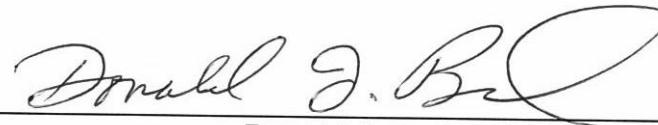


Saginaw Valley State University

University Center, Michigan

Five-Year Capital Outlay Plan

2017



Donald J. Bachand
President

December 17, 2015

I. Mission & Vision Statements

MISSION

The University creates opportunities for individuals to achieve intellectual and personal development through academic, professional and cultural programs. By fostering an environment of inquiry and openness that respects the diversity of all whom it serves, the University prepares graduates whose leadership and expertise contribute to the advancement of a pluralistic society. The University serves as a cultural and intellectual center dedicated to the pursuit and propagation of knowledge.

VISION

The University will provide academic, professional and cultural programs at the highest level of quality and service; it will achieve national recognition for its programs of distinction. The University's graduates shall distinguish themselves and their University through meritorious service, accomplishments and leadership in the economic, cultural and civic affairs of a diverse and global society. Through exemplary teaching, research and engagement with the greater community, the University will also be the premier cultural and intellectual resource for the region's schools, governments, businesses and people.

II. Instructional Programming

UNDERGRADUATE DEGREES	GRADUATE DEGREES
<p>Bachelor of Applied Studies Bachelor of Arts Bachelor of Business Administration Bachelor of Fine Arts Bachelor of Professional Accountancy Bachelor of Science Bachelor of Science in Electrical Engineering Bachelor of Science in Mechanical Engineering Bachelor of Science in Nursing Bachelor of Social Work</p>	<p>Doctor of Nursing Practice Education Specialist Master of Arts <ul style="list-style-type: none"> • Administrative Science • Communication and Digital Media • Instructional Technology and E-Learning • Teaching Chinese as a Foreign Language Master of Arts in Teaching <ul style="list-style-type: none"> • Early Childhood Classroom Teaching • K-12 Literacy Specialist • Special Education Master of Business Administration Master of Education - Principalship Master of Science in Nursing Master of Science in Occupational Therapy Master of Science <ul style="list-style-type: none"> • Energy and Materials • Health Administration & Leadership Teacher Certification <ul style="list-style-type: none"> • Teacher Certification Programs Certificate <ul style="list-style-type: none"> • Post-Graduate Family Nurse Practitioner Certificate Other Programs <ul style="list-style-type: none"> • Administrative Science–Certificate in Student Affairs Administration • Certificate Program in Online Training & Design • Post-Graduate Nursing Administration Certificate • Post-Graduate Nursing Education Certificate • Urban Teaching Specialization </p>

III. Staffing and Enrollment

Fall Semester 2015

<u>College</u>	<u>Full-Time</u>	<u>Part-Time</u>	<u>Total</u>
College of Arts & Behavioral Sciences	1,390	312	1,702
College of Business & Management	1,180	240	1,420
College of Education	727	521	1,248
College of Science, Engineering & Technology	1,453	296	1,749
Crystal M. Lange College of Health & Human Services	2,517	574	3,091
Others			
Non-Degree	197	135	332
Undeclared	205	19	224
Totals	<u>7,669</u>	<u>2,097</u>	<u>9,766</u>

*students re-assigned to match first major report

The University anticipated a leveling of student enrollment and established a campus infrastructure based upon an average of approximately 10,000 students. Based on a headcount enrollment for the fall semester of 2015 of 9,766, continued decline in the graduate education students, it is anticipated that our enrollment will range between 9,750 to 10,000 or more each year.

Fall semester 2015	9,766
Fall semester 2016	9,800
Fall semester 2017	9,850
Fall semester 2018	9,900
Fall semester 2019	9,950

The University achieved significant enrollment growth over the past 10 years. During the last five years, SVSU has demonstrated a stabilization of the total student population maintaining the count within the 9,700 – 10,800 headcount range.

Fall semester 2011	10,790
Fall semester 2012	10,552
Fall semester 2013	10,245
Fall semester 2014	9,829
Fall semester 2015	9,766

Over the past ten years, the University had experienced one of its most prolific periods of expansion with the addition of new faculty and staff positions, students and the construction of new buildings on campus. These increases continue to place demands on University resources in terms of facilities and aging infrastructure thus requiring diligent attention and planning.

Off-Campus Sites

Official Fall 2015 enrollment was 9,766. Of that total, 136 students access all or part of their enrollment through the Macomb Regional Education Center. Over the past few years, SVSU has eliminated the Oakland Regional Education Center and St. Clair Community College off-site locations. Both sites offered education programming at the undergraduate and graduate levels. Given the decline in demand for Michigan teachers and the graduate level educator for current educators, these sites had experience enrollment decline or very limited growth. In addition, SVSU has continued to offer on-line opportunities to provide the education at a distance without the building infrastructural costs.

Fall Semester 2015

Faculty/Staff Student Credit Hour Ratio

	<u>FTE</u>	<u>Credit Hours (CH)</u>	<u>Ratio: CH/FTE</u>
College of Arts & Behavioral Sciences			
Faculty	186.4	49,825	267
Administrative/Secretarial	12.8		3,893
College of Business & Management			
Faculty	34	12,755	375
Administrative/Secretarial	8.5		1,501
College of Education			
Faculty	27	4,430	164
Administrative/Secretarial	4		1,108
College of Science, Engineering & Technology			
Faculty	119	29,581	249
Administrative/Secretarial	14.8		1,999
Crystal M. Lange College of Health & Human Services			
Faculty	80	20,064	251
Administrative/Secretarial	14.25		1,408

Average Class Size

<u>Semester</u>	<u>No. of Students per Class</u>
Fall 2015	23.88

The University intends to maintain the above ratio into future years.

IV. Facility Assessment

See Attached
*Facilities Assessment & Deferred Maintenance
Capital Planning Report*

V. Implementation Plan

SAGINAW VALLEY STATE UNIVERSITY FY2017 CAPITAL OUTLAY PROJECT REQUEST COLLEGE OF BUSINESS & MANAGEMENT EXPANSION

Priority Rank #1

Does Authorization for this Project exist in any Public Act?	Yes	No	X
Is the Project for Instructional Purposes?	Yes	X	No
Is the Project a Renovation or New Construction?	New Construction		
Are a Professional Program Statement and/or Schematics available?	Yes	X	No
Are required Match Resources currently available?	Yes	X	No

A. Project Description Narrative

Saginaw Valley State University (SVSU) is seeking \$9.8 million in state support to assist with a 40,000 sq. ft. addition to the Business & Professional Development Center to provide various academic, experiential and active learning lab enhancements to the College of Business & Management facilities.

The competitive business world today demands graduates have experience with collaborative and entrepreneurial work environments and inter-disciplinary problem solving that enhances their skills and knowledge preparing them for local, regional, national and global employers of tomorrow.

Currently, the College of Business & Management (CBM) lacks the state-of-the-art laboratories to support integrative learning and team project environments that reflect real-world experiences. The addition of various entrepreneurship, Bloomberg trading and consumer behavior labs will facilitate students' and regional business leaders' opportunities for advanced learning.

In addition, SVSU's mission and vision as a Regional State University is reflected in the statement, "Through exemplary teaching, research, and engagement with the greater community, the University will also be the premier cultural and intellectual resource for

the region's schools, governments, businesses, and people." This project will enhance interaction with the local and regional business community through dedicated and enhanced *academic center* environments for The Dow Entrepreneurship Institute, The Stevens Center for Family Business, and The Business Resource and Development Center.

B. Other Alternatives Considered

In the initial planning phase, multiple options were considered including construction of a distinct stand-alone College of Business & Management facility. After careful analysis, it was determined that an expansion to the Business & Professional Development Center that incorporated all the goals of the project would be most cost-effective. By utilizing the site location, The College of Business & Management would continue to be centrally-located within the campus, maintain ample, existing parking and easily-accessible to the business community. Also, adding on to an existing facility provides opportunity for the utilization of current infrastructure.

C. Programmatic Benefit to State Taxpayers and Specific Clientele or Constituencies

As a Regional State University, the College of Business & Management (CBM) at Saginaw Valley State University (SVSU) has a strong focus and commitment to job creation, talent enhancement and economic growth within the Great Lakes Bay Region (Saginaw, Bay and Midland). The expansion of the CBM facilities at SVSU will assist with Michigan's initiatives in numerous ways. The establishment of state-of-the-art facilities and student-centered laboratory spaces for the CBM will enable SVSU to further attract high quality students to Michigan and the region. Students who utilize these new environments will advance their learning experience and positively impact Michigan's talent enhancement goals for many decades to come. Within the past five years, CBM has graduated over 1,500 students, 84% of which continue to reside in Michigan and 55% live and work in the Great Lakes Bay Region.

D. Match Resources

SVSU commits resources equivalent to 44% (\$7.7 million) of the project's \$17.5 million cost.

Capital Outlay Project Request
FY2017
College of Business & Management Expansion
Project Budget

Design, Testing, Inspection and Miscellaneous	\$1,600,000
Site Work, Utilities and Landscaping	1,100,000
New Construction	12,150,000
Renovation	0
New Equipment and Technology	900,000
Furniture	450,000
Contingency	<u>1,300,000</u>
Total	<u>\$17,500,000</u>

**Line Item Construction Program Summary
Saginaw Valley State University**

<u>Rank</u>	<u>Project Description</u>	<u>Gross Square Feet</u>	<u>Total Project Cost</u>	<u>State Funds</u>	<u>State Funds Expended to Date</u>	<u>Estimated Construction Start</u>	<u>Estimated Construction Complete</u>	<u>Status</u>
1	College of Business & Management Expansion	40,000	\$17,500,000	\$9,800,000	--	April 2016	August 2018	A

Codes for Status Column:

- A = Not Yet Authorized
- B = Planning - Program Statement
- C = Schematic/Preliminary Plans
- D = Final Design
- E = Under Construction

**Saginaw Valley State University
Capital Outlay Plan**

	Project Period	Project Cost Estimate	Funding Sources			
			General Fund	State of Michigan	Self Supporting	Other
<u>Academic and Other Facilities</u>						
College of Business & Management Expansion	2016-2018	\$17,500,000		\$ 9,800,000		\$ 7,700,000 *
Zahnow Library Renovations	2016-2017	9,000,000				9,000,000
Brown Hall & Science West Renovations	2017-2020	20,000,000		15,000,000		5,000,000 **
<u>Major Expansion, Maintenance & Renovation</u>						
WiFi Upgrade	2015-2017	2,700,000				2,700,000
Energy Conservation Measures	2016-2020	3,000,000				3,000,000
Campus Infrastructure Improvements	2016-2020	7,500,000				7,500,000
Deferred Maintenance Projects	2016-2020	12,500,000			5,000,000	7,500,000
		\$72,200,000	\$ -	\$24,800,000	\$ 5,000,000	\$42,400,000

* University match at 44%
 ** University match at 25%



Facilities Assessment &
Deferred Maintenance Capital Planning Report
Updated - October 23, 2015

Deferred Maintenance
Index

Page	Category	Total Replacement Cost
2.	Roofs	\$9,790,372
3.	Structure / Glazing / Cladding	\$118,078,444
4.	Ceilings / Doors / Frames	\$35,365,514
5.	Carpet	\$8,706,274
6.	Furniture	\$22,335,478
7.	Plumbing / Electrical	\$86,679,923
8.	Lighting / Voice / Data / Clock / Alarm	\$55,711,871
9.	HVAC	\$83,704,759
10.	Furnaces / Condensing Units	\$4,011,753
11.	Water Heaters	\$262,715
12.	Appliances	\$2,439,735
13.	Boilers	\$11,673,153
14.	Chillers / Cooling Towers	\$4,476,630
15.	Utilities	\$17,206,495
16.	8320 Volt System	\$21,291,933
17. - 21.	Food Service Equipment	\$1,011,186
22.	AV Equipment	\$1,970,621
23.	I.T. Equipment	\$10,744,189
24.	Parking Lots	\$6,410,295
25.	Roads	\$1,452,526
26.	Sidewalks	\$5,558,693
27.	Exterior Facilities / Furnishings	\$7,381,106
28.	Site Data / Telecommunications	\$1,157,724
29.	Site Lighting	\$4,319,988
Totals:		\$521,741,377

Building	Roofs					
	Install Date	Replacement Date	Square Feet	Cost per Square Foot	Total Replacement Cost	Annual Cost
South Campus Complex - Bldg. B ('66)	2000	2015	19,300	\$6.26	\$120,724	\$8,048
Arbury Fine Arts Center	2006	2021	64,900	\$6.26	\$405,956	\$27,064
South Campus Complex - Bldg. A	1993	2043	27,300	\$16.36	\$446,675	\$8,934
Bell Tower	--	--	--	--	--	--
Brown Hall	1999	2019	27,000	\$6.26	\$168,888	\$8,444
Campus Recreation Center/Fitness Center	2010	2030	35,000	\$6.26	\$218,989	\$10,949
Cardinal Gym	1997	2017	22,500	\$6.26	\$140,740	\$7,037
Children's Center	2008	2023	2,900	\$5.47	\$15,872	\$1,058
Concession Building	2006	2026	3,312	\$6.25	\$20,705	\$1,035
Doan Center	1994	2014	46,300	\$6.25	\$289,441	\$14,472
Founders Hall	1995	2025	8,400	\$5.47	\$45,975	\$1,533
Great Lakes A - E	2006	2026	19,000	\$6.25	\$118,777	\$5,939
Grounds Building	2002	2052	6,500	\$16.36	\$106,351	\$2,127
Health & Human Services	2010	2030	71,433	\$6.26	\$446,945	\$22,347
Living Center North	1999	2019	44,000	\$5.47	\$240,822	\$12,041
Living Center South	2004	2024	44,000	\$5.47	\$240,822	\$12,041
Living Center Southwest	2009	2029	35,000	\$5.47	\$191,577	\$9,579
Macomb Reg. Ed. Center	2002	2032	15,000	\$6.26	\$93,827	\$3,128
Observatory	--	--	--	--	--	--
Pine Grove Central	2002	2022	27,000	\$5.47	\$147,777	\$7,389
Pine Grove East	1996	2016	21,200	\$5.47	\$116,032	\$5,802
Pine Grove West	2008	2028	38,000	\$5.47	\$207,924	\$10,396
Pioneer Hall	2007	2027	46,500	\$6.26	\$290,863	\$14,543
President's Residence	1989	2009	4,000	\$5.47	\$21,893	\$1,095
Regional Education Center	2003	2023	69,700	\$6.26	\$435,981	\$21,799
Ryder Center	2013	2033	152,800	\$6.26	\$955,780	\$47,789
Ryder Center - Fieldhouse	2014	2064	144,000	\$6.26	\$901,375	\$18,028
Science Building - East	2001	2016	46,000	\$6.26	\$287,735	\$19,182
Science Building - West	1999	2019	32,400	\$6.26	\$202,665	\$10,133
South Campus Complex - Bldg. C ('68)	2000	2015	20,400	\$6.26	\$127,604	\$8,507
Softball Pressbox	2007	2027	240	\$6.26	\$1,503	\$75
Student Center	2003	2023	34,000	\$6.26	\$212,674	\$10,634
Studio	2006	2026	9,900	\$6.26	\$61,926	\$3,096
Tranquil Hall F & G	1995	2015	7,100	\$6.26	\$44,411	\$2,221
University HealthCare	2009	2029	15,520	\$6.26	\$97,194	\$4,860
University Village I	2000	2020	51,100	\$5.47	\$279,681	\$13,984
University Village II	2001	2021	71,200	\$5.47	\$389,693	\$19,485
University Village III	2005	2025	47,312	\$5.47	\$258,949	\$12,947
University Village IV	2007	2027	41,500	\$5.47	\$227,139	\$11,357
West Complex	2013	2033	124,200	\$6.26	\$776,884	\$38,844
Wickes Hall	2015	2035	40,200	\$6.26	\$251,455	\$12,573
Wickes Memorial Stadium	1991/2014	2011/2034	1,600	\$6.26	\$10,008	\$500
Zahnow Amphitheatre	--	--	--	--	--	--
Zahnow Library	2003	2023	27,200	\$6.26	\$170,139	\$8,507
Totals:	Lifespan: 15, 20, 30 or 50 yrs		1,564,917		\$9,790,372	\$459,521

Structure / Glazing / Cladding / Walls

Building	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
South Campus Complex - Bldg. B ('66)	1970	2045	\$801,878	\$10,692
Arbury Fine Arts Center	1990	2065	\$5,659,768	\$75,464
South Campus Complex - Bldg. A	1986	2061	\$1,276,641	\$17,022
Bell Tower	1998	2073	\$60,049	\$801
Brown Hall	1986	2061	\$3,445,271	\$45,937
Campus Recreation Center/Fitness Center	2007	2082	\$2,522,225	\$33,630
Cardinal Gym	1971	2046	\$1,944,552	\$25,927
Children's Center	1980	2055	\$87,339	\$1,165
Concession Building	2006	2081	\$265,116	\$3,535
Doan Center	1983	2058	\$2,636,737	\$35,156
Founders Hall	1995	2070	\$320,921	\$4,279
Great Lakes A - E	1974	2049	\$2,652,335	\$35,364
Grounds Building	2002	2077	\$234,567	\$3,128
Health & Human Services	2010	2085	\$5,938,697	\$79,183
Living Center North	1999	2074	\$4,924,229	\$65,656
Living Center South	2004	2079	\$4,924,229	\$65,656
Living Center Southwest	2009	2084	\$3,701,670	\$49,356
Macomb Reg. Ed. Center	2003	2078	\$927,711	\$12,369
Observatory	1973	2048	\$27,679	\$369
Pine Grove Central	1989	2064	\$1,187,052	\$15,827
Pine Grove East	1997	2072	\$585,578	\$7,808
Pine Grove West	2008	2083	\$1,832,144	\$24,429
Pioneer Hall	2007	2082	\$3,782,407	\$50,432
President's Residence	1975	2050	\$226,436	\$3,019
Regional Education Center	2003	2078	\$7,465,862	\$99,545
Ryder Center	1989	2064	\$11,346,573	\$151,288
Ryder Center - Fieldhouse	2014	2089	\$3,657,500	\$48,767
Science Building - East	2001	2076	\$5,004,086	\$66,721
Science Building - West	1990	2065	\$3,127,554	\$41,701
South Campus Complex - Bldg. C ('68)	1968	2043	\$859,946	\$11,466
Softball Pressbox	2007	2082	\$44,628	\$595
Student Center	2003	2078	\$2,253,012	\$30,040
Studio	2006	2081	\$617,379	\$8,232
Tranquil Hall F & G	1974	2049	\$1,569,882	\$20,932
University HealthCare	2009	2084	\$879,905	\$11,732
University Village I	2000	2075	\$2,144,773	\$28,597
University Village II	2001	2076	\$2,859,698	\$38,129
University Village III	2005	2080	\$1,906,465	\$25,420
University Village IV	2007	2082	\$1,668,157	\$22,242
West Complex	1996	2071	\$11,388,475	\$151,846
Wickes Hall	1972	2047	\$4,691,789	\$62,557
Wickes Memorial Stadium	1991	2066	\$256,597	\$3,421
Zahnow Amphitheatre	--	--	--	--
Zahnow Library	1995	2070	\$6,370,934	\$84,946
Totals:	Lifespan: 75 years		\$118,078,444	\$1,574,379

Ceilings / Doors / Floors

Building	Install Date	Replacement Date	Total Replacement Cost	Annual Cost
South Campus Complex - Bldg. B ('66)	1979	2009	\$188,676	\$6,289
Arbury Fine Arts Center	1999	2029	\$1,584,240	\$52,808
South Campus Complex - Bldg. A	1987	2017	\$337,935	\$11,265
Bell Tower	--	--	--	
Brown Hall	1987	2017	\$765,617	\$25,521
Campus Recreation Center/Fitness Center	2007	2037	\$719,025	\$23,968
Cardinal Gym	2005	2035	\$603,482	\$20,116
Children's Center	1980	2010	\$25,879	\$863
Concession Building	2006	2036	\$60,043	\$2,001
Doan Center	2005	2035	\$781,255	\$26,042
Founders Hall	1995	2025	\$118,860	\$3,962
Great Lakes A - E	2008	2038	\$785,876	\$26,196
Grounds Building	2002	2032	\$62,551	\$2,085
Health & Human Services	2010	2040	\$1,649,638	\$54,988
Living Center North	1999	2029	\$1,459,029	\$48,634
Living Center South	2004	2034	\$1,459,029	\$48,634
Living Center Southwest	2009	2039	\$1,207,594	\$40,253
Macomb Reg. Ed. Center	2003	2033	\$274,877	\$9,163
Observatory	1973	2003	\$1,407	\$47
Pine Grove Central	1988	2018	\$351,720	\$11,724
Pine Grove East	1997	2027	\$173,506	\$5,784
Pine Grove West	2008	2038	\$588,019	\$19,601
Pioneer Hall	2007	2037	\$1,051,186	\$35,040
President's Residence	1975	2005	\$67,092	\$2,236
Regional Education Center	2003	2033	\$2,212,107	\$73,737
Ryder Center	1992	2022	\$4,303,872	\$143,462
Ryder Center - Fieldhouse	2014	2044	\$418,000	\$13,933
Science Building - East	2001	2031	\$2,251,839	\$75,061
Science Building - West	1997	2027	\$1,000,817	\$33,361
South Campus Complex - Bldg. C ('68)	1984	2014	\$202,340	\$6,745
Softball Pressbox	2007	2037	\$2,805	\$94
Student Center	2003	2033	\$667,559	\$22,252
Studio	2006	2036	\$176,394	\$5,880
Tranquil Hall F & G	2008	2038	\$392,470	\$13,082
University HealthCare	2009	2039	\$242,732	\$8,091
University Village I	2000	2030	\$635,489	\$21,183
University Village II	2001	2031	\$847,319	\$28,244
University Village III	2005	2035	\$564,879	\$18,829
University Village IV	2007	2037	\$494,269	\$16,476
West Complex	1996	2026	\$3,528,288	\$117,610
Wickes Hall	2012	2042	\$1,390,160	\$46,339
Wickes Memorial Stadium	1991	2021	\$23,869	\$796
Zahnow Amphitheatre	--	--	--	
Zahnow Library	1998	2028	\$1,693,767	\$56,459
Totals:		Lifespan: 30 years	\$35,365,514	\$1,178,850

Carpet

Building	Install Date	Replacement Date	Square Feet	Cost per Square Foot	Total Replacement Cost	Annual Cost
South Campus Complex - Bldg. B ('66)	2013	2026	3,500	\$7.04	\$24,629	\$1,895
Arbury Fine Arts Center	2008	2021	15,800	\$7.04	\$111,185	\$8,553
South Campus Complex - Bldg. A	2013	2026	23,100	\$7.04	\$162,555	\$12,504
Bell Tower	--	--	--	--	--	--
Brown Hall	2000	2012	33,700	\$7.04	\$237,147	\$19,762
Campus Recreation Center/Fitness Center	2010	2023	5,000	\$7.03	\$35,166	\$2,705
Cardinal Gym	--	--	--	--	--	--
Children's Center	--	--	1,680	--	--	--
Concession Building	--	--	--	--	--	--
Doan Center	2005	2018	17,350	\$7.04	\$122,092	\$9,392
Founders Hall	1996	2009	2,800	\$7.04	\$19,704	\$1,516
Great Lakes A - E	2008	2021	34,750	\$7.04	\$244,536	\$18,810
Grounds Building	--	--	--	--	--	--
Health & Human Services	2010	2023	55,000	\$7.03	\$386,899	\$29,761
Living Center North	2006	2019	76,340	\$7.04	\$537,204	\$41,323
Living Center South	2004	2017	76,340	\$7.04	\$537,204	\$41,323
Living Center Southwest	2009	2022	64,000	\$7.04	\$450,511	\$34,655
Macomb Reg. Ed. Center	2002	2015	10,970	\$7.04	\$77,196	\$5,938
Observatory	--	--	--	--	--	--
Pine Grove Central	2003	2016	24,650	\$7.04	\$173,462	\$13,343
Pine Grove East	1996	2009	14,550	\$7.04	\$102,388	\$7,876
Pine Grove West	2008	2021	53,000	\$7.04	\$373,080	\$28,698
Pioneer Hall	2007	2020	25,700	\$7.04	\$180,851	\$13,912
President's Residence	1990	2003	4,500	\$7.04	\$31,666	\$2,436
Regional Education Center	2003	2016	78,975	\$7.04	\$555,747	\$42,750
Ryder Center	2000	2013	35,250	\$7.04	\$248,054	\$19,081
Ryder Center - Fieldhouse	2014	2027	14,000	\$7.04	\$98,533	\$7,579
Science Building - East	2011	2024	60,850	\$7.04	\$428,201	\$32,939
Science Building - West	2002	2015	27,938	\$7.04	\$196,600	\$15,123
South Campus Complex - Bldg. C ('68)	2013	2026	8,375	\$7.04	\$58,935	\$4,533
Softball Pressbox	--	--	--	--	--	--
Student Center	2003	2016	6,700	\$7.04	\$47,148	\$3,627
Studio	2006	2019	1,150	\$7.04	\$8,093	\$623
Tranquil Hall F & G	2008	2021	14,000	\$7.04	\$98,518	\$7,578
University HealthCare	2009	2022	9,500	\$7.04	\$66,873	\$5,144
University Village I	2000	2013	37,625	\$7.04	\$264,767	\$20,367
University Village II	2001	2014	51,925	\$7.04	\$365,396	\$28,107
University Village III	2005	2018	34,850	\$7.04	\$245,239	\$18,865
University Village IV	2007	2020	30,300	\$7.04	\$213,264	\$16,405
West Complex	2008	2021	125,700	\$7.04	\$884,550	\$68,042
Wickes Hall	2015	2028	78,300	\$7.04	\$550,997	\$42,384
Wickes Memorial Stadium	--	--	--	--	--	--
Zahnow Amphitheatre	--	--	--	--	--	--
Zahnow Library	2013	2026	80,700	\$7.04	\$567,886	\$43,684
Totals:		Lifespan: 13 years	1,238,868		\$8,706,274	\$671,234

Building	Furniture			
	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
South Campus Complex - Bldg. B ('66)	1996	2010	\$151,061	\$10,790
Arbury Fine Arts Center	1999	2013	\$415,183	\$29,656
South Campus Complex - Bldg. A	1992	2006	\$638,803	\$45,629
Bell Tower	--	--	--	--
Brown Hall	1987	2001	\$1,014,500	\$72,464
Campus Recreation Center/Fitness Center	2010	2024	\$22,947	\$1,639
Cardinal Gym	2004	2018	\$111,067	\$7,933
Children's Center	--	--	--	--
Concession Building	2006	2020	\$30,985	\$2,213
Doan Center	2005	2019	\$65,679	\$4,691
Founders Hall	1995	2009	\$87,102	\$6,222
Great Lakes A - E	1999	2013	\$485,293	\$34,664
Grounds Building	2002	2016	\$28,930	\$2,066
Health & Human Services	2010	2024	\$1,191,274	\$85,091
Living Center North	1999	2013	\$1,064,228	\$76,016
Living Center South	2004	2018	\$1,064,229	\$76,016
Living Center Southwest	2009	2023	\$625,036	\$44,645
Macomb Reg. Ed. Center	2003	2017	\$234,567	\$16,755
Observatory	--	--	--	--
Pine Grove Central	2003	2017	\$667,501	\$47,679
Pine Grove East	2007	2021	\$496,684	\$35,477
Pine Grove West	2008	2022	\$594,209	\$42,444
Pioneer Hall	2007	2021	\$956,305	\$68,308
President's Residence	--	--	--	--
Regional Education Center	2003	2017	\$2,345,665	\$167,548
Ryder Center	1991	2005	\$355,290	\$25,378
Ryder Center - Fieldhouse	2014	2028	\$31,350	\$2,239
Science Building - East	2001	2015	\$1,015,087	\$72,506
Science Building - West	1990	2004	\$966,922	\$69,066
South Campus Complex - Bldg. C ('68)	1987	2001	\$111,654	\$7,975
Softball Pressbox	2006	2020	\$2,040	\$146
Student Center	2003	2017	\$289,299	\$20,664
Studio	--	--	--	--
Tranquil Hall F & G	1997	2011	\$204,852	\$14,632
University HealthCare	2009	2023	\$109,230	\$7,802
University Village I	2000	2014	\$582,313	\$41,594
University Village II	2001	2015	\$750,582	\$53,613
University Village III	2006	2020	\$482,647	\$34,475
University Village IV	2007	2021	\$437,863	\$31,276
West Complex	1996	2010	\$2,295,165	\$163,940
Wickes Hall	2000	2014	\$1,628,048	\$116,289
Wickes Memorial Stadium	--	--	--	--
Zahnw Amphitheatre	--	--	--	--
Zahnw Library	2000	2014	\$781,888	\$55,849
Totals:		Lifespan: 14 years	\$22,335,478	\$1,595,391

Building	Plumbing / Electrical			
	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
South Campus Complex - Bldg. B ('66)	1987	2037	\$471,691	\$9,434
Arbury Fine Arts Center	1999	2049	\$3,478,977	\$69,580
South Campus Complex - Bldg. A	1992	2042	\$750,963	\$15,019
Bell Tower	1998	2048	\$12,010	\$240
Brown Hall	1986	2036	\$1,914,038	\$32,488
Campus Recreation Center/Fitness Center	2007	2057	\$1,840,014	\$36,800
Cardinal Gym	1971	2021	\$1,341,070	\$26,821
Children's Center	1980	2030	\$64,697	\$1,294
Concession Building	2006	2056	\$202,504	\$4,050
Doan Center	1993	2043	\$1,953,139	\$39,063
Founders Hall	1995	2045	\$237,719	\$4,754
Great Lakes A - E	1976	2026	\$1,964,692	\$39,294
Grounds Building	2002	2052	\$112,592	\$2,252
Health & Human Services	2010	2060	\$4,289,059	\$85,781
Living Center North	1999	2049	\$3,647,577	\$72,952
Living Center South	2004	2054	\$3,647,577	\$72,952
Living Center Southwest	2009	2059	\$2,488,007	\$49,760
Macomb Reg. Ed. Center	2003	2053	\$687,193	\$13,744
Observatory	1973	2023	\$2,815	\$56
Pine Grove Central	1987	2037	\$879,299	\$17,586
Pine Grove East	1997	2047	\$433,760	\$8,675
Pine Grove West	2008	2058	\$1,609,316	\$32,186
Pioneer Hall	2007	2057	\$2,627,965	\$52,559
President's Residence	1988	2038	\$167,731	\$3,355
Regional Education Center	2003	2053	\$5,530,268	\$110,605
Ryder Center	1989	2039	\$8,999,011	\$179,980
Ryder Center - Fieldhouse	2014	2064	\$2,508,000	\$50,160
Science Building - East	2001	2051	\$5,629,597	\$112,592
Science Building - West	1993	2043	\$2,658,421	\$53,168
South Campus Complex - Bldg. C ('68)	1980	2030	\$505,851	\$10,117
Softball Pressbox	2007	2057	\$3,825	\$77
Student Center	2003	2053	\$1,668,897	\$33,378
Studio	2000	2050	\$440,985	\$8,820
Tranquil Hall F & G	1971	2021	\$784,941	\$15,699
University HealthCare	2009	2059	\$546,148	\$10,923
University Village I	2000	2050	\$1,588,722	\$31,774
University Village II	2001	2051	\$2,118,296	\$42,366
University Village III	2005	2055	\$1,412,198	\$28,244
University Village IV	2007	2057	\$1,235,673	\$24,713
West Complex	1996	2046	\$9,213,606	\$184,272
Wickes Hall	2000	2050	\$3,475,400	\$69,508
Wickes Memorial Stadium	1991	2041	\$119,347	\$2,387
Zahnow Amphitheatre	--	--	--	--
Zahnow Library	1998	2048	\$3,416,331	\$68,327
Totals:	Lifespan: 50 years		\$86,679,923	\$1,727,805

Lighting / Voice & Data / Clock & Alarm Systems

Building	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
South Campus Complex - Bldg. B ('66)	1982	2012	\$283,015	\$9,434
Arbury Fine Arts Center	2000	2030	\$1,841,960	\$61,399
South Campus Complex - Bldg. A	1988	2018	\$488,128	\$16,271
Bell Tower	1998	2028	\$4,003	\$133
Brown Hall	1990	2020	\$1,148,424	\$38,281
Campus Recreation Center/Fitness Center	2007	2037	\$1,120,989	\$37,366
Cardinal Gym	1971	2001	\$804,641	\$26,821
Children's Center	1980	2010	\$38,818	\$1,294
Concession Building	2006	2036	\$76,173	\$2,539
Doan Center	1980	2010	\$1,171,883	\$39,063
Founders Hall	1995	2025	\$118,860	\$3,962
Great Lakes A - E	2000	2030	\$1,178,816	\$39,294
Grounds Building	2002	2032	\$86,008	\$2,867
Health & Human Services	2010	2040	\$2,639,421	\$87,981
Living Center North	1999	2029	\$2,188,543	\$72,951
Living Center South	2004	2034	\$2,188,543	\$72,951
Living Center Southwest	2009	2039	\$1,517,078	\$50,569
Macomb Reg. Ed. Center	2003	2033	\$412,316	\$13,744
Observatory	1973	2003	\$3,753	\$125
Pine Grove Central	1986	2016	\$527,579	\$17,586
Pine Grove East	1997	2027	\$260,258	\$8,675
Pine Grove West	2008	2038	\$1,980,697	\$66,023
Pioneer Hall	2007	2037	\$1,530,853	\$51,028
President's Residence	1975	2005	\$100,638	\$3,355
Regional Education Center	2003	2033	\$3,318,161	\$110,605
Ryder Center	1989	2019	\$3,912,614	\$130,420
Ryder Center - Fieldhouse	2014	2044	\$224,675	\$7,489
Science Building - East	2001	2031	\$3,377,758	\$112,592
Science Building - West	1997	2027	\$1,501,226	\$50,041
South Campus Complex - Bldg. C ('68)	1981	2011	\$303,510	\$10,117
Softball Pressbox	2007	2037	\$3,698	\$123
Student Center	2003	2033	\$1,001,338	\$33,378
Studio	2006	2036	\$198,443	\$6,615
Tranquil Hall F & G	2000	2030	\$470,964	\$15,699
University HealthCare	2009	2039	\$242,732	\$8,091
University Village I	2000	2030	\$2,360,632	\$78,688
University Village II	2001	2031	\$3,147,510	\$104,917
University Village III	2005	2035	\$2,098,340	\$69,945
University Village IV	2007	2037	\$1,836,047	\$61,202
West Complex	1996	2026	\$5,275,488	\$175,850
Wickes Hall	2011	2041	\$2,085,240	\$69,508
Wickes Memorial Stadium	1991	2021	\$101,445	\$3,382
Zahnow Amphitheatre	--	--	--	--
Zahnow Library	1998	2028	\$2,540,651	\$84,688
Totals:	Lifespan: 30 years		\$55,711,871	\$1,857,062

HVAC Equipment / HVAC Terminal Units

Building	Install Date	Replacement Date	Total Replacement Cost	Annual Cost
South Campus Complex - Bldg. B ('66)	--	--	--	
Arbury Fine Arts Center	1987	2027	\$3,009,958	\$75,249
South Campus Complex - Bldg. A	--	--	--	--
Bell Tower	--	--	--	--
Brown Hall	1986	2026	\$2,392,551	\$59,814
Campus Recreation Center/Fitness Center	2010	2050	\$2,193,889	\$54,847
Cardinal Gym	See Ryder Center	--	--	--
Children's Center	--	--	--	--
Concession Building	--	--	--	
Doan Center	1990	2030	\$2,441,423	\$61,036
Founders Hall	1995	2035	\$297,149	\$7,429
Great Lakes A - E	2004	2034	\$2,455,865	\$81,862
Grounds Building	--	--	--	--
Health & Human Services	2010	2050	\$4,948,914	\$123,723
Living Center North	1999	2029	\$4,559,471	\$151,982
Living Center South	2004	2034	\$4,559,471	\$151,982
Living Center Southwest	2009	2039	\$3,798,763	\$126,625
Macomb Reg. Ed. Center	2003	2033	\$858,991	\$28,633
Observatory	--	--	--	--
Pine Grove Central	--	--	--	--
Pine Grove East	--	--	--	--
Pine Grove West	--	--	--	--
Pioneer Hall	2007	2037	\$3,285,022	\$109,501
President's Residence	--	--	--	--
Regional Education Center	2003	2043	\$6,912,835	\$172,821
Ryder Center	1989	2029	\$6,651,441	\$166,286
Ryder Center - Fieldhouse	2014	2054	\$627,000	\$15,675
Science Building - East	2001	2041	\$9,382,661	\$234,567
Science Building - West	1990	2030	\$2,971,176	\$74,279
South Campus Complex - Bldg. C ('68)	--	--	--	--
Softball Pressbox	--	--	--	--
Student Center	2003	2043	\$1,202,588	\$30,065
Studio	2001	2041	\$109,464	\$2,737
Tranquil Hall F & G	2004	2034	\$392,470	\$13,082
University HealthCare	--	--	--	--
University Village I	2000	2030	\$327,924	\$10,931
University Village II	--	--	--	--
University Village III	--	--	--	--
University Village IV	--	--	--	--
West Complex	1996	2036	\$10,868,220	\$271,705
Wickes Hall	2000	2040	\$4,344,247	\$108,606
Wickes Memorial Stadium	--	--	--	--
Zahnnow Amphitheatre	--	--	--	--
Zahnnow Library	1997	2037	\$5,113,265	\$127,832
Totals:		Lifespan: 30 or 40 years	\$83,704,759	\$2,261,269

Furnaces & Condensing Units

Building	Install Date	Replacement Date	Number	Cost per Unit	Total Replacement Cost	Annual Cost
SCC-B ('66 Bldg.)	2013	2030	15	\$5,473	\$82,098	\$4,829
SCC-A (old College of Ed.)	2014	2031	39	\$5,473	\$213,456	\$12,556
Children's Center	1980	1997	2	\$5,473	\$10,946	\$644
Concessions	2006	2023	2	\$5,473	\$10,945	\$644
Great Lakes A - E	--	--	--	--	--	--
Grounds Building	2002	2019	2	\$5,473	\$10,946	\$644
Living Center North	--	--	--	--	--	--
Living Center South	--	--	--	--	--	--
Living Center Southwest	--	--	--	--	--	--
Pine Grove Central	2003	2020	82	\$5,473	\$448,804	\$26,400
Pine Grove East	1996	2013	32	\$5,473	\$175,143	\$10,303
Pine Grove West	2008	2025	114	\$5,473	\$623,878	\$36,699
President's Residence	2013	2030	4	\$5,473	\$21,893	\$1,288
SCC-C ('68 Bldg.)	2014	2031	20	\$5,473	\$109,464	\$6,439
Tranquil Hall F & G	--	--	--	--	--	--
University HealthCare	2009	2026	7	\$5,474	\$38,315	\$2,254
University Village I	2000	2017	86	\$5,473	\$470,697	\$27,688
University Village II	2001	2018	144	\$5,473	\$788,144	\$46,361
University Village III	2005	2022	100	\$5,473	\$547,322	\$32,195
University Village IV	2007	2024	84	\$5,473	\$459,701	\$27,041
Totals:		Lifespan: 17 years	733		\$4,011,753	\$235,985

Water Heaters

Building	Install Date	Replacement Date	Number	Cost per Unit	Total Replacement Cost	Annual Cost
SCC-B ('66 Bldg.)	1994	2007	1	\$782	\$782	\$60
SCC-A (old College of Ed.)	1989	2002	2	\$782	\$1,564	\$120
Children's Center	1990	2003	1	\$782	\$782	\$60
Concessions	2006	2019	3	\$782	\$2,346	\$180
Great Lakes A - E	--	--	--	--	--	--
Grounds Building	2002	2015	1	\$782	\$782	\$60
Living Center North	--	--	--	--	--	--
Living Center South	--	--	--	--	--	--
Living Center Southwest	--	--	--	--	--	--
Pine Grove Central	2003	2016	42	\$782	\$32,839	\$2,526
Pine Grove East	1996	2009	16	\$782	\$12,510	\$962
Pine Grove West	2008	2021	56	\$782	\$43,786	\$3,368
President's Residence	1994	2007	1	\$782	\$782	\$60
SCC-C ('68 Bldg.)	1992	2005	1	\$782	\$782	\$60
Tranquil Hall F & G	--	--	--	--	--	--
University HealthCare	2009	2022	1	\$782	\$782	\$60
University Village I	2000	2013	46	\$782	\$35,967	\$2,767
University Village II	2001	2014	73	\$782	\$57,078	\$4,391
University Village III	2005	2018	50	\$782	\$39,094	\$3,007
University Village IV	2007	2020	42	\$782	\$32,839	\$2,526
Totals:	Lifespan: 13 years		336		\$262,715	\$20,209

Appliances

(Ranges, Range Hoods, Refrigerators, Dishwashers, Disposals, Microwaves)

Building	Install Date	Replacement Date	Number	Cost per Unit	Total Replacement Cost	Annual Cost
SCC-B ('66 Bldg.)	--	--	--	--	--	--
SCC-A (old College of Ed.)	--	--	--	--	--	--
Children's Center	1990	2005	3	\$704	\$1,840	\$123
Concessions	2006	2021	6	\$704	\$3,681	\$245
Great Lakes A - E	2008	2023	135	\$704	\$82,735	\$5,516
Grounds Building	--	--	--	--	--	--
Living Center North	1999	2014	605	\$704	\$371,067	\$24,738
Living Center South	2004	2019	605	\$704	\$371,067	\$24,738
Living Center Southwest	2009	2024	460	\$704	\$282,224	\$18,815
Pine Grove Central	2003	2018	200	\$704	\$122,667	\$8,178
Pine Grove East	1996	2011	96	\$704	\$58,880	\$3,925
Pine Grove West	2008	2023	324	\$704	\$198,564	\$13,238
President's Residence	1995	2010	7	\$704	\$4,293	\$286
SCC-C ('68 Bldg.)	--	--	--	--	--	--
Tranquil Hall F & G	2008	2023	54	\$704	\$33,094	\$2,206
University HealthCare	2009	2024	7	\$704	\$4,287	\$286
University Village I	2000	2015	492	\$704	\$301,760	\$20,117
University Village II	2001	2016	432	\$704	\$264,960	\$17,664
University Village III	2005	2020	300	\$704	\$184,000	\$12,267
University Village IV	2007	2022	252	\$704	\$154,614	\$10,308
Totals:	Lifespan: 15 years				\$2,439,735	\$162,649

Boilers

Building	Install Date	Replacement Date	Number of Boilers	Cost Per Boiler	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	1986	2011	3	\$286,834	\$860,501	\$34,420
Arbury Fine Arts Center	2002	2017	1	\$114,733	\$114,733	\$7,649
Arbury Fine Arts Center	2004	2019	1	\$137,680	\$137,680	\$9,179
Arbury Fine Arts Center	2010	2025	1	\$137,680	\$137,680	\$9,179
Doan Center (DHW, HWH from WC)	2014	2039	2	\$137,680	\$275,360	\$11,014
Founders Hall (HWH)	1995	2010	2	\$114,733	\$229,467	\$15,298
Great Lakes A - E (HWH)	1999	2014	10	\$91,787	\$917,868	\$61,191
Great Lakes A - E (DWH)	1999	2014	5	\$114,733	\$573,667	\$38,244
Health & Human Services	2009	2024	2	\$137,680	\$275,360	\$18,357
Health & Human Services	2009	2024	1	\$91,787	\$91,787	\$6,119
Living Center North (HWH)	1999	2014	3	\$172,100	\$516,301	\$34,420
Living Center North DWH	1999	2014	2	\$91,787	\$183,574	\$12,238
Living Center South (HWH)	2003	2018	3	\$172,100	\$516,301	\$34,420
Living Center South (DWH)	2003	2018	2	\$91,787	\$183,574	\$12,238
Living Center Southwest (HWH)	2008	2023	4	\$137,680	\$550,721	\$36,715
Ryder Center (HWH)	2014	2039	5	\$167,200	\$836,000	\$33,440
Ryder Center (DWH)	2007	2022	1	\$103,260	\$103,260	\$6,884
Ryder Center - Fieldhouse	2014	2039	2	\$14,630	\$29,260	\$1,170
Ryder Center - Pool	2009	2024	2	\$91,787	\$183,574	\$12,238
Science Building - East (HWH)	2000	2015	3	\$229,467	\$688,401	\$45,893
Science Building - East (DWH)	1999	2014	1	\$91,787	\$91,787	\$6,119
Science Building - West (HWH)	2012	2027	6	\$114,733	\$688,401	\$45,893
Science Building - West (DWH)	2003	2018	1	\$91,787	\$91,787	\$6,119
Student Center	2003	2018	2	\$114,733	\$229,467	\$15,298
Tranquil Hall F & G (HWH)	2000	2015	4	\$91,787	\$367,147	\$24,476
Tranquil Hall F & G (DWH)	2000	2015	2	\$114,733	\$229,467	\$15,298
University Village I (HWH)	2000	2015	4	\$68,840	\$275,360	\$18,357
University Village I (DWH)	2000	2015	4	\$68,840	\$275,360	\$18,357
West Complex (HWH)	2010	2035	7	\$91,787	\$642,507	\$25,700
West Complex (DWH)	2014	2039	2	\$114,733	\$229,467	\$9,179
Wickes Hall	1999	2024	2	\$344,200	\$688,401	\$27,536
Zahnow Library - Food Court (HWH)	2005	2020	2	\$137,680	\$275,360	\$18,357
Zahnow Library - Food Court (DWH)	2005	2020	2	\$91,787	\$183,574	\$12,238
Totals:		Lifespan: 15 or 25 years	94		\$11,673,153	\$683,237

Chillers / Cooling Towers / Heat Pumps

Location / Tons	Install Date	Replacement Date	Number Units	Total Replacement Cost	Annual Cost
Chillers					
Science West / 800	1984	2001	1	\$367,147	\$21,597
Doan Center / 320	1994	2011	1	\$172,100	\$10,124
West Complex / 1000	2013	2030	1	\$527,774	\$31,046
Pioneer Hall / 640	1998	2015	1	\$321,254	\$18,897
Reg. Ed. Center / 450	2002	2019	1	\$240,940	\$14,173
Reg. Ed. Center / 450	2002	2019	1	\$240,940	\$14,173
Ryder / 500	2004	2021	1	\$263,887	\$15,523
Arbury / 60	2002	2019	1	\$34,420	\$2,025
Totals:	Lifespan: 17 years		8	\$2,168,463	\$127,557
Cooling Towers					
Science West	1984	2014	1	\$229,467	\$7,649
Doan Center	1994	2024	1	\$229,467	\$7,649
West Complex	2013	2028	1	\$229,467	\$15,298
Pioneer Hall	1998	2028	1	\$229,467	\$7,649
Reg. Ed. Center	2003	2033	1	\$229,467	\$7,649
Reg. Ed. Center	2003	2033	1	\$229,467	\$7,649
Ryder	2004	2034	1	\$229,467	\$7,649
Totals:	Lifespan: 15 or 30 years		7	\$1,606,269	\$61,191
Heat Pumps					
Reg. Ed. Center - 10 units @ 70 tons each	2010	2025	10	\$688,401	\$45,893
West Complex - 2 units @ 40 tons each	2013	2028	2	\$13,498	\$900
Totals:	Lifespan: 15 years		12	\$701,899	\$46,793

Utilities

Description	Average Install Date	Replacement Date	Linear Feet	Cost per Square Foot	Total Replacement Cost	Annual Cost
Natural Gas	2015	2095	10,167	\$31.28	\$317,978	\$3,975
Sanitary Sewer	1991	2071	40,580	\$109.46	\$4,442,065	\$55,526
Storm Sewer	1990	2070	86,635	\$117.28	\$10,160,836	\$127,010
Water	1992	2072	48,720	\$46.91	\$2,285,616	\$28,570
Totals:	Lifespan: 80 years				\$17,206,495	\$215,081

8320 Volt Electrical System - Equipment

Area	Install Date	Replacement Date	Total Replacement Cost	Annual Cost
A House to E House, MH 7 to Pioneer, Pioneer to Fine Arts	1969	1999	\$204,752	\$6,825
West Complex to Doan Center	1991	2021	\$30,134	\$1,004
Main Loop Switches 1 & 2, 66/68 Building	2001	2031	\$156,378	\$5,213
Ryder Center to Loop Switch 4	2002	2032	\$105,469	\$3,516
Manhole #6 to Manhole #6A to Living Center South	2003	2033	\$70,370	\$2,346
University Villages	2003	2033	\$1,020,059	\$34,002
Pine Grove	2008	2038	\$185,690	\$6,190
Health & Human Services	2010	2040	\$70,699	\$2,357
Totals:	Lifespan: 30 years		\$1,843,550	\$61,452

8320 Volt Distribution System

Description	Average Install Date	Replacement Date	Total Replacement Cost	Annual Cost
Duct Banks	1966	2046	\$15,481,392	193,517
Cable	1995	2025	\$3,825,312	127,510
Health & Human Services Cable	2010	2040	\$141,680	4,723
Totals:	Lifespan: 30 or 80 years		\$19,448,383	325,750

Food Services Equipment

Location	Description	Install Date	Lifespan	Replacement Date	Quantity	Cost per Unit	Total Replacement Cost	Annual Cost
Doan Marketplace- D151								
Desert Section Island (Main Dining)								
	Refrigerator (2 Door)	2005	20	2025	1	\$4,733	\$4,733	\$237
	Cooler (2 Door)	2005	20	2025	1	\$3,034	\$3,034	\$152
	Reach In Freezer (1 Door)	1995	20	2015	1	\$4,005	\$4,005	\$200
	Reach In Freezer	1995	20	2015	1	\$6,068	\$6,068	\$303
	Ice Cream Cooler	2005	15	2020	1	\$7,282	\$7,282	\$485
Main Lobby Dining								
	Ice Cream Machine	2015	15	2030	1	\$15,000	\$15,000	\$1,000
	Cooler (2 Door)	2005	20	2025	1	\$3,034	\$3,034	\$152
	Food Warmer	2005	15	2020	6	\$2,063	\$12,379	\$825
	Island Cooler for Ice Prep.	2005	15	2020	1	\$16,991	\$16,991	\$1,133
	Prep Table/3 door cooler	1996	20	2016	1	\$10,923	\$10,923	\$546
	Grill	1996	20	2016	1	\$9,709	\$9,709	\$485
	Holding Oven	1996	20	2016	1	\$9,102	\$9,102	\$455
	Food Warmer and Cooler	1996	15	2011	1	\$7,282	\$7,282	\$485
Main Lobby Dining (Right Side Salad Bar Side)								
	Salad Prep Table	1996	15	2011	1	\$1,214	\$1,214	\$81
	Soup Heater	2005	4	2009	2	\$607	\$1,214	\$303
	Soup Heater	2009	4	2013	2	\$583	\$1,165	\$291
	Salad Prep Table	2006	15	2021	2	\$3,034	\$6,068	\$405
	Salad/Deli Prep Table	1996	15	2011	1	\$3,034	\$3,034	\$202
	Salad Prep Table	2005	15	2020	1	\$3,034	\$3,034	\$202
1st Floor Kitchen Main Dining								
	Tilt Top Skillet	1996	15	2011	1	\$18,205	\$18,205	\$1,214
	Flat Top Range	1996	20	2016	1	\$12,137	\$12,137	\$607
	Cooler (2 Door)	1996	20	2016	1	\$6,068	\$6,068	\$303
	Cookie Oven	1996	20	2016	1	\$24,273	\$24,273	\$1,214
	Holding Oven	1996	20	2016	1	\$18,205	\$18,205	\$910
	Oven	1996	20	2016	1	\$12,137	\$12,137	\$607
	Grill	1999	15	2014	1	\$7,282	\$7,282	\$485
	Fryer	1996	15	2011	1	\$3,398	\$3,398	\$227
	Ice Machine	2006	15	2021	1	\$6,068	\$6,068	\$405
	Food Warmer and Cooler	2006	20	2026	1	\$6,068	\$6,068	\$303
	Convection Oven	1996	20	2016	8	\$9,709	\$77,674	\$3,884
	Convection Oven	2006	20	2026	2	\$9,709	\$19,419	\$971
	Hot Boxes (2 Door)	2006	15	2021	1	\$6,068	\$6,068	\$405
	Hot Boxes (2 Door)	2006	15	2021	1	\$6,068	\$6,068	\$405
	Hot Boxes (2 Door)	2006	15	2021	1	\$6,068	\$6,068	\$405
	Holding Oven	2006	15	2021	1	\$1,699	\$1,699	\$113
	Walk in Freezer (#6 Baked Goods)	2006	15	2021	1	\$24,273	\$24,273	\$1,618
	Walk in Cooler (#5)	2006	20	2026	1	\$24,273	\$24,273	\$1,214
	Walk in Freezer (#4 Meat)	2006	20	2026	1	\$24,273	\$24,273	\$1,214
	Walk in Cooler (#3 Grill Comfort)	2006	20	2026	1	\$24,273	\$24,273	\$1,214

Food Services Equipment

Location	Description	Install Date	Lifespan	Replacement		Cost per Unit	Total Replacement Cost	Annual Cost
				Date	Quantity			
	Walk in Cooler (#2 Produce)	2006	20	2026	1	\$24,273	\$24,273	\$1,214
	Walk in Cooler (#1 Catering)	2006	20	2026	1	\$24,273	\$24,273	\$1,214
	Warming Unit	2007	15	2022	2	\$2,063	\$4,126	\$275
Doan Marketplace Totals:							\$505,878	\$28,362
Curtiss Hall								
Coffee Shop (C160)								
	Airscreen		20		1			
	Freezer 2 Door		20		1			
	Coffee Maker		20		1			
Food Service (C240)								
	Freezer (1 Door)	1996	20	2016	1	\$2,427	\$2,427	\$121
	Cooler	2005	20	2025	1	\$4,126	\$4,126	\$206
	Cooler (2 Door)	1996	20	2016	1	\$6,068	\$6,068	\$303
	Ice Machine	2005	15	2020	1	\$6,068	\$6,068	\$405
Beverages (C246)								
	Ice Machine	1996	15	2011	2	\$6,068	\$12,137	\$809
	Cooler (4 Door)	1996	20	2016	1	\$6,311	\$6,311	\$316
	Cooler (3 Door)	1996	20	2016	1	\$5,461	\$5,461	\$273
	Refrigerator	2003	20	2023	1	\$4,855	\$4,855	\$243
President's Kitchen (C226)								
	Freezer (2 Door)	1996	20	2016	1	\$18,205	\$18,205	\$910
	Cooler (2 Door)	1996	20	2016	1	\$18,205	\$18,205	\$910
	Ice Machine	1996	15	2011	1	\$6,068	\$6,068	\$405
	Cooler (2 Door)	1996	20	2016	1	\$18,205	\$18,205	\$910
	Warming Prep Table (4 Pans)	1996	15	2011	1	\$12,137	\$12,137	\$809
	Oven (4 Drawer)	1996	15	2011	1	\$9,709	\$9,709	\$647
	Refrigerator	1996	20	2016	1	\$4,855	\$4,855	\$243
	Warming Station (1 Door)	1996	15	2011	1	\$1,699	\$1,699	\$113
	Cooler (2 Door)	1996	20	2016	1	\$6,190	\$6,190	\$309
	Cooler (2 Door)	1996	20	2016	1	\$14,564	\$14,564	\$728
	Oven	2005	15	2020	1	\$9,102	\$9,102	\$607
Campus Dining Office (C122)								
	Refrigerator (1 Door)	2008	20	2028	2	\$1,214	\$2,427	\$121
Finishing Kitchen (C248 & C249)								
	Warming Unit	1996	15	2011	6	\$2,063	\$12,379	\$825
	Hot Hold Unit	1996	15	2011	3			
	Walk In Cooler				1			
	Walk In Freezer				1			
	Warming Unit				8			
	Ice Machine	1996	15	2011	1	\$6,068	\$6,068	\$405
	Ice Machine				1			

Food Services Equipment

Location	Description	Install Date	Lifespan	Replacement Date	Quantity	Cost per Unit	Total Replacement Cost	Annual Cost
	Warming Unit (4 Tray Holders)	1996	15	2011	3	\$2,427	\$7,282	\$485
	Cooler	2005	20	2025	1	\$4,855	\$4,855	\$243
Curtiss Hall Totals:							\$199,405	11,348
Student Center								
Papa John's								
	Walk In Cooler		20		1			
	WOW Oven		20		2			
	Warming Cabinet		20		1			
	Heat Lamp		20		1			
	Heat Lamp		20		2			
	Heat Lamp		20		1			
	Express Oven		20		1			
	Under Counter Refrigerator		20		1			
	Makeline		20		1			
	Oven Hood		20		1			
	Beverage Cooler		20		1			
	Warming Cabinet (small)		20		1			
Convenience Store (Student Center SC128)								
	Refrigerator Reach In Cooler (2 Door)	2003	20	2023	1	\$4,612	\$4,612	\$231
	Walk In Cooler (7 Doors)	2003	20	2023	1	\$24,273	\$24,273	\$1,214
	Walk In Freezer (5 Doors)	2003	20	2023	1	\$24,273	\$24,273.24	\$1,214
	Freezer (3 Door)	2004	20	2024	1	\$9,709	\$9,709	\$485
	Freal Milkshake Machine	2012			1			
	Hoshizaki Ice Maker	2012			1			
Student Center Totals:							\$62,868	3,143
Regional Education Center								
Einstein Bros. Bagels								
	Ice Machine	2003	10	2013	1	\$6,068	\$6,068	\$607
	Freezer	2003	20	2023	1	\$6,068	\$6,068	\$303
	Makeline - 3 door							
	Espresso Machine							
	TurboChef							
	Walk In Cooler							
	Walk In Freezer							
	Bagel Slicer							
	Oven							
	Cooler Undercounter 2 door							
	Cooler Undercounter 2 door							
	Airscreen							
	Cooler Undercounter 2 door							
	Toaster							
2nd Floor Kitchen (ES205)								
	Ice Machine	2003	15	2018	1	\$6,068	\$6,068	\$405

Food Services Equipment

Location	Description	Install Date	Lifespan	Replacement Date	Quantity	Cost per Unit	Total Replacement Cost	Annual Cost
	Refrigerator (3 Door)	2003	20	2023	1	\$4,855	\$4,855	\$243
	Freezer (1 Door)	2003	20	2023	1	\$6,068	\$6,068	\$303
	Warming Unit	2003	20	2023	3	\$2,063	\$6,190	\$309
	Warming Unit (Hot Food)	2003	15	2018	5	\$2,063	\$10,316	\$688
	Warming Unit	2007	15	2022	1	\$2,063	\$2,063	\$138
Regional Education Center Totals:							\$47,697	\$2,996
Science East								
Starbucks								
	Reach In Coolers for cookies and drinks	2007	10	2017	1	\$4,612	\$4,612	\$461
	Ice Machines	2007	10	2017	1	\$6,068	\$6,068	\$607
	Refrigerator	2007	10	2017	1	\$3,641	\$3,641	\$364
	Espresso machine							
	Coffee Machine							
	Under Counter Refrigerator (2 Door)							
	Reach In Cooler (2 Door)							
	Oven							
	Under Counter Refrigerator (1 Door)							
	Under Counter Refrigerator (1 Door)							
Science East Totals:							\$14,321	\$1,432
Zahnaw Library - Food Court								
Albert E's Food Court (Quiznos, Greens to Go, Grille).								
	Salad Prep Table with 2 Door cooler	2004	15	2019	1	\$12,137	\$12,137	\$809
	Drop In Freezer Counter Top		8		1			
	Salad Prep Table with 2 Door cooler	2004	15	2019	1	\$12,137	\$12,137	\$809
	Cooler with Prep Sink		15	15	1	\$9,709	\$9,709	\$647
	Reach In Cooler (2 Door)		20	20	1	\$6,068	\$6,068	\$303
	Fryer	1996	15	2011	1	\$3,641	\$3,641	\$243
	Stove	2005	20	2025	1	\$12,137	\$12,137	\$607
	Fryer	2005	15	2020	1	\$3,641	\$3,641	\$243
	Stove Char Grill	2005	15	2020	1	\$9,709	\$9,709	\$647
	Grill Flat Top	2005	15	2020	1	\$13,350	\$13,350	\$890
	Ice Cream Cooler (Countertop Storage)	2003	15	2018	1	\$3,034	\$3,034	\$202
	Reach In Freezer	1996	20	2016	1	\$4,855	\$4,855	\$243
	Salad prep unit							
	Salad prep unit							
	Salad prep unit							
	Air screen							
	Chef Base 6 Drawer							
Bene Pizzeria								
	Pizza Warmer	2005	15	2020	2	\$12,137	\$24,273	\$1,618
	Cooler (2 drawer)	2005	20	2025	1	\$4,855	\$4,855	\$243
	Walk In cooler	2004	15	2019	1	\$24,273	\$24,273	\$1,618
	Ice Machine	1996	15	2011	1	\$6,068	\$6,068	\$405
	Reach In Cooler (2 Door)	1996	20	2016	1	\$4,612	\$4,612	\$231

Food Services Equipment

Location	Description	Install Date	Lifespan	Replacement Date	Quantity	Cost per Unit	Total Replacement Cost	Annual Cost
	Dough Press							
	Reach In Cooler							
Zahnow Library Food Court Totals:							\$154,499	\$9,758
Wickes Stadium								
	Ice Machine	2008	15	2023	1	\$6,068	\$6,068	\$405
	Cooler (2 Door)	2007	20	2027	1	\$4,248	\$4,248	\$212
	Warming Unit	2007	15	2022	1	\$2,063	\$2,063	\$138
	Warming Unit		15	15				\$0
	Warming Unit (2 Drawer)	2007	15	2022	1	\$2,063	\$2,063	\$138
	Cooler	2003	20	2023	1	\$4,855	\$4,855	\$243
	Popcorn Machine							
	2 Door Freezer							
	Cooler (2 Door)							
Football South Side								
	Cooler Reach In	1995	20	2015	1	\$1,820	\$1,820	\$91
	Popcorn Machine	1995	10	2005	1	\$1,820	\$1,820	\$182
Football North Side								
	Warming Unit (2 Drawer)	2007	15	2022	1	\$1,760	\$1,760	\$117
	Popcorn Machine	1995	10	2005	1	\$1,820	\$1,820	\$182
Wickes Stadium Totals:							\$26,519	\$1,707
Food Service Equipment Consolidated Totals:		Lifespan:		varies			\$1,011,186	\$58,746

AV Equipment (Non Conference Specific Items)

Location	Equipment Description	Install Date	Replacement Date	Quantity	Cost per Unit	Total Replacement Cost	Average Annual Funds Needed
Malcolm Field Theatre (Curtiss Hall)							
	Audio Board			1	\$18,205	\$18,205	
	Dimmer Racks			6	\$133,503	\$801,017	
	Follow Spotlights			2	\$7,282	\$14,564	
	LineArray Front of House Speakers			12	\$72,820	\$873,837	
	Cyc			1	\$6,068	\$6,068	
	Black Sharkstooth Scrim			1	\$3,641	\$3,641	
	Mechanical Hoist Apron Electric			1	\$18,205	\$18,205	
	Front of House Projector			1	\$48,546	\$48,546	
	Wireless Headsets			4	\$1,214	\$4,855	
	Reroping Fly system			1	\$12,137	\$12,137	
	Arial Lift			1	\$12,137	\$12,137	
	Permenant Refinishing of Floor			1	\$14,564	\$14,564	
	Video Rack Upgrade			1	\$9,709	\$9,709	
	L & E MR-16 CYC Strips			8	\$1,456	\$11,651	
	Pipe- Screen Lineset			1	\$1,214	\$1,214	
Rhea Miller Recital Hall (Curtis Hall)							
	Line Array F of H sepakers			included in MFT		-	
	Audio Borad			1	\$9,709	\$9,709	
	Motorized Front Stage Light Bar			1	\$18,205	\$18,205	
	Source 4 Ellipsoidals			12	\$485	\$5,826	
Black Box Theatre/Studio (Curtis Hall)							
	Lighting Board			1	\$16,991	\$16,991	
	Audio Board			1	\$9,709	\$9,709	
	Camera w/ link to MFT			1	\$6,068	\$6,068	
	Source 4 PARNel			30	\$297	\$8,924	
	Source 4 Ellipsoidals			30	\$416	\$12,494	
Founders Hall							
	Lighting Dimmer Rack	2013		1	\$23,104	\$23,104	
	Lighting Board			1	\$9,242	\$9,242	
Totals:						\$1,970,621	\$0

		I.T. Equipment							
Location	Equipment Description	Install Date	Lifespan	Replacement Date	Quantity	Cost per Unit	Total Replacement Cost	Annual Funds Needed	
Wickes Hall 220									
UPS-Computer Room									
	Batteries	2015	4	2019	1	\$11,248	\$11,248	\$2,812.10	
	UPS	2007	20	2027	1	\$44,994	\$44,994	\$2,249.68	
	A/C Capacitors	2007	10	2017	1	\$3,937	\$3,937	\$393.69	
Document Imaging									
	Scanners			As Needed				\$5,000.00	
Network Components									
	Wireless (ResNet)	2015	3	2018			\$825,000	\$275,000	
	Closet Electronics	2015-2017	5	2020-2022			\$966,000	\$193,200	
	Coset UPS	As Needed	3	As Needed			\$64,000	\$21,333	
	VM Servers (includes Colleague Server)		5	Running			\$360,000	\$72,000	
	Off-Campus Fiber Optic Cable								
	Major Network Components		5	2015-2016			\$433,000	\$86,600	
	SAN		5	FY18			\$225,000	\$45,000	
	NAC		5	2015			\$148,000	\$29,600	
	VPN		5	2017			\$10,000	\$2,000	
	Backup Solution	2015	5	2020			\$238,000	\$47,600	
	Disaster Recovery (equipment)		5	2018			\$195,000	\$39,000	
Campuswide									
Classrooms & Offices									
	Distance Ed Codecs	2014	5	2019			\$166,920	\$33,384	
	Lab computers		5	Recycled after 5			\$1,585,000	\$317,000	
	Faculty computers		4	Recycled after 4			\$532,000	\$133,000	
	Classroom Technology		10	Ongoing			\$1,927,740	\$192,774	
	ME458 Servers		3	2017			\$27,550	\$9,183	
	Wireless (Classroom)	2015-2017	3	2018-2020			\$2,700,000	\$900,000	
Regional Education Center									
	Ott Auditorium Technology - FY13		9				\$280,800	\$82,264	
	Ott Auditorium Technology - FY14							\$83,435	
	Ott Auditorium Technology - FY15							\$81,536	
	Ott Auditorium Technology - Ongoing							\$31,200	
Totals:					3		\$10,744,189	\$2,685,565	

Parking Lots

Parking Lot	Install Date	Replacement Date	Square Feet	Cost per Square Foot	Total Replacement Cost	Annual Cost
A	2010	2030	99,000	\$2.32	\$229,444	\$11,472
C	2010	2030	94,125	\$2.32	\$218,146	\$10,907
C1	2013	2033	82,700	\$2.32	\$191,630	\$9,581
D	2003	2023	112,000	\$2.32	\$259,573	\$12,979
E	2011	2031	193,000	\$2.32	\$447,300	\$22,365
F	2009	2029	221,250	\$2.32	\$512,773	\$25,639
H	2010	2030	107,250	\$2.32	\$248,564	\$12,428
J	2013	2033	138,000	\$2.32	\$319,769	\$15,988
J1	2010	2030	133,650	\$2.32	\$309,749	\$15,487
J2	2010	2030	141,100	\$2.32	\$327,016	\$16,351
J3	2001	2021	133,650	\$2.32	\$309,749	\$15,487
J4	2006	2026	50,400	\$2.32	\$116,808	\$5,840
K	1992	2012	84,150	\$2.32	\$195,027	\$9,751
L	2006	2026	102,600	\$2.32	\$237,787	\$11,889
R	2000	2020	88,900	\$2.32	\$206,036	\$10,302
Bookstore	2003	2023	16,000	\$2.32	\$37,082	\$1,854
Concessions	2006	2026	16,864	\$2.32	\$39,084	\$1,954
Continuing Education	1997	2017	3,600	\$2.32	\$8,343	\$417
Curtiss Hall Circle	2010	2030	16,079	\$2.32	\$37,265	\$1,863
Fine Arts Circle (West of Bldg.)	2013	2033	19,600	\$2.32	\$45,425	\$2,271
Fine Arts Drive (North of Bldg.)	2001	2021	29,700	\$2.32	\$68,833	\$3,442
Founders Hall	1994	2014	7,043	\$2.32	\$16,323	\$816
Pine Grove Central	2014	2034	28,800	\$2.32	\$66,747	\$3,337
Pine Grove East	1996	2016	14,400	\$2.32	\$33,374	\$1,669
Pine Grove West	2008	2028	53,000	\$2.32	\$122,834	\$6,142
Pioneer Hall - Service	2007	2027	11,400	\$2.32	\$26,421	\$1,321
Regional Education Center	2003	2023	300,000	\$2.32	\$695,285	\$34,764
Ryder Service	2007	2027	5,400	\$2.32	\$12,515	\$626
SCC-A South	2011	2031	10,800	\$2.32	\$25,030	\$1,252
SCC-A	2011	2031	13,000	\$2.32	\$30,129	\$1,506
SCC-C North	1982	2002	15,000	\$2.32	\$34,764	\$1,738
University HealthCare	2009	2029	20,000	\$2.32	\$46,352	\$2,318
Univ. Village I - East (original)	2000	2020	14,850	\$2.32	\$34,417	\$1,721
Univ. Village I - East (addtn.)	2004	2024	6,000	\$2.32	\$13,906	\$695
Univ. Village I - Southeast	2004	2024	32,000	\$2.32	\$74,164	\$3,708
University Village - West	2001	2021	64,800	\$2.32	\$150,182	\$7,509
Univ. Village II - South (original)	2001	2021	34,200	\$2.32	\$79,262	\$3,963
Univ. Village II - South (addtn.)	2004	2024	33,000	\$2.32	\$76,481	\$3,824
Univ. Village - Visitor Parking	2001	2021	13,500	\$2.32	\$31,288	\$1,564
Univ. Village III	2005	2025	125,607	\$2.32	\$291,109	\$14,555
University Village IV	2007	2027	37,000	\$2.32	\$85,752	\$4,288
West Complex / Doan (concrete)	1994	2014	13,500	\$2.32	\$31,288	\$1,564
Wickes Circle	2001	2021	29,025	\$2.32	\$67,269	\$3,363
Totals:	Lifespan: 20 years		2,765,943		\$6,410,295	\$320,515

Area	Roads					
	Install Date	Replacement Date	Square Feet	Cost per Square Foot	Total Replacement Cost	Annual Cost
College Dr.-West of Collings West	2004	2024	25,000	\$2.29	\$57,367	\$2,868
College Dr.-East of Collings West	2012	2032	115,000	\$2.29	\$263,887	\$13,194
Fox Drive	2012	2032	7,000	\$2.29	\$16,063	\$803
University Drive	1996	2016	42,000	\$2.29	\$96,376	\$4,819
South Campus Entrance Drive	2008	2028	28,000	\$2.29	\$64,251	\$3,213
Collings - East & North of Fox	2012	2032	70,000	\$2.29	\$160,627	\$8,031
Collings - West & North of Fox	2012	2032	70,000	\$2.29	\$160,627	\$8,031
Davis Road	2008	2028	64,000	\$2.29	\$146,859	\$7,343
Drive to Football Field & Track	2006	2026	20,000	\$2.29	\$45,893	\$2,295
Non-Motorized Pathway	2008	2028	116,000	\$2.29	\$266,182	\$13,309
Pine Grove Lane	2010	2030	40,000	\$2.87	\$114,733	\$5,737
Pine Grove West Lane	2008	2028	26,000	\$2.29	\$59,661	\$2,983
Totals:	Lifespan: 20 years		623,000		1,452,526	72,626

Sidewalks

Area	Install Date	Replacement Date	Square Feet	Cost per Square Foot	Total Replacement Cost	Annual Cost
Sidewalks - A	1968	1998	42,000	\$7.82	\$328,393	\$10,946
Sidewalks - B	1987	2017	166,506	\$7.82	\$1,301,891	\$43,396
Sidewalks - C	1995	2025	44,830	\$7.82	\$350,521	\$11,684
Sidewalks - D	2000	2030	149,040	\$7.82	\$1,165,327	\$38,844
Sidewalks - E	2004	2034	137,301	\$7.82	\$1,073,541	\$35,785
Sidewalks - F	2007	2037	60,000	\$7.81	\$468,857	\$15,629
Sidewalks - 2013	2013	2043	12,000	\$7.82	\$93,811	\$3,127
Sidewalks - Pine Grove West	2008	2038	40,800	\$7.81	\$318,704	\$10,623
Sidewalks - Ryder Fieldhouse	2014	2044	13,000	\$7.82	\$101,616	\$3,387
Sidewalks - University HealthCare	2009	2039	1,000	\$7.81	\$7,811	\$260
Sidewalks - Health Science	2010	2040	17,000	\$7.81	\$132,808	\$4,427
Sidewalks - C-Lot	2010	2040	7,600	\$7.81	\$59,373	\$1,979
Wickes Stadium - Concrete	2011	2041	19,971	\$7.81	\$156,040	\$5,201
Totals:	Lifespan: 30 years		711,048		\$5,558,693	\$185,290

Exterior Facilities and Appurtenances

Area	Install Date	Replacement Date	Sq. Ft. or Unit	Cost per Sq. Ft. or Unit	Total Replacement Cost	Annual Cost
Landscaping						
Planting Beds	2005	2025	204,200	\$6.90	\$1,408,057	\$70,403
International Sculpture Gardens	2007	2037	4,000		\$393,998	\$13,133
Museum Gardens	2013	2043	15,000	\$18.75	\$281,210	\$9,374
Athletic Fields						
Soccer	2009	2039	2 Fields	\$19,547	\$39,094	\$1,303
Tennis Courts	2010	2030	6 Courts	\$101,081	\$606,485	\$30,324
Wickes Football Field Turf	2011	2021	80,000	\$7.17	\$573,667	\$57,367
Softball / Baseball Fields	1990	2020	430,000	\$1.09	\$468,686	\$15,623
Driving Range	1990	2020	156,000	\$0.31	\$48,326	\$1,611
Intramural Fields	2008	2038	246,000	\$0.31	\$75,429	\$2,514
Housing Recreational Fields	2005	2025	3 b-ball/3 v-ball	\$23,457	\$140,740	\$7,037
Outdoor Facilities						
Football Stadium Bleacher Area	1995	2030	17,800	\$43.93	\$781,980	\$22,342
Amphitheatre & Bell Tower	1996	2046			\$819,121	\$16,382
Soccer Bleachers	2007	2042	200	\$43.93	\$8,786	\$251
Baseball Bleachers	2007	2042	4,500	\$43.93	\$197,692	\$5,648
Softball Bleachers	2007	2042	2,400	\$43.93	\$105,435	\$3,012
Site Furnishings						
Benches	2004	2019	82	\$2,346	\$192,345	\$12,823
Trash Cans	2004	2019	160	\$626	\$100,082	\$6,672
Directory Signs	1990	2020	15	\$3,909	\$58,642	\$1,955
Information Kiosks	1990	2020	2	\$7,819	\$15,638	\$521
University Village Signs	2009	2024	2	\$3,128	\$6,255	\$417
Pine Grove Signs	2009	2024	1	\$3,128	\$3,128	\$209
College of Education Sign	2003	2023	1	\$3,128	\$3,128	\$156
Main Entrance Sign	2004	2024	1	\$547,322	\$547,322	\$27,366
Cardinal Events Sign	2012	2022	1	\$70,129	\$70,129	\$7,013
I Love SVSU Sign	2014	2034	1	\$8,360	\$8,360	\$418
Bicycle Racks	2007	2027	90	\$326	\$29,321	\$1,466
Night/Day Fountain	1987	2017	1	\$127,507	\$127,507	\$4,250
Gazelle Fountain	1975	2005	1	\$95,631	\$95,631	\$3,188
North & South Pond Fountains	2011	2021	2	\$22,086	\$44,172	\$4,417
Otter Fountain	2013	2043	1	\$16,873	\$16,873	\$562
Secondary Entrance Signs	2007	2027	3	\$15,301	\$45,903	\$2,295
University HealthCare Signs	2009	2029	2	\$33,983	\$67,965	\$3,398
Totals:	Lifespan: Varies				\$7,381,106	\$333,452

Site Data / Telecommunications

Description	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Duct Banks	1966	2046	Included in 8320 Volt System	
Copper Cables	1985	2035	\$359,479	\$7,190
Fiber	1996	2046	\$363,863	\$7,277
Aerial Fiber (24 Miles)	2005	2055	\$434,382	\$8,688
Totals:	Lifespan: 50 or 80 years		\$1,157,724	\$23,154

Description	Site Lighting					
	Average Install Date	Replacement Date	Linear Feet or Count	Cost per Unit	Total Replacement Cost	Annual Cost
Raceways	1996	2026	80,210	\$12.92	\$1,036,056	\$34,535
Fixtures	2013	2043	1,050	\$3,128	\$3,283,931	\$109,464
Totals:	Lifespan: 30 years		81,260		\$4,319,988	\$144,000