15,344	46,400	106%	49,235
Jackson Hall	0021	B10-Superstructure	Multi Floor Superstructure - High Cost	75	8 (Observed)	28.14	11,225	315,845	6%	19,742
Jordon Maintenance Building	0106	D3050-Terminal and Package Units	Package Gas Heat and AC	15	8 (Observed)	5.85	5,100	29,848	125%	37,294
Motorpool	0134	D3050-Terminal and Package Units	Package Gas Heat and AC	15	8 (Observed)	5.85	10,809	63,259	125%	79,041
Shauntee Hall	0108	C1030-Fittings	Toilet Partitions - Average	40	8 (Observed)	1.64	350	573	125%	718
William Exum Center	0129	D2090-Other Plumbing Systems	Pool Filter and Treatment Equipment	20	8 (Observed)	4,403.51	1	4,404	125%	5,504

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2014

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
William Exum Center	0129	D5020-Lighting and Branch Wiring	Lighting Fixtures - Average Density	20	8 (Observed)	3.84	124,270	477,489	125%	596,496
William Exum Center	0129	D3040-Distribution Systems	Heat Exchanger - Shell and Tube	20	8 (Observed)	1.53	124,270	189,766	125%	237,666
William Exum Center	0129	D3060-Controls and Instrumentation	DDC System - Average	20	8 (Observed)	3.38	124,270	420,370	125%	525,041
William Exum Center	0129	D5092-Emergency Light and Power Systems	Emergency Generator - Small 100KW	20	8 (Observed)	50,176.84	1	50,177	125%	62,721
William Exum Center	0129	D3040-Distribution Systems	Heat Exchanger - Shell and Tube	20	8 (Observed)	1.53	124,270	189,766	125%	237,666

**Total Renewal Costs: 5,460,457**

Year: 2015

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Academic Service Building	0128	D5092-Emergency Light and Power Systems	Exit Signs - Average Density	10	9 (Observed)	0.52	98,271	51,358	125%	63,876
Academic Service Building	0128	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	9 (Observed)	0.61	98,271	60,267	125%	74,932

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2015

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Atwood Agricultural Research	0018	D5092-Emergency Light and Power Systems	Exit Signs - Low Density	10	9 (Observed)	0.31	29,042	9,107	125%	11,254
Atwood Agricultural Research	0018	D5010-Electrical Service and Distribution	Switchgear - Heavy Duty	30	9 (Observed)	47,424.12	1	47,424	125%	59,280
Bradford Hall	0090	D5092-Emergency Light and Power Systems	Exit Signs - Low Density	10	9 (Observed)	0.31	63,888	20,033	125%	24,757
Bradford Hall	0090	D20-Plumbing	Sanitary Waste System - High End	50	9 (Observed)	3.86	63,888	246,316	113%	277,434
Bradford Hall	0090	D20-Plumbing	Rain Water Drainage - Average	50	9 (Observed)	1.38	63,888	88,359	113%	99,186
Carver Hall Annex	0042	D5092-Emergency Light and Power Systems	Exit Signs - Low Density	10	9 (Observed)	0.31	45,748	14,345	125%	17,727
Carver Hall Annex	0042	C1020-Interior Doors	Swinging Doors - Average	50	9 (Observed)	2,195.91	45	98,816	81%	80,288
Cooperative Extension Program Facility	0043	D5092-Emergency Light and Power Systems	Exit Signs - Low Density	10	9 (Observed)	0.31	23,844	7,477	125%	9,240
Hill Student Center Addition	110A	D5010-Electrical Service and Distribution	Distribution - Average Capacity	30	9 (Observed)	5.22	35,256	184,078	125%	230,045
Hill Student Center Addition	110A	D5010-Electrical Service and Distribution	Switchgear - Heavy Duty	30	9 (Observed)	51,572.52	1	51,573	125%	64,466

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2015

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Hill Student Center Addition #2	110B	D5010-Electrical Service and Distribution	Switchgear - Heavy Duty	30	9 (Observed)	137,215.30	1	137,215	125%	171,519
Hume Hall	0015	D5092-Emergency Light and Power Systems	Exit Signs - Average Density	10	9 (Observed)	0.52	15,344	8,019	125%	9,974
Hume Hall	0015	D5010-Electrical Service and Distribution	Switchgear - Heavy Duty	30	9 (Observed)	15,650.52	1	15,651	125%	19,563
Jackson Hall	0021	D5092-Emergency Light and Power Systems	Exit Signs - Low Density	10	9 (Observed)	0.31	11,225	3,520	125%	4,350
Jordan Shop / Warehouse	0039	D5092-Emergency Light and Power Systems	Exit Signs - Low Density	10	9 (Observed)	0.31	11,225	3,520	125%	4,350
Soils and Lab Office	0145	C3030-Ceiling Finishes	ACT System - Standard	15	9 (Observed)	3.69	2,562	9,445	125%	11,817
Soils and Lab Office	0145	E-Equipment and Furnishings	Kitchen Cabinets - Average	20	9 (Observed)	174.38	36	6,278	125%	7,847

**Total Renewal Costs: 1,241,905**

Year: 2016

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Atwood Agricultural Research	0018	D40-Fire Protection	Fire Extinguishers	30	10 (Observed)	0.03	29,042	894	125%	1,089

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2016

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Atwood Agricultural Research	0018	D3020-Heat Generating Systems	Boiler HW - Gas Fired - Economy	30	10 (Observed)	4.83	29,042	140,360	125%	175,341
Atwood Agricultural Research	0018	B2020-Exterior Windows	Aluminum Windows	30	10 (Observed)	82.24	5,024	413,166	125%	516,467
Atwood Agricultural Research	0018	B2030-Exterior Doors	Door Assembly 5 - Average	30	10 (Observed)	10,781.06	5	53,905	125%	67,382
Atwood Agricultural Research	0018	C3030-Ceiling Finishes	GWB Taped and Finished	30	10 (Observed)	3.64	29,042	105,806	63%	66,071
Atwood Agricultural Research	0018	E-Equipment and Furnishings	Laboratory Equipment - College	30	10 (Observed)	62.80	13,000	816,379	125%	1,020,500
Atwood Agricultural Research	0018	D2010-Plumbing Fixtures	Laboratory Sinks	30	10 (Observed)	4.28	29,042	124,252	125%	155,375
Atwood Agricultural Research	0018	D2010-Plumbing Fixtures	Service/Utility Sinks	30	10 (Observed)	0.25	29,042	7,120	125%	9,076
Blazer Library	0022	D5090-Other Electrical Systems	Lightning Protection System	30	10 (Observed)	24,877.18	1	24,877	125%	31,096
Cooperative Extension Program Facility	0043	E-Equipment and Furnishings	School Equipment - High End	20	10 (Observed)	11.25	23,844	268,159	125%	335,306
Cooperative Extension Program Facility	0043	C3030-Ceiling Finishes	ACT System - Standard	15	10 (Observed)	3.69	20,363	75,066	125%	93,924
Hill Student Center	0110	B2020-Exterior Windows	Steel Windows	30	10 (Observed)	71.65	6,600	472,919	125%	591,113

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2016

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Hill Student Center	0110	B2030-Exterior Doors	Door Assembly 3 - High Size and Cost	30	10 (Observed)	6,470.28	8	51,762	125%	64,703
Hill Student Center Addition	110A	C3010-Wall Finishes	Painted Finish - Average	10	10 (Observed)	0.76	155,197	118,446	125%	147,437
Hill Student Center Addition	110A	E-Equipment and Furnishings	Kitchen Equipment - Average	25	10 (Observed)	46,975.64	2	93,951	125%	117,439
Jackson Hall	0021	D3020-Heat Generating Systems	Boiler HW - Gas Fired - Economy	30	10 (Observed)	4.83	11,225	54,251	125%	67,771
Jackson Hall	0021	C3030-Ceiling Finishes	GWB Taped and Finished	30	10 (Observed)	3.64	11,225	40,895	63%	25,537
Jackson Hall	0021	D5090-Other Electrical Systems	Lightning Protection System	30	10 (Observed)	18,514.54	1	18,515	125%	23,143
Shauntee Hall	0108	D5030-Communication and Security	LAN System - High	15	10 (Observed)	4.18	18,616	77,740	106%	82,678
Shauntee Hall	0108	C1010-Partitions	Folding Partitions - Deluxe	15	10 (Observed)	134.83	550	74,155	125%	92,696
Soils and Lab Office	0145	D5030-Communication and Security	LAN System - High	15	10 (Observed)	4.18	2,562	10,699	106%	11,378
Utility Services - Electrical	Services	G4010-Electrical Distribution	Electrical Site Distribution Line 4160 V	30	10 (Observed)	233.63	7,000	1,635,379	100%	1,635,410
William Exum Center	0129	C1030-Fittings	Restroom Accessories - Average	25	10 (Observed)	0.99	124,270	123,397	125%	153,784

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2016

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
William Exum Center	0129	C3020-Floor Finishes	Ceramic Tile - Average	25	10 (Observed)	12.09	4,560	55,141	125%	68,913

Total Renewal Costs: 5,553,629

Year: 2017

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Academic Service Building	0128	D5030-Communication and Security	Security System - Average	10	0 (Observed)	1.94	98,271	190,713	125%	238,307
Academic Service Building	0128	D5030-Communication and Security	Fire Alarm System - Average Density	10	0 (Observed)	3.46	98,271	340,282	125%	425,022
Academic Service Building	0128	C3010-Wall Finishes	Painted Finish - Average	10	0 (Observed)	0.76	432,589	330,152	125%	410,960
Academic Service Building	0128	C3010-Wall Finishes	Wall Covering - Linen	10	0 (Observed)	3.06	19,600	60,024	125%	74,970
Academic Service Building	0128	D5092-Emergency Light and Power Systems	UPS System - Light Capacity	10	1 (Observed)	0.58	98,271	57,044	125%	71,246
Agriculture Greenhouse	0146	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	1 (Observed)	0.14	8,400	1,165	125%	1,470
Agriculture Greenhouse	0146	D3040-Distribution Systems	Exhaust - General Building	25	11 (Observed)	1.07	64,000	68,728	113%	77,040

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2017

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Alumni House	0058	D2020-Domestic Water Distribution	Water Heater - Natural Gas	10	0 (Observed)	1.48	2,000	2,964	125%	3,700
Alumni House	0058	D5030-Communications and Security	Telephone System - Light Density	10	1 (Observed)	1.51	2,905	4,392	106%	4,661
Aquaculture Bldg	0131	D2020-Domestic Water Distribution	Water Heater - Electric	10	0 (Observed)	1.48	2,000	2,964	125%	3,700
Aquaculture Bldg	0131	D5092-Emergency Light and Power Systems	Exit Signs - Low Density	10	1 (Observed)	0.31	4,620	1,449	125%	1,790
Aquaculture Bldg	0131	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	1 (Observed)	0.61	4,620	2,833	125%	3,523
Aquaculture Bldg	0131	D5030-Communications and Security	Telephone System - Light Density	10	1 (Observed)	1.51	4,620	6,985	106%	7,412
Atwood Agricultural Research	0018	C3010-Wall Finishes	Painted Finish - Average	10	0 (Observed)	0.76	66,158	50,492	125%	62,850
Atwood Agricultural Research	0018	D2020-Domestic Water Distribution	Water Heater - Natural Gas	10	0 (Observed)	1.48	2,000	2,964	125%	3,700
Atwood Agricultural Research	0018	D5030-Communications and Security	Fire Alarm System - Average Density	10	1 (Observed)	3.46	29,042	100,564	125%	125,607

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2017

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Atwood Agricultural Research	0018	D5030-Communications and Security	Telephone System - Average Density	10	1 (Observed)	2.27	29,042	65,867	106%	70,046
Bell Health Building	0091	C3010-Wall Finishes	Painted Finish - Average	10	1 (Observed)	0.76	153,348	117,035	125%	145,681
Bell Health Building	0091	D5092-Emergency Light and Power Systems	UPS System - Light Capacity	10	1 (Observed)	1.46	34,836	50,711	125%	63,576
Bell Health Building	0091	D5030-Communications and Security	Telephone System - Light Density	10	1 (Observed)	1.51	34,836	52,672	106%	55,890
Bell Health Building	0091	D5010-Electrical Service and Distribution	Distribution - Average Capacity	30	11 (Observed)	5.22	34,836	181,886	125%	227,305
Bell Health Building	0091	D5010-Electrical Service and Distribution	Switchgear - Heavy Duty	30	11 (Observed)	18,378.63	1	18,379	125%	22,973
Blazer Library	0022	C3010-Wall Finishes	Painted Finish - Average	10	0 (Observed)	0.76	273,804	208,967	125%	260,114
Blazer Library	0022	C3020-Floor Finishes	Carpeting 3 - Average	10	0 (Observed)	6.66	62,200	413,983	125%	517,815
Blazer Library	0022	D5092-Emergency Light and Power Systems	UPS System - Average Capacity	10	1 (Observed)	1.59	62,200	98,775	125%	123,623
Blazer Library	0022	D5092-Emergency Light and Power Systems	Exit Signs - Average Density	10	1 (Observed)	0.52	62,200	32,507	125%	40,430

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2017

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Boiler Plant Addition	0120	D5092-Emergency Light and Power Systems	Exit Signs - Low Density	10	0 (Observed)	0.31	3,150	988	125%	1,221
Boiler Plant Addition	0120	D5030-Communications and Security	Telephone System - Light Density	10	0 (Observed)	1.51	3,150	4,763	106%	5,054
Bradford Hall	0090	D5030-Communications and Security	Clock System - Average Building	10	0 (Observed)	3.39	63,888	216,861	125%	270,725
Bradford Hall	0090	C3010-Wall Finishes	Painted Finish - Average	10	0 (Observed)	0.76	281,235	214,639	125%	267,173
Bradford Hall	0090	C3020-Floor Finishes	Carpeting 2 - High Quality	10	0 (Observed)	8.47	8,000	67,761	125%	84,700
Bradford Hall	0090	C3020-Floor Finishes	Ceramic Tile - Average	25	11 (Observed)	12.09	3,000	36,277	125%	45,338
Business Office Addition	0119	D2020-Domestic Water Distribution	Water Heater - Electric	10	0 (Observed)	1.48	3,000	4,445	125%	5,550
Business Office Addition	0119	D5030-Communications and Security	Telephone System - Light Density	10	1 (Observed)	1.51	3,000	4,536	106%	4,813
Carver Hall Annex	0042	D5030-Communications and Security	Clock System - Average Building	10	0 (Observed)	3.39	45,748	155,287	125%	193,857
Carver Hall Annex	0042	D5030-Communications and Security	Fire Alarm System - Average Density	10	0 (Observed)	3.46	45,748	158,411	125%	197,860
Carver Hall Annex	0042	B2020-Exterior Windows	Aluminum Windows	30	11 (Observed)	82.24	3,980	327,309	125%	409,144

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2017

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Chilled Water Plant	0126	D5030-Communications and Security	Telephone System - Light Density	10	0 (Observed)	1.51	14,290	21,606	106%	22,927
Cooperative Extension Program Facility	0043	D5030-Communications and Security	Fire Alarm System - Average Density	10	0 (Observed)	3.46	23,844	82,564	125%	103,125
Cooperative Extension Program Facility	0043	D3040-Distribution Systems	Air VAV with Central AHU	25	11 (Observed)	13.65	23,844	325,416	125%	406,838
Cooperative Extension Program Facility	0043	C3020-Floor Finishes	Quarry Tile - Average	25	11 (Observed)	18.16	1,600	29,049	125%	36,320
Cooperative Extension Program Facility	0043	D3040-Distribution Systems	Air VAV with Central AHU	25	11 (Observed)	13.65	23,844	325,416	125%	406,838
Cooperative Extension Program Facility	0043	C1030-Fittings	Restroom Accessories - Average	25	11 (Observed)	0.99	23,844	23,676	125%	29,507
Fish Hatchery	0132	C3010-Wall Finishes	Painted Finish - Average	10	1 (Observed)	0.76	12,267	9,362	125%	11,654
Fish Hatchery	0132	D5092-Emergency Light and Power Systems	Exit Signs - Low Density	10	1 (Observed)	0.31	5,385	1,689	125%	2,087
Fish Hatchery	0132	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	1 (Observed)	0.61	5,385	3,302	125%	4,106
Fish Hatchery	0132	D5030-Communications and Security	Telephone System - Light Density	10	1 (Observed)	1.51	5,385	8,142	106%	8,640
Hillcrest	0111	D2020-Domestic Water Distribution	Water Heater - Gas Fired	10	0 (Observed)	0.91	7,050	6,443	125%	8,019

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2017

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Hillcrest	0111	D5030-Communications and Security	Telephone System - Light Density	10	1 (Observed)	1.51	7,050	10,660	106%	11,311
Jackson Hall	0021	C3010-Wall Finishes	Painted Finish - Average	10	0 (Observed)	0.76	11,225	8,567	125%	10,664
Jackson Hall	0021	D5030-Communications and Security	Telephone System - Average Density	10	1 (Observed)	2.27	11,225	25,458	106%	27,073
Jordan Shop / Warehouse	0039	D5030-Communications and Security	Fire Alarm System - Average Density	10	0 (Observed)	3.46	11,225	38,869	125%	48,548
Jordan Shop / Warehouse	0039	C1010-Partitions	CMU Walls - Glazed 2 Sides	50	11 (Observed)	23.90	11,225	268,322	63%	167,673
Jordan Shop / Warehouse	0039	D20-Plumbing	Sanitary Waste System - Low End	50	11 (Observed)	1.56	11,225	17,529	113%	19,700
Jordon Maintenance Building	0106	C3010-Wall Finishes	Painted Finish - Average	10	1 (Observed)	0.76	15,000	11,448	125%	14,250
Motorpool	0134	C3010-Wall Finishes	Painted Finish - Average	10	1 (Observed)	0.76	10,809	8,249	125%	10,269
Nutrition laboratory	0046	D2020-Domestic Water Distribution	Water Heater - Gas Fired	10	0 (Observed)	0.91	2,960	2,705	125%	3,367
Nutrition laboratory	0046	D5092-Emergency Light and Power Systems	Exit Signs - Low Density	10	1 (Observed)	0.31	2,960	928	125%	1,147

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2017

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Nutrition laboratory	0046	D5030-Communications and Security	Telephone System - Light Density	10	1 (Observed)	1.51	2,960	4,476	106%	4,749
Nutrition laboratory	0046	D5030-Communications and Security	Fire Alarm System - Light Density	10	1 (Observed)	2.54	2,960	7,513	125%	9,398
Shauntee Hall	0108	D5030-Communications and Security	Telephone System - Light Density	10	0 (Observed)	1.51	18,616	28,147	106%	29,867
Shauntee Hall	0108	B2030-Exterior Doors	Door Assembly 5 - Average	30	11 (Observed)	8,900.97	4	35,604	125%	44,505
Soils and Lab Office	0145	D5030-Communications and Security	Telephone System - Light Density	10	0 (Observed)	1.51	2,562	3,874	106%	4,110
Soils and Lab Office	0145	D2020-Domestic Water Distribution	Water Heater - Electric	10	0 (Observed)	1.10	2,562	2,806	125%	3,523
White Health Center	0112	D5030-Communications and Security	Clock System for Small Building	10	0 (Observed)	2.67	10,400	27,739	125%	34,710
White Health Center	0112	D5030-Communications and Security	Fire Alarm System - Average Density	10	0 (Observed)	3.46	10,400	36,012	125%	44,980
White Health Center	0112	D5030-Communications and Security	Telephone System - Light Density	10	0 (Observed)	1.51	10,400	15,725	106%	16,686

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2017

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
White Health Center	0112	D2020-Domestic Water Distribution	Water Heater - Electric	10	0 (Observed)	1.48	10,400	15,411	125%	19,240
White Health Center	0112	C3010-Wall Finishes	Painted Finish - Average	10	0 (Observed)	0.76	45,781	34,940	125%	43,492
William Exum Center	0129	D2020-Domestic Water Distribution	Water Heater - Gas Fired	10	0 (Observed)	0.91	3,000	2,742	125%	3,413
William Exum Center	0129	D5030-Communications and Security	Telephone System - Light Density	10	1 (Observed)	1.51	124,270	187,896	106%	199,376

**Total Renewal Costs: 6,340,958**

Year: 2018

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Academic Service Building	0128	C3020-Floor Finishes	Carpeting 2 - High Quality	10	2 (Observed)	8.47	29,480	249,698	125%	312,120
Alumni House	0058	C3010-Wall Finishes	Painted Finish - Average	10	2 (Observed)	0.76	12,788	9,760	125%	12,149
Alumni House	0058	C3020-Floor Finishes	Carpeting 2 - High Quality	10	2 (Observed)	8.47	2,905	24,606	125%	30,757
Aquaculture Bldg	0131	C3010-Wall Finishes	Painted Finish - Average	10	2 (Observed)	0.76	10,524	8,032	125%	9,998
Aquaculture Bldg	0131	C3020-Floor Finishes	Carpeting 3 - Average	10	2 (Observed)	6.66	1,200	7,987	125%	9,990

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2018

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Bell Health Building	0091	D5092-Emergency Light and Power Systems	Exit Signs - Average Density	10	2 (Observed)	0.52	34,836	18,206	125%	22,643
Bell Health Building	0091	D5030-Communications and Security	Fire Alarm System - Average Density	10	2 (Observed)	3.46	34,836	120,626	125%	150,666
Bell Health Building	0091	C3020-Floor Finishes	Carpeting 3 - Average	10	2 (Observed)	6.66	9,371	62,370	125%	78,014
Blazer Library	0022	D5030-Communications and Security	Telephone System - Light Density	10	2 (Observed)	1.51	62,200	94,046	106%	99,792
Blazer Library	0022	D5030-Communications and Security	Fire Alarm System - Average Density	10	2 (Observed)	3.46	62,200	215,380	125%	269,015
Blazer Library	0022	D20-Plumbing	Rain Water Drainage - Average	50	12 (Observed)	1.38	31,100	43,012	113%	48,283
Blazer Library	0022	B2020-Exterior Windows	Aluminum Windows	30	12 (Observed)	82.24	16,489	1,356,021	125%	1,695,059
Blazer Library	0022	D5010-Electrical Service and Distribution	Switchgear - Heavy Duty	30	12 (Observed)	53,585.71	1	53,586	125%	66,982
Bradford Hall	0090	D5030-Communications and Security	Fire Alarm System - Average Density	10	2 (Observed)	3.46	63,888	221,225	125%	276,316

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2018

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Bradford Hall	0090	D5030-Communication and Security	Telephone System - Average Density	10	2 (Observed)	2.27	63,888	144,898	106%	154,090
Business Office Addition	0119	D5030-Communication and Security	LAN System - Economy	15	12 (Observed)	2.12	3,000	6,350	106%	6,758
Carver Hall Annex	0042	D5030-Communication and Security	LAN System - Economy	15	12 (Observed)	2.12	45,748	96,839	106%	103,047
Carver Hall Annex	0042	E-Equipment and Furnishings	Fixed Seating - Average	25	12 (Observed)	45.54	2,400	109,288	63%	68,310
Hill Student Center	0110	D5030-Communication and Security	Telephone System - Light Density	10	2 (Observed)	1.51	44,151	66,756	106%	70,835
Hill Student Center Addition	110A	D5030-Communication and Security	Telephone System - Light Density	10	2 (Observed)	1.51	35,256	53,307	106%	56,564
Hill Student Center Addition	110A	C3020-Floor Finishes	VCT 1-Deluxe	20	12 (Observed)	15.29	17,400	266,070	125%	332,558
Hill Student Center Addition	110A	C3030-Ceiling Finishes	ACT System	15	12 (Observed)	3.69	26,550	97,874	125%	122,462
Hill Student Center Addition #2	110B	C3030-Ceiling Finishes	ACT System - Standard	15	12 (Observed)	3.69	20,209	74,498	125%	93,214
Hill Student Center Addition #2	110B	D5030-Communication and Security	LAN System - Economy	15	12 (Observed)	2.12	22,783	48,227	106%	51,319
Hillcrest	0111	E-Equipment and Furnishings	Kitchen Cabinets - High End	25	12 (Observed)	422.88	55	23,259	125%	29,073

All Costs in USD. Renewal Costs include 0.0% inflation rate.



Year: 2018

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Jackson Hall	0021	D5030-Communications and Security	Fire Alarm System - Average Density	10	2 (Observed)	3.46	11,225	38,869	125%	48,548
Jackson Hall	0021	E-Equipment and Furnishings	Laboratory Casework - High School	30	12 (Observed)	42.54	695	29,564	125%	36,957
Jackson Hall	0021	E-Equipment and Furnishings	Laboratory Equipment - College	30	12 (Observed)	62.80	3,603	226,263	125%	282,836
Jordan Shop / Warehouse	0039	D5030-Communications and Security	LAN System - Economy	15	12 (Observed)	2.12	11,225	23,761	106%	25,284
Nutrition laboratory	0046	C3020-Floor Finishes	VCT 5 - Economy	10	2 (Observed)	2.46	2,960	7,284	125%	9,102
Nutrition laboratory	0046	D3040-Distribution Systems	Fume Hood and Exhaust	25	12 (Observed)	21.96	1,000	21,955	125%	27,450
Shauntee Hall	0108	D2020-Domestic Water Distribution	Water Heater - Electric	10	2 (Observed)	1.10	3,000	3,286	125%	4,125
Shauntee Hall	0108	B2020-Exterior Windows	Aluminum Windows	30	12 (Observed)	82.24	2,560	210,530	125%	263,168
Shauntee Hall	0108	E-Equipment and Furnishings	School Equipment - Economy	20	12 (Observed)	321.03	60	19,262	125%	24,077
Soils and Lab Office	0145	D5010-Electrical Service and Distribution	Distribution System - Light Duty	30	12 (Observed)	4.51	2,562	11,546	125%	14,443
Soils and Lab Office	0145	B2020-Exterior Windows	Aluminum Windows	30	12 (Observed)	82.24	300	24,672	125%	30,840

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2018

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Soils and Lab Office	0145	B2030-Exterior Doors	Door Assembly 5 - Average	30	12 (Observed)	10,781.06	4	43,124	125%	53,905
Soils and Lab Office	0145	C3020-Floor Finishes	VCT 2 - High Quality	20	12 (Observed)	8.64	2,562	22,132	125%	27,670
White Health Center	0112	D5030-Communication and Security	LAN System - Economy	15	12 (Observed)	2.12	10,400	22,015	106%	23,426
William Exum Center	0129	D5030-Communication and Security	Fire Alarm System - Average Density	10	2 (Observed)	3.46	124,270	430,309	125%	537,468
William Exum Center	0129	D5092-Emergency Light and Power Systems	Exit Signs - Average Density	10	2 (Observed)	0.52	124,270	64,945	125%	80,776

**Total Renewal Costs: 5,660,089**

Year: 2019

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Academic Service Building	0128	D5030-Communication and Security	LAN System - Medium	15	13 (Observed)	3.13	98,271	307,785	106%	326,812
Academic Service Building	0128	C3020-Floor Finishes	Quarry Tile - Average	25	13 (Observed)	18.16	19,650	356,756	125%	446,055
Academic Service Building	0128	C3030-Ceiling Finishes	Painted Plaster	30	13 (Observed)	6.22	10,220	63,577	63%	39,730
Academic Service Building	0128	E-Equipment and Furnishings	Kitchen Equipment - Average	25	13 (Observed)	46,975.64	4	187,903	125%	234,878

All Costs in USD. Renewal Costs include 0.0% inflation rate.



Year: 2019

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Agriculture Greenhouse	0146	D3040-Distribution Systems	Exhaust - General Building	25	13 (Observed)	1.07	8,400	9,021	113%	10,112
Atwood Agricultural Research	0018	D40-Fire Protection	Wet Sprinkler System wo/Pump - Lt Hazard	35	13 (Observed)	4.04	29,042	117,429	113%	131,996
Blazer Library	0022	B30-Roofing	BUR (Built up Roofing)	20	13 (Observed)	6.85	20,000	137,078	125%	171,250
Business Office Addition	0119	C3020-Floor Finishes	Carpeting 3 - Average	10	3 (Observed)	6.66	2,900	19,301	125%	24,143
Business Office Addition	0119	D3030-Cooling Generating Systems	Cooling - DX Less Than Ten Tons	15	13 (Observed)	5.30	6,000	31,795	125%	39,750
Carver Hall Annex	0042	C3020-Floor Finishes	Ceramic Tile - Average	25	13 (Observed)	12.09	2,000	24,185	125%	30,225
Community Education Center	0136	C3010-Wall Finishes	Painted Finish - Average	10	3 (Observed)	0.76	29,000	22,133	125%	27,550
Community Education Center	0136	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	3 (Observed)	0.61	3,640	2,232	125%	2,776
Community Education Center	0136	D5030-Communication and Security	Telephone System - Light Density	10	3 (Observed)	1.51	3,640	5,504	106%	5,840
Community Education Center	0136	D5092-Emergency Light and Power Systems	Exit Signs - Average Density	10	3 (Observed)	0.52	3,640	1,902	125%	2,366
Community Education Center	0136	C3020-Floor Finishes	Carpeting 2 - High Quality	10	3 (Observed)	8.47	3,640	30,831	125%	38,539

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2019

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Community Education Center	0136	D2020-Domestic Water Distribution	Water Heater - Electric	10	3 (Observed)	1.48	2,000	2,964	125%	3,700
Community Education Center	0136	B30-Roofing	Asphalt Shingled Roofing	20	13 (Observed)	5.13	5,000	25,632	125%	32,063
Community Education Center	0136	D5020-Lighting and Branch Wiring	Lighting Fixtures - Light Density	20	13 (Observed)	3.14	3,640	11,418	125%	14,287
Cooperative Extension Program Facility	0043	C3020-Floor Finishes	Carpeting 2 - High Quality	10	3 (Observed)	8.47	1,600	13,552	125%	16,940
Fish Hatchery	0132	D2020-Domestic Water Distribution	Water Heater - Gas Fired	10	3 (Observed)	0.91	5,385	4,921	125%	6,125
Hill Student Center	0110	D5030-Communications and Security	Fire Alarm System - Average Density	10	3 (Observed)	3.46	44,151	152,881	125%	190,953
Hill Student Center Addition	110A	D5030-Communications and Security	Fire Alarm System - Average Density	10	3 (Observed)	3.46	35,256	122,081	125%	152,482
Hill Student Center Addition	110A	D40-Fire Protection	Wet Sprinkler System w/Pump - Med Hazard	35	13 (Observed)	7.63	35,256	269,036	113%	302,629
Hillcrest	0111	D5030-Communications and Security	Security System - Light Density	10	3 (Observed)	0.91	7,050	6,428	125%	8,019

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2019

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Hillcrest	0111	D5030-Communications and Security	Fire Alarm System - Light Density	10	3 (Observed)	1.82	7,050	12,845	125%	16,039
Hume Hall	0015	D5030-Communications and Security	LAN System - Medium	15	13 (Observed)	3.13	15,344	48,057	106%	51,028
Hume Hall	0015	C3030-Ceiling Finishes	Painted Plaster	30	13 (Observed)	6.22	15,344	95,452	63%	59,650
Hume Hall	0015	D20-Plumbing	Sanitary Waste System - Low End	50	13 (Observed)	1.56	15,344	23,961	113%	26,929
Jordan Shop / Warehouse	0039	C3020-Floor Finishes	Ceramic Tile - Average	25	13 (Observed)	12.09	2,000	24,185	125%	30,225
Jordon Maintenance Building	0106	D5030-Communications and Security	Telephone System - Light Density	10	3 (Observed)	1.51	5,100	7,711	106%	8,182
Jordon Maintenance Building	0106	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	3 (Observed)	0.61	5,100	3,128	125%	3,889
Jordon Maintenance Building	0106	C3020-Floor Finishes	VCT 5 - Economy	10	3 (Observed)	2.46	3,500	8,613	125%	10,763
Jordon Maintenance Building	0106	C1030-Fittings	Restroom Accessories - Economy	20	13 (Observed)	0.85	5,100	4,336	125%	5,419
Jordon Maintenance Building	0106	D3060-Controls and Instrumentation	HVAC Controls - Electric	20	13 (Observed)	1.40	10,809	15,103	125%	18,916
Jordon Maintenance Building	0106	E-Equipment and Furnishings	Kitchen Cabinets - Average	20	13 (Observed)	174.38	18	3,139	125%	3,924

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2019

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Motorpool	0134	D5030-Communications and Security	Telephone System - Light Density	10	3 (Observed)	1.51	10,809	16,343	106%	17,342
Motorpool	0134	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	3 (Observed)	0.61	10,809	6,629	125%	8,242
Motorpool	0134	C3020-Floor Finishes	VCT 5 - Economy	10	3 (Observed)	2.46	3,500	8,613	125%	10,763
Motorpool	0134	C1030-Fittings	Restroom Accessories - Economy	20	13 (Observed)	0.85	10,809	9,189	125%	11,485
Motorpool	0134	D3060-Controls and Instrumentation	HVAC Controls - Electric	20	13 (Observed)	1.40	10,809	15,103	125%	18,916
Motorpool	0134	E-Equipment and Furnishings	Kitchen Cabinets - Average	20	13 (Observed)	174.38	18	3,139	125%	3,924
Nutrition laboratory	0046	C3030-Ceiling Finishes	ACT System - Economy	10	3 (Observed)	2.23	2,960	6,607	125%	8,251
Soils and Lab Office	0145	C3010-Wall Finishes	Painted Finish - Average	10	3 (Observed)	0.76	11,278	8,607	125%	10,714
William Exum Center	0129	D3040-Distribution Systems	Air Constant Volume System	25	13 (Observed)	9.91	124,270	1,231,374	113%	1,385,455
William Exum Center	0129	D3040-Distribution Systems	Exhaust - General Building	25	13 (Observed)	1.07	124,270	133,450	113%	149,590

All Costs in USD. Renewal Costs include 0.0% inflation rate.



Year: 2019

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
William Exum Center	0129	D3040-Distribution Systems	Heat Exchanger - Plate and Frame	25	13 (Observed)	1.51	124,270	187,681	125%	234,560

Total Renewal Costs: 4,353,426

Year: 2020

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Atwood Agricultural Research	0018	D3040-Distribution Systems	Air Constant Volume System	25	14 (Observed)	9.91	29,042	287,773	113%	323,782
Bradford Hall	0090	C3010-Wall Finishes	Raised Wood Paneling - High End	30	14 (Observed)	33.51	3,000	100,526	81%	81,681
Business Office Addition	0119	C3010-Wall Finishes	Painted Finish - Average	10	4 (Observed)	0.76	6,000	4,579	125%	5,700
Chilled Water Plant	0126	D5092-Emergency Light and Power Systems	Exit Signs - Low Density	10	4 (Observed)	0.31	14,290	4,481	125%	5,537
Chilled Water Plant	0126	D5020-Lighting and Branch Wiring	Lighting Fixtures - Average Density	20	14 (Observed)	3.84	14,290	54,907	125%	68,592
Community Education Center	0136	D5030-Communications and Security	Fire Alarm System - Average Density	10	4 (Observed)	3.46	3,640	12,604	125%	15,743

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2020

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Cooperative Extension Program Facility	0043	C3010-Wall Finishes	Painted Finish - Average	10	4 (Observed)	0.76	104,961	80,106	125%	99,713
Hillcrest	0111	C3020-Floor Finishes	Ceramic Tile - Average	25	14 (Observed)	12.09	200	2,418	125%	3,023
Hume Hall	0015	D5030-Communications and Security	Fire Alarm System - Average Density	10	4 (Observed)	3.46	15,344	53,132	125%	66,363
Shauntee Hall	0108	C3010-Wall Finishes	Painted Finish - Average	10	4 (Observed)	0.76	62,810	47,937	125%	59,670
Shauntee Hall	0108	D3020-Heat Generating Systems	Boiler HW - Gas Fired - Economy	50	14 (Observed)	4.83	18,616	89,971	125%	112,394
Soils and Lab Office	0145	D3030-Cooling Generating Systems	Cooling - DX Less Than Ten Tons	15	14 (Observed)	5,299.20	2	10,598	125%	13,248

**Total Renewal Costs: 855,446**

Year: 2021

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Academic Service Building	0128	C1030-Fittings	Restroom Accessories - Average	25	15 (Observed)	0.99	98,271	97,581	125%	121,610
Agriculture Greenhouse	0146	D5010-Electrical Service and Distribution	Distribution System - Light Duty	30	15 (Observed)	2.02	8,400	16,963	125%	21,210

All Costs in USD. Renewal Costs include 0.0% inflation rate.

Year: 2021

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Bell Health Building	0091	B2010-Exterior Walls	Metal Paneled Wall - High Quality	60	15 (Observed)	26.64	30,000	799,200	31%	249,750
Blazer Library	0022	D2020-Domestic Water Distribution	Water Heater - Electric	10	5 (Observed)	1.48	2,000	2,964	125%	3,700
Chilled Water Plant	0126	C1020-Interior Doors	Swinging Doors - Average	50	15 (Observed)	2,195.91	8	17,567	81%	14,273
Cooperative Extension Program Facility	0043	C3020-Floor Finishes	VCT 5 - Economy	10	5 (Observed)	2.46	18,000	44,297	125%	55,350
Cooperative Extension Program Facility	0043	D5030-Communications and Security	Telephone System - Average Density	10	5 (Observed)	2.27	23,844	54,078	106%	57,509
Hill Student Center	0110	C3010-Wall Finishes	Painted Finish - Average	10	5 (Observed)	0.76	194,353	148,330	125%	184,635
Hill Student Center	0110	C1010-Partitions	GWB Walls - Standard	50	15 (Observed)	3.67	50,200	184,334	63%	115,146
Hill Student Center	0110	C1020-Interior Doors	Swinging Doors - Average	50	15 (Observed)	2,195.91	44	96,620	81%	78,504
Hill Student Center Addition	110A	B2020-Exterior Windows	Aluminum Windows	30	15 (Observed)	82.24	3,400	279,611	125%	349,520
Hillcrest	0111	C3010-Wall Finishes	Painted Finish - Average	10	5 (Observed)	0.76	25,000	19,080	125%	23,750
Hillcrest	0111	C1010-Partitions	GWB Walls - Standard	50	15 (Observed)	3.67	35,000	128,520	63%	80,281

All Costs in USD. Renewal Costs include 0.0% inflation rate.



Year: 2021

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Hillcrest	0111	B30-Roofing	Asphalt Shingled Roofing	20	15 (Observed)	5.13	3,525	18,071	125%	22,604
Hillcrest	0111	C3020-Floor Finishes	VCT 3 - Quality	20	15 (Observed)	7.27	350	2,545	125%	3,181
Hume Hall	0015	C3010-Wall Finishes	Painted Finish - Average	10	5 (Observed)	0.76	55,000	41,976	125%	52,250
Hume Hall	0015	C3020-Floor Finishes	Carpeting 2 - High Quality	10	5 (Observed)	8.47	15,344	129,965	125%	162,455
Hume Hall	0015	C1030-Fittings	Restroom Accessories - Average	25	15 (Observed)	0.99	15,344	15,236	125%	18,988
Hume Hall	0015	D40-Fire Protection	Wet Sprinkler System w/Pump - Lt Hazard	35	15 (Observed)	10.39	15,344	159,492	113%	179,352
Hume Hall	0015	D3040-Distribution Systems	Air Constant Volume System	25	15 (Observed)	9.91	15,344	152,042	113%	171,066
Hume Hall	0015	B2020-Exterior Windows	Wood Windows	30	15 (Observed)	57.17	15,344	877,186	125%	1,096,521
Hume Hall	0015	E-Equipment and Furnishings	Kitchen Cabinets - High End	25	15 (Observed)	422.88	35	14,801	125%	18,501
Jackson Hall	0021	D2020-Domestic Water Distribution	Water Heater - Electric	10	5 (Observed)	1.48	2,000	2,964	125%	3,700

All Costs in USD. Renewal Costs include 0.0% inflation rate.



Year: 2021

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Jackson Hall	0021	D40-Fire Protection	Wet Sprinkler System wo/Pump - Lt Hazard	35	15 (Observed)	4.04	11,225	45,387	113%	51,018
MPU Docking Station	0149	C3010-Wall Finishes	Paint Masonry - Economy	15	15 (Observed)	2.02	3,000	6,048	125%	7,575
Shauntee Hall	0108	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	5 (Observed)	0.61	18,616	11,417	125%	14,195
Shauntee Hall	0108	D5020-Lighting and Branch Wiring	Lighting Fixtures - 2001 Light Density	20	15 (Observed)	3.14	12,500	39,210	125%	49,063
Soils and Lab Office	0145	D5092-Emergency Light and Power Systems	Emergency Battery Pack Lights	10	5 (Observed)	0.61	2,562	1,571	125%	1,954
Soils and Lab Office	0145	D5020-Lighting and Branch Wiring	Lighting Fixtures - Light Density	20	15 (Observed)	3.14	1,500	4,705	125%	5,888
Utility Services - Steam	Services	G3040-Heating Distribution	Steam Lines - High Pressure	35	15 (Observed)	616.00	12,000	7,392,012	100%	7,392,000
White Health Center	0112	D20-Plumbing	Rain Water Drainage - Average	50	15 (Observed)	1.38	10,400	14,384	113%	16,146
White Health Center	0112	D20-Plumbing	Sanitary Waste System - High End	50	15 (Observed)	1,677.33	1	1,677	113%	1,887
William Exum Center	0129	C3010-Wall Finishes	Painted Finish - Average	10	5 (Observed)	0.76	419,287	320,000	125%	398,323
William Exum Center	0129	C3030-Ceiling Finishes	GWB Taped and Finished	30	15 (Observed)	3.64	3,550	12,933	63%	8,076

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**Total Renewal Costs: 11,029,981**

Year: 2022

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Academic Service Building	0128	D5030-Communication and Security	Public Address System - Average	15	0 (Observed)	1.50	3,500	5,254	125%	6,563
Academic Service Building	0128	D5030-Communication and Security	Access Control System	15	0 (Observed)	17,701.20	1	17,701	100%	17,701
Academic Service Building	0128	C3020-Floor Finishes	Vinyl Sheet Goods	15	0 (Observed)	8.64	49,100	424,153	125%	530,280
Alumni House	0058	D3030-Cooling Generating Systems	Cooling - DX Less Than Ten Tons	15	0 (Observed)	5.30	2,905	15,394	125%	19,246
Atwood Agricultural Research	0018	D3030-Cooling Generating Systems	Cooling - DX Less Than Ten Tons	15	0 (Observed)	5.30	29,042	153,899	125%	192,403
Blazer Library	0022	C3030-Ceiling Finishes	ACT System - Standard	15	0 (Observed)	3.69	62,200	229,294	125%	286,898
Boiler Plant Addition	0120	C3010-Wall Finishes	Paint Masonry/Epoxy Finish - Economy	15	0 (Observed)	2.02	3,150	6,350	125%	7,954
Bradford Hall	0090	D2020-Domestic Water Distribution	Water Heater - Steam	15	0 (Observed)	1.66	63,888	106,320	125%	132,568
Bradford Hall	0090	C1030-Fittings	Restroom Accessories - Average	25	16 (Observed)	0.99	63,888	63,439	125%	79,061
Bradford Hall	0090	B30-Roofing	BUR (Built up Roofing)	20	16 (Observed)	6.85	10,560	72,377	125%	90,420

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Year: 2022

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Chilled Water Plant	0126	C3010-Wall Finishes	Paint Masonry/Epoxy Finish - Economy	15	0 (Observed)	2.02	17,862	36,010	125%	45,102
Cooperative Extension Program Facility	0043	D5010-Electrical Service and Distribution	Distribution System - Light Duty	30	16 (Observed)	4.51	23,844	107,460	125%	134,421
Cooperative Extension Program Facility	0043	D40-Fire Protection	Fire Extinguishers	30	16 (Observed)	0.03	23,844	734	125%	894
Cooperative Extension Program Facility	0043	D5010-Electrical Service and Distribution	Feeder for Moderate Service	30	16 (Observed)	4.94	23,844	117,792	125%	147,237
Cooperative Extension Program Facility	0043	D2010-Plumbing Fixtures	Restroom Fixtures 4 - High Density - Medium Quality	30	16 (Observed)	3.59	23,844	85,699	125%	107,000
Cooperative Extension Program Facility	0043	D5010-Electrical Service and Distribution	Switchgear - Light Duty	30	16 (Observed)	2.05	23,844	48,981	125%	61,100
Cooperative Extension Program Facility	0043	C3030-Ceiling Finishes	GWB Taped and Finished	30	16 (Observed)	3.64	3,000	10,930	63%	6,825
Cooperative Extension Program Facility	0043	B2020-Exterior Windows	Aluminum Windows	30	16 (Observed)	82.24	2,074	170,562	125%	213,207
Cooperative Extension Program Facility	0043	B2030-Exterior Doors	Door Assembly 3 - High Size and Cost	30	16 (Observed)	18,275.20	6	109,651	125%	137,064
Hume Hall	0015	C3010-Wall Finishes	Wall Covering	10	6 (Observed)	3.06	110,000	336,871	125%	420,750

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Year: 2022

Asset Name	Asset Number	System	System Name	Lifetime (Years)	Years Remaining	Unit Cost	Quantity	Replacement Cost	Percent Renew	Renewal Cost
Jordon Maintenance Building	0106	C3030-Ceiling Finishes	ACT System - Economy	10	6 (Observed)	2.23	3,500	7,812	125%	9,756
Motorpool	0134	C3030-Ceiling Finishes	ACT System - Economy	10	6 (Observed)	2.23	3,500	7,812	125%	9,756
Shauntee Hall	0108	D3040-Distribution Systems	Exhaust System - High Velocity	15	0 (Observed)	9.34	18,616	173,909	113%	195,608
Shauntee Hall	0108	D3030-Cooling Generating Systems	Cooling - DX Less Than Ten Tons	15	0 (Observed)	5.30	18,616	98,650	125%	123,331
Soils and Lab Office	0145	D3040-Distribution Systems	Exhaust System - High Velocity	15	0 (Observed)	9.34	2,562	23,934	113%	26,920
Utility Services - Telecommunications	Services	G4030-Site Communications and Security	Telecommunication - Fiber	15	0 (Observed)	122.84	5,000	614,200	100%	614,200
White Health Center	0112	D5030-Communication and Security	Nurse Call System - Light Duty	15	0 (Observed)	3.99	10,400	41,501	125%	51,870

**Total Renewal Costs: 3,668,135**

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