



SAGINAW VALLEY

STATE UNIVERSITY.

Five-Year Capital Outlay Plan

FY 2022 – FY 2026

A handwritten signature in black ink, appearing to read 'Donald J. Bachand', written over a solid black horizontal line.

Donald J. Bachand
President

I. Mission & Vision Statements

Mission

We transform lives through educational excellence and dynamic partnerships, unleashing possibilities for impact in our community and worldwide.

Vision

We will be renowned for our innovative teaching, experiential learning and state-of-the art facilities and be the first choice for those striving for personal and professional success.

Core Values

We value:

- Passion for academic exploration and achievement
- Supportive environments focused on student success
- Diversity and inclusivity
- High standards for ethical behavior and financial stewardship
- A safe, friendly and respectful campus climate
- Community engagement

II. Instructional Programming

Undergraduate Degrees

Graduate Degrees

COLLEGE OF ARTS & BEHAVIORAL SCIENCES

Bachelor of Arts (B.A.)
 Bachelor of Fine Arts (B.F.A.)
 Bachelor of General Studies (B.G.S.)

Master of Arts

- Communication and Media Administration (M.A.)
- Public Administration (M.A.)

Certificate

- Student Affairs Administration Certificate

SCOTT L. CARMONA COLLEGE OF BUSINESS

Bachelor of Arts (B.A.)
 Bachelor of Business Administration (B.B.A.)
 Bachelor of Professional Accountancy (B.P.A.)

Master of Business Administration (M.B.A.)

COLLEGE OF EDUCATION

Bachelor of Arts (B.A.)
 Bachelor of Science (B.S.)

Education Specialist – Educational Leadership (Ed.S.)
 Master of Arts in Teaching

- Early Childhood Classroom Teaching (M.A.T.)
- K-12 Literacy Specialist (M.A.T.)
- Special Education (M.A.T.)

Master of Education - Principalship (M.Ed.)
 Master of Arts

- Technology Learning Systems and Design (M.A.)
- Teaching Chinese as a Foreign Language (M.A.)

Teacher Certification Program
 Endorsements

- Autism Spectrum Disorder (K-12) Endorsement
- Cognitive Impairment (K-12) Endorsement
- Learning Disabilities (K-12) Endorsement

Certificate

- Online Training & Design Certificate

Specialization

- Urban Teaching Specialization

CRYSTAL M. LANGE COLLEGE OF HEALTH & HUMAN SERVICES

Bachelor of Science (B.S.)
 Bachelor of Science in Nursing (B.S.N.)
 Bachelor of Social Work (B.S.W.)

Doctor of Nursing Practice (D.N.P.)
 Master of Science in Nursing (M.S.N.)
 Master of Science in Occupational Therapy (M.S.O.T.)
 Master of Social Work (M.S.W.)
 Master of Science (M.S.)

- Master in Public Health (M.S.)
- Health Administration & Leadership (M.S.)

Post-Graduate Certificate

- Psychiatric Mental Health Nurse Practitioner
- Primary Care Family Nurse Practitioner Certificate
- Nursing Administration Certificate
- Nursing Education Certificate

Certificate

- Health Administration Leadership Certificate

COLLEGE OF SCIENCE, ENGINEERING, TECHNOLOGY

Bachelor of Science (B.S.)
 Bachelor of Science in Electrical Engineering (B.S.E.E.)
 Bachelor of Science in Mechanical Engineering (B.S.M.E.)

Master of Science (M.S.)

- Computer Science & Information Systems (M.S.)

III. Staffing and Enrollment

Student Enrollment Fall 2020

<u>College</u>	<u>Full-Time</u>	<u>Part-Time</u>	<u>Total</u>
College of Arts & Behavioral Sciences	1,257	263	1,520
College of Business & Management	913	168	1,081
College of Education	593	335	928
College of Science, Engineering & Technology	1,190	248	1,438
Crystal M. Lange College of Health & Human Services	2,081	645	2,726
Others			
Non-Degree	2		2
Undeclared	<u>237</u>	<u>98</u>	<u>335</u>
Totals	<u>6,273</u>	<u>1,757</u>	<u>8,030</u>

SVSU, as other regional universities, underwent a drop-in student enrollment due to the decline in high school graduates. Given the demographics, our institution is anticipating our enrollment to range between 7,800 to 8,200 or more for the next several years and potentially increasing by the early 2020's.

Fall semester 2016	9,165
Fall semester 2017	8,662
Fall semester 2018	8,535
Fall semester 2019	8,265
Fall semester 2020	8,030
(Projected) Fall semester 2021	8,030

**Faculty/Staff Student Credit Hour Ratio
Fall 2020**

	<u>FTE</u>	<u>Credit Hours (CH)</u>	<u>Ratio: CH/FTE</u>
College of Arts & Behavioral Sciences			
Faculty	144.7	38,545	266
Administrative/Secretarial	5.5		7,008
Scott L. Carmona College of Business			
Faculty	37.4	10,815	289
Administrative/Secretarial	6.5		1,664
College of Education			
Faculty	24.7	4,897	198
Administrative/Secretarial	5.1		960
College of Science, Engineering & Technology			
Faculty	96.4	24,801	257
Administrative/Secretarial	7.6		3,263
Crystal M. Lange College of Health & Human Services			
Faculty	75.7	18,322	242
Administrative/Secretarial	20.8		881

Fall 2020 - Average Class Size

IV. Facility Assessment

See Attached

Facilities Assessment & Deferred Maintenance Capital Planning Report

V. Implementation Plan

SAGINAW VALLEY STATE UNIVERSITY FY2022 CAPITAL OUTLAY PROJECT REQUEST BROWN HALL RENOVATION PROJECT

Priority Rank #1

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

A. Project Description Narrative

Saginaw Valley State University (SVSU) is seeking \$12 million in state support to assist with a 64,000 sq. ft. renovation to Brown Hall. Brown Hall is a three-story academic building, constructed over 30 years ago, that contains traditional, general-purpose classrooms along with psychology research laboratories, computer labs and faculty offices. This capital improvement project is intended to modernize an aging academic facility and its infrastructure into an efficient, active and vibrant learning environment.

Describe the scope of the project.

Brown Hall was constructed in 1986 along with Zahnnow Library and the Science West academic facility as part of the second State funded building project known as Instructional Facility #2 (IF-2). Upon construction, these buildings were joined through a second-floor connector to the Wickes Hall administration building to the west and Pioneer Hall, an academic building, to the south establishing a seamless interior connection for ease of access between spaces.

The building's infrastructure (HVAC systems, water lines, electrical, etc.), furniture, and technology are near or in some cases at their end of useful life. The building's classroom and lab designs are antiquated and do not support a 21st century learning environment. **The facility serves a variety of departments central to general education requirements for all students and key majors such as psychology, criminal justice and communications.**

B. Other Alternatives Considered

The only alternative to the proposed Brown Hall renovation would be new construction. Although this choice would afford more design options and be less taxing and disruptive to ongoing academic operations, it was determined a complete renovation of an existing, well positioned structure would be most cost-effective. The renovation of Brown Hall is a sound investment that will have a positive long-term impact on Saginaw Valley State University and the community we serve.

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

The goal of this renovation project is to replace the aging infrastructure, re-design labs and classrooms to address infrastructure deficiencies and to develop an active, technology-rich learning environment. Classrooms and furniture will support active learning pedagogies with mobile furniture, multiple short throw projectors, whiteboards, in-room lap top charging stations and AV equipment and presentation lecterns with document cameras. Collaboration spaces outside of the classroom are to be formed to support active learning.

Maximizing the functionality of Brown Hall and improving the efficiency and function of the facility is consistent with the University's mission and vision.

D. Match Resources

The Brown Hall Renovation project is estimated to cost \$19.75 million. SVSU will commit \$7.75 million to the realization of this project which accounts for 39% of the total cost. The requested State of Michigan share is \$12 million (or 61%).

**Capital Outlay Project Request
Brown Hall Renovation
Project Budget**

Professional Fees	\$ 1,550,000
Construction Costs	14,997,000
New Equipment & Technology	2,003,000
Furniture	832,000
Miscellaneous	<u>368,000</u>
Total	<u>\$19,750,000</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	Brown Hall Renovation	64,000	\$ 19,750,000	\$ 12,000,000	--	May 2022	Aug. 2023	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
FY 2022 - FY 2026**

	Project Period	Project Cost Estimate	Funding Sources			
			General Fund	State of Michigan	Self Supporting	Other
Academic and Other Facilities						
Brown Hall Renovation	FY22-FY24	\$ 19,750,000		\$ 12,000,000		\$ 7,750,000 *
Science West Renovation	FY23-FY24	5,000,000				5,000,000
Alumni Relations Project	FY23-FY24	6,000,000				6,000,000
Major Expansion, Maintenance & Renovation						
Energy Conservation Initiatives	FY22-FY26	6,000,000				6,000,000
Campus Infrastructure/Deferred Maintenance	FY22-FY26	36,000,000			\$ 21,000,000	15,000,000
Technology	FY22-FY26	8,000,000				8,000,000
		<u>\$ 80,750,000</u>	<u>\$ -</u>	<u>\$ 12,000,000</u>	<u>\$ 21,000,000</u>	<u>\$ 47,750,000</u>

* University match at 39%



Facilities Assessment &
Deferred Maintenance Capital Planning Report
Updated - October 26, 2020

Deferred Maintenance

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Page	Category	Total Replacement Cost
2.	Roofs	\$11,948,565
3.	Structure / Glazing / Cladding	\$146,915,786
4.	Ceilings / Doors / Frames	\$43,276,129
5.	Carpet	\$10,657,760
6.	Furniture	\$27,178,821
7.	Plumbing / Electrical	\$104,618,140
8.	Lighting / Voice / Data / Clock / Alarm	\$66,978,692
9.	HVAC	\$100,362,179
10.	Furnaces / Condensing Units	\$4,796,726
11.	Water Heaters	\$314,197
12.	Appliances	\$3,349,821
13.	Boilers	\$13,778,265
14.	Chillers / Cooling Towers	\$5,367,485
15.	Utilities	\$20,249,927
16.	8320 Volt System	\$25,429,830
17. - 21.	Food Service Equipment	\$1,496,429
22.	AV Equipment	\$2,362,756
23.	I.T. Equipment	\$11,511,259
24.	Parking Lots	\$7,916,285
25.	Roads	\$1,805,717
26.	Sidewalks	\$6,823,671
27.	Exterior Facilities / Furnishings	\$9,901,256
28.	Site Data / Telecommunications	\$1,388,111
29.	Site Lighting	\$5,387,816
Totals:		\$633,815,625

Roofs

Building	Install Date	Average Replacement Date	Square Feet	Cost per Square Foot	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	2006	2021	64,900	\$7.50	\$486,809	\$32,454
Athletic Football Concessions Bldgs.	2015	2045	1,800	\$7.50	\$13,502	\$450
Athletic Storage Bldgs. East & West	2015	2045	3,400	\$7.50	\$25,503	\$850
Bell Tower	--	--	--	--	--	--
Brown Hall	1999	2019	27,000	\$7.50	\$202,525	\$10,126
Campus Recreation Center/Fitness Center	2010	2030	35,000	\$7.50	\$262,532	\$13,127
Carmona College of Business	2020	2035	13,639	\$20.60	\$280,963	\$18,731
Children's Center	2008	2023	2,900	\$6.56	\$19,029	\$1,269
Concession Building	2006	2026	3,312	\$7.50	\$24,843	\$1,242
Doan Center	1994	2014	46,300	\$7.50	\$347,292	\$17,365
Founders Hall	1995	2025	8,400	\$6.56	\$55,120	\$1,837
Gilbertson Hall (REC)	2003	2023	69,700	\$7.50	\$522,814	\$26,141
Great Lakes A - E	2006	2026	19,000	\$7.50	\$142,517	\$7,126
Grounds Building	2002	2052	6,500	\$19.62	\$127,510	\$2,550
Hamilton Gym	1997	2017	22,500	\$7.50	\$168,771	\$8,439
Health & Human Services	2010	2030	71,433	\$7.50	\$535,813	\$26,791
Living Center North (Brandimore House)	1999	2019	44,000	\$6.56	\$288,722	\$14,436
Living Center South	2004	2024	44,000	\$6.56	\$288,722	\$14,436
Living Center Southwest	2009	2029	35,000	\$6.56	\$229,665	\$11,483
Observatory	--	--	--	--	--	--
Pine Grove Central	2002	2022	27,000	\$6.56	\$177,170	\$8,859
Pine Grove East	2015	2045	21,200	\$6.56	\$139,112	\$4,637
Pine Grove West	2008	2028	38,000	\$6.56	\$249,351	\$12,468
Pioneer Hall	2007	2027	46,500	\$7.50	\$348,793	\$17,440
President's Residence	2019	2049	4,000	\$6.56	\$26,247	\$875
Ryder Center	2013	2033	152,800	\$7.50	\$1,146,140	\$57,307
Ryder Center - Fieldhouse	2014	2064	144,000	\$7.50	\$1,080,132	\$21,603
Science Building - East	2018	2033	46,000	\$7.50	\$345,042	\$23,003
Science Building - West	1999	2019	32,400	\$7.50	\$243,030	\$12,151
Soccer Pressbox	2017	2037	312	\$7.50	\$2,340	\$117
Softball Pressbox	2016	2036	240	\$7.50	\$1,800	\$90
South Campus Complex - Bldg. A	1993	2043	27,300	\$19.62	\$535,541	\$10,711
South Campus Complex - Bldg. B ('66)	2000	2015	19,300	\$7.50	\$144,768	\$9,651
South Campus Complex - Bldg. C ('68)	2000	2015	20,400	\$7.50	\$153,019	\$10,201
Student Center	2003	2023	34,000	\$7.50	\$255,031	\$12,752
Studio	2006	2026	9,900	\$7.50	\$74,259	\$3,713
Tranquil Hall F & G	1995	2015	7,100	\$7.50	\$53,256	\$2,663
University HealthCare	2009	2029	15,520	\$7.50	\$116,414	\$5,821
University Village I	2000	2020	51,100	\$6.56	\$335,312	\$16,766
University Village II	2001	2021	71,200	\$6.56	\$467,205	\$23,360
University Village III	2005	2025	47,312	\$6.56	\$310,455	\$15,523
University Village IV	2007	2027	41,500	\$6.56	\$272,318	\$13,616
West Complex	2013	2033	124,200	\$7.50	\$931,614	\$46,581
Wickes Hall	2015	2035	40,200	\$7.50	\$301,537	\$15,077
Wickes Memorial Stadium	1991/2014	2011/2034	1,600	\$7.50	\$12,001	\$600
Zahnow Amphitheatre	--	--	--	--	--	--
Zahnow Library	2003	2023	27,200	\$7.50	\$204,025	\$10,201
Totals:		Lifespan: 15, 20, 30 or 50 yrs.	1,569,068		\$11,948,565	\$564,635

Structure / Glazing / Cladding / Walls

Building	Average	Average	Total	Annual
	Install	Replacement	Replacement	
	Date	Date	Cost	Cost
Arbury Fine Arts Center	1990	2065	\$6,786,069	\$90,481
Bell Tower	1998	2073	\$71,998	\$960
Brown Hall	1986	2061	\$4,130,885	\$55,078
Campus Recreation Center/Fitness Center	2007	2082	\$3,024,151	\$40,322
Carmona College of Business	2020	2095	\$6,255,221	\$83,403
Children's Center	1980	2055	\$104,719	\$1,396
Concession Building	2006	2081	\$317,874	\$4,238
Doan Center	1983	2058	\$3,161,451	\$42,153
Founders Hall	1995	2070	\$384,785	\$5,130
Gilbertson Hall (REC)	2003	2078	\$8,951,577	\$119,354
Great Lakes A - E	1974	2049	\$3,180,152	\$42,402
Grounds Building	2002	2077	\$281,245	\$3,750
Hamilton Gym	1971	2046	\$2,331,520	\$31,087
Health & Human Services	2010	2085	\$7,120,504	\$94,940
Living Center North (Brandimore House)	1999	2074	\$5,904,157	\$78,722
Living Center South	2004	2079	\$5,904,157	\$78,722
Living Center Southwest	2009	2084	\$4,438,306	\$59,177
Observatory	1973	2048	\$33,187	\$442
Pine Grove Central	1995	2070	\$1,423,277	\$18,977
Pine Grove East	1997	2072	\$702,109	\$9,361
Pine Grove West	2008	2083	\$2,196,743	\$29,290
Pioneer Hall	2007	2082	\$4,535,111	\$60,468
President's Residence	1975	2050	\$271,498	\$3,620
Ryder Center	1989	2064	\$13,604,555	\$181,394
Ryder Center - Fieldhouse	2014	2089	\$4,385,348	\$58,471
Science Building - East	2001	2076	\$5,999,905	\$79,999
Science Building - West	1990	2065	\$3,749,941	\$49,999
Soccer Pressbox	2017	2092	\$196,691	\$2,623
Softball Pressbox	2010	2085	\$53,508	\$713
SCC-A	1986	2061	\$1,530,694	\$20,409
SCC-B	1970	2045	\$961,452	\$12,819
SCC-C	1968	2043	\$1,031,076	\$13,748
Student Center	2003	2078	\$2,701,364	\$36,018
Studio	2006	2081	\$740,238	\$9,870
Tranquil Hall F & G	1974	2049	\$1,882,290	\$25,097
University HealthCare	2009	2084	\$1,055,008	\$14,067
University Village I	2000	2075	\$2,571,586	\$34,288
University Village II	2001	2076	\$3,428,781	\$45,717
University Village III	2005	2080	\$2,285,854	\$30,478
University Village IV	2007	2082	\$2,000,122	\$26,668
West Complex	1996	2071	\$13,654,795	\$182,064
Wickes Hall	1972	2047	\$5,625,461	\$75,006
Wickes Memorial Stadium	1991	2066	\$307,660	\$4,102
Zahnnow Amphitheatre	--	--	--	--
Zahnnow Library	2002	2077	\$7,638,758	\$101,850
Totals:	Lifespan:	75 years	\$146,915,786	\$1,958,877

Ceilings / Doors / Floors

Building	Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	2010	2040	\$1,899,505	\$63,317
Bell Tower	--	--	--	
Brown Hall	1987	2017	\$917,976	\$30,599
Campus Recreation Center/Fitness Center	2007	2037	\$862,112	\$28,737
Carmona College of Business	2020	2050	\$1,230,162	\$41,005
Concession Building	2006	2036	\$71,992	\$2,400
Doan Center	2005	2035	\$936,726	\$31,224
Founders Hall	1995	2025	\$142,513	\$4,750
Gilbertson Hall (REC)	2005	2035	\$2,652,319	\$88,411
Great Lakes A - E	2008	2038	\$942,266	\$31,409
Grounds Building	2002	2032	\$74,999	\$2,500
Hamilton Gym	2005	2035	\$723,575	\$24,119
Health & Human Services	2010	2040	\$1,977,918	\$65,931
Living Center North (Brandimore House)	1999	2029	\$1,749,377	\$58,313
Living Center South	2004	2034	\$1,749,377	\$58,313
Living Center Southwest	2009	2039	\$1,447,907	\$48,264
Observatory	1973	2003	\$1,688	\$56
Pine Grove Central	1988	2018	\$421,713	\$14,057
Pine Grove East	1997	2027	\$208,034	\$6,934
Pine Grove West	2008	2038	\$705,036	\$23,501
Pioneer Hall	2007	2037	\$1,260,374	\$42,012
President's Residence	1975	2005	\$80,444	\$2,681
Ryder Center	1992	2022	\$5,160,348	\$172,012
Ryder Center - Fieldhouse	2014	2044	\$501,183	\$16,706
Science Building - East	2001	2031	\$2,699,957	\$89,999
Science Building - West	1997	2027	\$1,199,982	\$39,999
Soccer Pressbox	2017	2047	\$3,278	\$109
Softball Pressbox	2007	2037	\$3,363	\$112
SCC-A	1987	2017	\$405,185	\$13,506
SCC-B	1979	2009	\$226,223	\$7,541
SCC-C	1984	2014	\$242,606	\$8,087
Student Center	2003	2033	\$800,404	\$26,680
Studio	2006	2036	\$211,497	\$7,050
Tranquil Hall F & G	2008	2038	\$470,573	\$15,686
University HealthCare	2009	2039	\$291,037	\$9,701
University Village I	2000	2030	\$761,952	\$25,398
University Village II	2001	2031	\$1,015,937	\$33,865
University Village III	2005	2035	\$677,291	\$22,576
University Village IV	2007	2037	\$592,630	\$19,754
West Complex	1996	2026	\$4,230,421	\$141,014
Wickes Hall	2012	2042	\$1,666,804	\$55,560
Wickes Memorial Stadium	1991	2021	\$28,619	\$954
Zahnow Amphitheatre	--	--	--	
Zahnow Library	2004	2034	\$2,030,829	\$67,694
Totals:	Lifespan:	30 years	\$43,276,129	\$1,442,538

Carpet

Building	Install Date	Average Replacement Date	Square Feet	Cost per Square Foot	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	2008	2021	15,800	\$8.44	\$133,351	\$10,258
Bell Tower	--	--	--	--	--	--
Brown Hall	2000	2012	33,700	\$8.44	\$284,427	\$23,702
Campus Recreation Center/Fitness Center	2010	2023	5,000	\$8.44	\$42,200	\$3,246
Carmona College of Business	2020	2033	36,574	\$8.44	\$308,527	\$23,733
Concession Building	--	--	--	--	--	--
Doan Center	2005	2018	17,350	\$8.44	\$146,433	\$11,264
Founders Hall	1996	2009	2,800	\$8.44	\$23,632	\$1,818
Gilbertson Hall (REC)	2003	2016	78,975	\$8.44	\$666,546	\$51,273
Great Lakes A - E	2008	2021	34,750	\$8.44	\$293,289	\$22,561
Grounds Building	--	--	--	--	--	--
Hamilton Gym	--	--	--	--	--	--
Health & Human Services	2010	2023	55,000	\$8.44	\$464,198	\$35,708
Living Center North (Brandimore House)	2011	2024	76,340	\$8.44	\$644,307	\$49,562
Living Center South	2004	2017	76,340	\$8.44	\$644,307	\$49,562
Living Center Southwest	2009	2022	64,000	\$8.44	\$540,158	\$41,551
Observatory	--	--	--	--	--	--
Pine Grove Central	2003	2016	24,650	\$8.44	\$208,045	\$16,003
Pine Grove East	2011	2024	14,550	\$8.44	\$122,801	\$9,446
Pine Grove West	2008	2021	53,000	\$8.44	\$447,318	\$34,409
Pioneer Hall	2007	2020	25,700	\$8.44	\$216,907	\$16,685
President's Residence	2014	2027	4,500	\$8.44	\$37,980	\$2,922
Ryder Center	2010	2023	35,250	\$8.44	\$297,509	\$22,885
Ryder Center - Fieldhouse	2014	2027	14,000	\$8.44	\$118,159	\$9,089
Science Building - East	2011	2024	60,850	\$8.44	\$513,572	\$39,506
Science Building - West	2019	2032	27,938	\$8.44	\$235,796	\$18,138
Softball Pressbox	--	--	--	--	--	--
SCC-A	2013	2026	23,100	\$8.44	\$194,963	\$14,997
SCC-B	2013	2026	3,500	\$8.44	\$29,540	\$2,272
SCC-C	2013	2026	8,375	\$8.44	\$70,685	\$5,437
Student Center	2003	2016	6,700	\$8.44	\$56,548	\$4,350
Studio	2006	2019	1,150	\$8.44	\$9,706	\$747
Tranquil Hall F & G	2008	2021	14,000	\$8.44	\$118,159	\$9,089
University HealthCare	2009	2022	9,500	\$8.44	\$80,180	\$6,168
University Village I	2000	2013	37,625	\$8.44	\$317,554	\$24,427
University Village II	2001	2014	51,925	\$8.44	\$438,245	\$33,711
University Village III	2005	2018	34,850	\$8.44	\$294,133	\$22,626
University Village IV	2007	2020	30,300	\$8.44	\$255,731	\$19,672
West Complex	2008	2021	125,700	\$8.44	\$1,060,903	\$81,608
Wickes Hall	2015	2028	78,300	\$8.44	\$660,849	\$50,835
Wickes Memorial Stadium	--	--	--	--	--	--
Zahnow Amphitheatre	--	--	--	--	--	--
Zahnow Library	2015	2028	80,700	\$8.44	\$681,105	\$52,393
Totals:	Lifespan:	13 years	1,262,792		\$10,657,760	\$821,651

Furniture

Building	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	1999	2013	\$497,804	\$35,557
Brown Hall	1987	2001	\$1,216,387	\$86,885
Campus Recreation Center/Fitness Center	2010	2024	\$27,513	\$1,965
Carmona College of Business	2020	2034	\$679,800	\$48,557
Concession Building	2006	2020	\$37,152	\$2,654
Doan Center	2005	2019	\$78,749	\$5,625
Founders Hall	1995	2009	\$104,436	\$7,460
Gilbertson Hall (REC)	2003	2017	\$2,812,456	\$200,890
Great Lakes A - E	1999	2013	\$581,867	\$41,562
Grounds Building	2002	2016	\$34,687	\$2,478
Hamilton Gym	2004	2018	\$133,169	\$9,512
Health & Human Services	2010	2024	\$1,428,339	\$102,024
Living Center North (Brandimore House)	1999	2013	\$1,276,011	\$91,144
Living Center South	2004	2018	\$1,276,011	\$91,144
Living Center Southwest	2009	2023	\$749,419	\$53,530
Pine Grove Central	2003	2017	\$800,335	\$57,167
Pine Grove East	2007	2021	\$595,525	\$42,537
Pine Grove West	2008	2022	\$712,458	\$50,890
Pioneer Hall	2007	2021	\$1,146,611	\$81,901
Ryder Center	1991	2005	\$425,994	\$30,428
Ryder Center - Fieldhouse	2014	2028	\$37,588	\$2,685
Science Building - East	2001	2015	\$1,217,090	\$86,935
Science Building - West	1990	2004	\$1,159,341	\$82,810
Softball Pressbox	2006	2020	\$2,446	\$175
SCC-A	1992	2006	\$765,926	\$54,709
SCC-B	1996	2010	\$181,122	\$12,937
SCC-C	1987	2001	\$133,872	\$9,562
Student Center	2003	2017	\$346,870	\$24,776
Tranquil Hall F & G	1997	2011	\$245,618	\$17,544
University HealthCare	2009	2023	\$130,966	\$9,355
University Village I	2000	2014	\$698,194	\$49,871
University Village II	2001	2015	\$899,948	\$64,282
University Village III	2006	2020	\$578,695	\$41,335
University Village IV	2007	2021	\$524,998	\$37,500
West Complex	1996	2010	\$2,751,906	\$196,565
Wickes Hall	2004	2018	\$1,952,031	\$139,431
Zahnow Library	2016	2030	\$937,485	\$66,963
Totals:	Lifespan:	14 years	\$27,178,821	\$1,941,344

Plumbing / Electrical

Building	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	2005	2055	\$4,171,298	\$83,426
Bell Tower	1998	2048	\$14,399	\$288
Brown Hall	1986	2036	\$2,294,934	\$45,899
Campus Recreation Center/Fitness Center	2007	2057	\$2,206,179	\$44,124
Carmona College of Business	2020	2070	\$1,590,320	\$31,806
Concession Building	2006	2056	\$242,803	\$4,856
Doan Center	1993	2043	\$2,341,816	\$46,836
Founders Hall	1995	2045	\$285,026	\$5,701
Gilbertson Hall (REC)	2003	2053	\$6,630,799	\$132,616
Great Lakes A - E	1976	2026	\$2,355,668	\$47,113
Grounds Building	2002	2052	\$134,998	\$2,700
Hamilton Gym	1971	2021	\$1,607,944	\$32,159
Health & Human Services	2010	2060	\$5,142,586	\$102,852
Living Center North (Brandimore House)	1999	2049	\$4,373,449	\$87,469
Living Center South	2004	2054	\$4,373,449	\$87,469
Living Center Southwest	2009	2059	\$2,983,124	\$59,662
Observatory	1973	2023	\$3,375	\$67
Pine Grove Central	1987	2037	\$1,054,281	\$21,086
Pine Grove East	1997	2047	\$520,079	\$10,402
Pine Grove West	2008	2058	\$1,929,572	\$38,591
Pioneer Hall	2007	2057	\$3,150,933	\$63,019
President's Residence	1988	2038	\$201,109	\$4,022
Ryder Center	1989	2039	\$10,789,825	\$215,796
Ryder Center - Fieldhouse	2014	2064	\$3,007,095	\$60,142
Science Building - East	2001	2051	\$6,749,894	\$134,998
Science Building - West	1993	2043	\$3,187,450	\$63,749
Softball Pressbox	2007	2057	\$4,586	\$92
SCC-A	1992	2042	\$900,405	\$18,008
SCC-B	1987	2037	\$565,559	\$11,311
SCC-C	1980	2030	\$606,516	\$12,130
Student Center	2003	2053	\$2,001,011	\$40,020
Studio	2000	2050	\$528,741	\$10,575
Tranquil Hall F & G	1971	2021	\$941,145	\$18,823
University HealthCare	2009	2059	\$654,832	\$13,097
University Village I	2000	2050	\$1,904,880	\$38,098
University Village II	2001	2051	\$2,539,840	\$50,797
University Village III	2005	2055	\$1,693,227	\$33,865
University Village IV	2007	2057	\$1,481,574	\$29,631
West Complex	2000	2050	\$11,047,126	\$220,943
Wickes Hall	2000	2050	\$4,167,009	\$83,340
Wickes Memorial Stadium	1991	2041	\$143,098	\$2,862
Zahnow Amphitheatre	--	--	--	--
Zahnow Library	2017	2067	\$4,096,186	\$81,924
Totals:	Lifespan:	50 years	\$104,618,140	\$2,092,363

Lighting / Voice / Clock & Alarm Systems

Building	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	2010	2040	\$2,208,513	\$73,617
Bell Tower	1998	2028	\$4,799	\$160
Brown Hall	1990	2020	\$1,376,962	\$45,899
Campus Recreation Center/Fitness Center	2007	2037	\$1,344,068	\$44,802
Carmona College of Business	2020	2050	\$721,000	\$24,033
Concession Building	2006	2036	\$91,331	\$3,044
Doan Center	1980	2010	\$1,405,090	\$46,836
Founders Hall	1995	2025	\$142,513	\$4,750
Gilbertson Hall (REC)	2003	2033	\$3,978,479	\$132,616
Great Lakes A - E	2000	2030	\$1,413,401	\$47,113
Grounds Building	2002	2032	\$103,123	\$3,437
Hamilton Gym	1971	2001	\$964,767	\$32,159
Health & Human Services	2010	2040	\$3,164,668	\$105,489
Living Center North (Brandimore House)	2012	2042	\$2,624,066	\$87,469
Living Center South	2004	2034	\$2,624,066	\$87,469
Living Center Southwest	2009	2039	\$1,818,978	\$60,633
Observatory	1973	2003	\$4,499	\$150
Pine Grove Central	2019	2049	\$632,568	\$21,086
Pine Grove East	1997	2027	\$312,050	\$10,402
Pine Grove West	2008	2038	\$2,374,857	\$79,162
Pioneer Hall	2007	2037	\$1,835,495	\$61,183
President's Residence	1975	2005	\$120,665	\$4,022
Ryder Center	1990	2020	\$4,691,228	\$156,374
Ryder Center - Fieldhouse	2014	2044	\$269,386	\$8,980
Science Building - East	2001	2031	\$4,049,937	\$134,998
Science Building - West	1997	2027	\$1,799,971	\$59,999
Softball Pressbox	2007	2037	\$4,434	\$148
SCC-A	1988	2018	\$585,266	\$19,509
SCC-B	1982	2012	\$339,336	\$11,311
SCC-C	1981	2011	\$363,909	\$12,130
Student Center	2003	2033	\$1,200,606	\$40,020
Studio	2017	2047	\$237,934	\$7,931
Tranquil Hall F & G	2000	2030	\$564,687	\$18,823
University HealthCare	2009	2039	\$291,037	\$9,701
University Village I	2000	2030	\$2,830,401	\$94,347
University Village II	2001	2031	\$3,773,868	\$125,796
University Village III	2005	2035	\$2,515,912	\$83,864
University Village IV	2007	2037	\$2,201,424	\$73,381
West Complex	1996	2026	\$6,325,317	\$210,844
Wickes Hall	2011	2041	\$2,500,205	\$83,340
Wickes Memorial Stadium	1991	2021	\$121,633	\$4,054
Zahnaw Library	2017	2047	\$3,046,244	\$101,541
Totals:	Lifespan:	30 years	\$66,978,692	\$2,232,623

HVAC Equipment / HVAC Terminal Units

Building	Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	1987	2027	\$3,608,943	\$90,224
Brown Hall	1986	2026	\$2,868,671	\$71,717
Campus Recreation Center/Fitness Center	2010	2050	\$2,630,476	\$65,762
Carmona College of Business	2020	2060	\$1,030,000	\$25,750
Doan Center	1990	2030	\$2,927,269	\$73,182
Founders Hall	1995	2035	\$356,282	\$8,907
Gilbertson Hall (REC)	2003	2043	\$8,288,498	\$207,212
Great Lakes A - E	2004	2034	\$2,944,584	\$98,153
Hamilton Gym	See Ryder Center	--	--	--
Health & Human Services	2010	2050	\$5,933,754	\$148,344
Living Center North (Brandimore House)	1999	2029	\$5,466,812	\$182,227
Living Center South	2004	2034	\$5,466,812	\$182,227
Living Center Southwest	2009	2039	\$4,554,721	\$151,824
Pioneer Hall	2007	2037	\$3,938,745	\$131,292
Ryder Center	1989	2029	\$7,975,085	\$199,377
Ryder Center - Fieldhouse	2014	2054	\$751,774	\$18,794
Science Building - East	2001	2041	\$11,249,823	\$281,246
Science Building - West	1995	2035	\$3,562,443	\$89,061
Student Center	2003	2043	\$1,441,905	\$36,048
Studio	2001	2041	\$131,248	\$3,281
Tranquil Hall F & G	2004	2034	\$470,573	\$15,686
University Village I	2000	2030	\$393,181	\$13,106
West Complex	1996	2036	\$13,031,009	\$325,775
Wickes Hall	2000	2040	\$5,208,758	\$130,219
Zahnow Library	1997	2037	\$6,130,811	\$153,270
Totals:	Lifespan:	30 or 40 years	\$100,362,179	\$2,702,683

Furnaces & Condensing Units

Building	Install Date	Average Replacement Date	Number	Cost per Unit	Total Replacement Cost	Annual Cost
Concessions	2006	2023	2	\$6,562	\$13,124	\$772
Grounds Building	2002	2019	2	\$6,562	\$13,124	\$772
Pine Grove Central	2003	2020	82	\$6,562	\$538,073	\$31,651
Pine Grove East	1996	2013	32	\$6,562	\$209,980	\$12,352
Pine Grove West	2008	2025	114	\$6,562	\$748,053	\$44,003
President's Residence	2013	2030	4	\$6,562	\$26,247	\$1,544
SCC-A	2014	2031	39	\$6,562	\$255,913	\$15,054
SCC-B	2013	2030	15	\$6,562	\$98,428	\$5,790
SCC-C	2014	2031	20	\$6,562	\$131,237	\$7,720
University HealthCare	2009	2026	7	\$6,562	\$45,933	\$2,702
University Village I	2010	2027	86	\$6,562	\$564,321	\$33,195
University Village II	2001	2018	144	\$6,562	\$944,909	\$55,583
University Village III	2005	2022	100	\$6,562	\$656,187	\$38,599
University Village IV	2007	2024	84	\$6,562	\$551,197	\$32,423
Totals:	Lifespan:	17 years	731		\$4,796,726	\$282,160

Water Heaters

Building	Install Date	Average Replacement Date	Number	Cost per Unit	Total Replacement Cost	Annual Cost
Concessions	2006	2019	3	\$938	\$2,814	\$216
Grounds Building	2002	2015	1	\$938	\$938	\$72
Pine Grove Central	2003	2016	42	\$938	\$39,392	\$3,030
Pine Grove East	1996	2009	16	\$938	\$15,006	\$1,154
Pine Grove West	2008	2021	56	\$938	\$52,522	\$4,040
President's Residence	1994	2007	1	\$938	\$938	\$72
SCC-A	1989	2002	2	\$938	\$1,876	\$144
SCC-B	1994	2007	1	\$938	\$938	\$72
SCC-C	1992	2005	1	\$938	\$938	\$72
University HealthCare	2009	2022	1	\$938	\$938	\$72
University Village I	2000	2013	46	\$938	\$43,143	\$3,319
University Village II	2001	2014	73	\$938	\$68,467	\$5,267
University Village III	2005	2018	50	\$938	\$46,895	\$3,607
University Village IV	2007	2020	42	\$938	\$39,392	\$3,030
Totals:	Lifespan:	13 years	336		\$314,197	\$24,169

Appliances

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

Building	Install Date	Average	Number	Cost per Unit	Total	Annual Cost
		Replacement Date			Replacement Cost	
Concessions	2011	2026	6	\$844	\$5,063.98	\$338
Great Lakes A - E	2013	2028	135	\$844	\$113,939.47	\$7,596
Living Center North (Brandimore)	2004	2019	605	\$844	\$510,617.65	\$34,041
Living Center South	2009	2024	605	\$844	\$510,617.65	\$34,041
Living Center Southwest	2014	2029	460	\$844	\$388,238.21	\$25,883
Pine Grove Central	2008	2023	200	\$844	\$168,799.22	\$11,253
Pine Grove East	2001	2016	96	\$844	\$81,023.63	\$5,402
Pine Grove West	2013	2028	324	\$844	\$273,454.74	\$18,230
President's Residence	2000	2015	7	\$844	\$5,907.97	\$394
Tranquil Hall F & G	2013	2028	54	\$844	\$45,575.79	\$3,038
University HealthCare	2014	2029	7	\$844	\$5,907.97	\$394
University Village I	2005	2020	492	\$844	\$415,246.09	\$27,683
University Village II	2006	2021	432	\$844	\$364,606.32	\$24,307
University Village III	2010	2025	300	\$844	\$253,198.83	\$16,880
University Village IV	2012	2027	252	\$844	\$212,687.02	\$14,179
Totals:	Lifespan:	15 years			\$3,349,821	\$223,321

Boilers

Building	Install Date	Average Replacement Date	Number of Boilers	Cost Per Boiler	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	1986	2011	3	\$343,914	\$1,031,742	\$41,270
Arbury Fine Arts Center	2002	2017	1	\$137,566	\$137,566	\$9,171
Arbury Fine Arts Center	2004	2019	1	\$165,079	\$165,079	\$11,005
Arbury Fine Arts Center	2010	2025	1	\$165,079	\$165,079	\$11,005
Doan Center (DHW, HWH from WC)	2014	2039	2	\$165,079	\$330,157	\$13,206
Founders Hall (HWH)	2005	2020	2	\$28,629	\$57,259	\$3,817
Great Lakes A - E (HWH)	1999	2014	10	\$110,053	\$1,100,527	\$73,368
Great Lakes A - E (DWH)	1999	2014	5	\$137,566	\$687,828	\$45,855
Health & Human Services	2009	2024	2	\$165,079	\$330,157	\$22,010
Health & Human Services	2009	2024	1	\$110,053	\$110,053	\$7,337
Living Center North (Brandimore) (HWH)	1999	2014	3	\$206,348	\$619,045	\$41,270
Living Center North (Brandimore) (DWH)	1999	2014	2	\$110,053	\$220,105	\$14,674
Living Center South (DWH)	2003	2018	2	\$110,053	\$220,105	\$14,674
Living Center South (HWH)	2003	2018	3	\$206,348	\$619,045	\$41,270
Living Center Southwest (HWH)	2008	2023	4	\$165,079	\$660,314	\$44,021
Ryder Center - Fieldhouse	2014	2039	2	\$17,542	\$35,084	\$1,403
Ryder Center - Pool	2011	2026	2	\$110,053	\$220,105	\$14,674
Ryder Center (DWH)	2007	2022	1	\$123,809	\$123,809	\$8,254
Ryder Center (HWH)	2014	2039	5	\$200,473	\$1,002,363	\$40,095
Science Building - East (DWH)	1999	2014	1	\$110,053	\$110,053	\$7,337
Science Building - East (HWH)	2000	2015	3	\$275,131	\$825,394	\$55,026
Science Building - West (DWH)	2003	2018	1	\$110,053	\$110,053	\$7,337
Science Building - West (HWH)	2012	2027	6	\$137,566	\$825,394	\$55,026
Student Center	2003	2018	2	\$137,566	\$275,131	\$18,342
Tranquil Hall F & G (DWH)	2017	2032	2	\$137,566	\$275,131	\$18,342
Tranquil Hall F & G (HWH)	2000	2015	4	\$110,053	\$440,211	\$29,347
University Village I (DWH)	2000	2015	4	\$82,540	\$330,159	\$22,011
University Village I (HWH)	2000	2015	4	\$82,540	\$330,159	\$22,011
West Complex (DWH)	2014	2039	2	\$137,566	\$275,131	\$11,005
West Complex (HWH)	2010	2035	7	\$110,053	\$770,369	\$30,815
Wickes Hall	1999	2024	2	\$412,697	\$825,394	\$33,016
Zahnow Library - Food Court (DWH)	2005	2020	2	\$110,053	\$220,105	\$14,674
Zahnow Library - Food Court (HWH)	2005	2020	2	\$165,079	\$330,157	\$22,010
Totals:	Lifespan:	15 or 25 years	94		\$13,778,265	\$804,678

Chillers / Cooling Towers / Heat Pumps

Location / Tons	Install Date	Average Replacement Date	Number Units	Total Replacement Cost	Annual Cost
Chillers					
Science West / 800	1984	2001	1	\$440,210	\$25,895
Doan Center / 320	1994	2011	1	\$206,348	\$12,138
West Complex / 1000	2013	2030	1	\$632,801	\$37,224
Pioneer Hall / 640	1998	2015	1	\$385,184	\$22,658
Gilbertson Hall (REC) / 450	2002	2019	1	\$288,887	\$16,993
Gilbertson Hall (REC) / 450	2002	2019	1	\$288,887	\$16,993
Ryder / 500	2004	2021	1	\$316,401	\$18,612
Arbury / 60	2002	2019	1	\$41,270	\$2,428
Totals:	Lifespan:	17 years	8	\$2,599,989	\$152,941
Cooling Towers					
Science West	1984	2014	1	\$275,131	\$9,171
Doan Center	1994	2024	1	\$275,131	\$9,171
West Complex	2013	2028	1	\$275,131	\$18,342
Pioneer Hall	1998	2028	1	\$275,131	\$9,171
Gilbertson Hall (REC)	2003	2033	1	\$275,131	\$9,171
Gilbertson Hall (REC)	2003	2033	1	\$275,131	\$9,171
Ryder	2004	2034	1	\$275,131	\$9,171
Totals:	Lifespan:	15 or 30 years	7	\$1,925,919	\$73,368
Heat Pumps					
Gilbertson Hall (REC)-10 units@70 tons each	2010	2025	10	\$825,394	\$55,026
West Complex - 2 units @ 40 tons each	2013	2028	2	\$16,184	\$1,079
Totals:	Lifespan:	15 years	12	\$841,577	\$56,105

Utilities

Description	Average Install Date	Average Replacement Date	Linear Feet	Cost per Square Foot	Total Replacement Cost	Annual Cost
Natural Gas (Consumers Owned)	2015	2095	0	\$0.00	\$0	\$0
Sanitary Sewer	1991	2071	40,580	\$131.25	\$5,326,078	\$66,576
Storm Sewer	1990	2070	86,635	\$140.63	\$12,183,293	\$152,291
Water	1992	2072	48,720	\$56.25	\$2,740,555	\$34,257
Totals:	Lifespan:	80 years			\$20,249,927	\$253,124

8320 Volt Electrical System - Equipment

Area	Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
A House to E House, MH 7 to Pioneer, Pioneer to Fine Arts	1969	1999	\$234,477	\$7,816
West Complex to Doan Center	1991	2021	\$34,509	\$1,150
Main Loop Switches 1 & 2, 66/68 Building	2001	2031	\$179,081	\$5,969
Ryder Center to Loop Switch 4	2002	2032	\$120,781	\$4,026
Manhole #6 to Manhole #6A to Living Center South	2003	2033	\$80,586	\$2,686
University Villages	2003	2033	\$1,168,149	\$38,938
Pine Grove	2008	2038	\$212,648	\$7,088
Health & Human Services	2010	2040	\$80,963	\$2,699
Totals:	Lifespan:	30 years	\$2,111,194	\$70,373

8320 Volt Distribution System

Description	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Duct Banks	1966	2046	\$18,562,208	232,028
Cable	1995	2025	\$4,586,553	152,885
Health & Human Services Cable	2010	2040	\$169,875	5,662
Totals:	Lifespan:	30 or 80 years	\$23,318,636	390,575

Food Services Equipment

Location	Description	Install Date	Average Lifespan	Replacement Date	Quantity	Cost per Unit	Total	Annual
							Replacement Cost	Cost
Doan Marketplace- D151								
Desert Section Island (Main Dining)								
	Refrigerator (2 Door)	2005	20	2025	1	\$5,676	\$5,676	\$284
	Cooler (2 Door)	2005	20	2025	1	\$3,638	\$3,638	\$182
	Reach In Freezer (1 Door)	1995	20	2015	1	\$4,802	\$4,802	\$240
	Reach In Freezer	1995	20	2015	1	\$7,276	\$7,276	\$364
	Ice Cream Cooler	2005	15	2020	1	\$8,731	\$8,731	\$582
Main Lobby Dining								
	Ice Cream Machine	2015	15	2030	1	\$17,985	\$17,985	\$1,199
	Cooler (2 Door)	2005	20	2025	1	\$3,638	\$3,638	\$182
	Food Warmer	2005	15	2020	6	\$2,474	\$14,842	\$989
	Island Cooler for Ice Prep.	2005	15	2020	1	\$20,373	\$20,373	\$1,358
	Prep Table/3 door cooler	1996	20	2016	1	\$13,096	\$13,096	\$655
	Grill	1996	20	2016	1	\$11,642	\$11,642	\$582
	Holding Oven	1996	20	2016	1	\$10,914	\$10,914	\$546
	Food Warmer and Cooler	1996	15	2011	1	\$8,731	\$8,731	\$582
Main Lobby Dining (Right Side Salad Bar Side)								
	Salad Prep Table	1996	15	2011	1	\$1,456	\$1,456	\$97
	Soup Heater	2005	4	2009	2	\$727	\$1,454	\$364
	Soup Heater	2009	4	2013	2	\$699	\$1,397	\$349
	Salad Prep Table	2006	15	2021	2	\$3,638	\$7,276	\$485
	Salad/Deli Prep Table	1996	15	2011	1	\$3,638	\$3,638	\$243
	Salad Prep Table	2005	15	2020	1	\$3,638	\$3,638	\$243
1st Floor Kitchen Main Dining								
	Steamer	2016	7	2023	2	\$19,468	\$38,936	\$5,562
	Tilt Top Skillet	1996	15	2011	1	\$21,828	\$21,828	\$1,455
	Flat Top Range	1996	20	2016	1	\$14,552	\$14,552	\$728
	Cooler (2 Door)	1996	20	2016	1	\$7,276	\$7,276	\$364
	Cookie Oven	1996	20	2016	1	\$29,104	\$29,104	\$1,455
	Holding Oven	1996	20	2016	1	\$21,828	\$21,828	\$1,091
	Oven	1996	20	2016	1	\$14,552	\$14,552	\$728
	Grill	1999	15	2014	1	\$8,731	\$8,731	\$582
	Fryer	1996	15	2011	1	\$4,075	\$4,075	\$272
	Ice Machine	2006	15	2021	1	\$7,276	\$7,276	\$485
	Food Warmer and Cooler	2006	20	2026	1	\$7,276	\$7,276	\$364
	Convection Oven	1996	20	2016	8	\$11,642	\$93,135	\$4,657
	Convection Oven	2006	20	2026	4	\$11,642	\$46,568	\$2,328
	Convection Oven	2017	20	2037	4	\$11,544	\$46,174	\$2,309
	Hot Boxes (2 Door)	2006	15	2021	1	\$7,276	\$7,276	\$485
	Hot Boxes (2 Door)	2006	15	2021	1	\$7,276	\$7,276	\$485
	Hot Boxes (2 Door)	2006	15	2021	1	\$7,276	\$7,276	\$485
	Holding Oven	2006	15	2021	1	\$2,037	\$2,037	\$136
	Walk in Freezer (#6 Baked Goods)	2006	15	2021	1	\$29,104	\$29,104	\$1,940
	Walk in Cooler (#5)	2006	20	2026	1	\$29,104	\$29,104	\$1,455

Food Services Equipment

Location	Description	Install Date	Average Replacement		Quantity	Cost per Unit	Total	
			Lifespan	Date			Replacement Cost	Annual Cost
	Walk in Freezer (#4 Meat)	2006	20	2026	1	\$29,104	\$29,104	\$1,455
	Walk in Cooler (#3 Grill Comfort)	2006	20	2026	1	\$29,104	\$29,104	\$1,455
	Walk in Cooler (#2 Produce)	2006	20	2026	1	\$29,104	\$29,104	\$1,455
	Walk in Cooler (#1 Catering)	2006	20	2026	1	\$29,104	\$29,104	\$1,455
	Warming Unit	2007	15	2022	2	\$2,474	\$4,947	\$330
Doan Marketplace Totals:							\$714,949	\$43,042
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	\$2,910	\$2,910	\$145
	Cooler	2005	20	2025	1	\$4,947	\$4,947	\$247
	Cooler (2 Door)	1996	20	2016	1	\$7,276	\$7,276	\$364
	Ice Machine	2005	15	2020	1	\$7,276	\$7,276	\$485
Beverages (C246)								
	Ice Machine	1996	15	2011	2	\$7,276	\$14,553	\$970
	Cooler (4 Door)	1996	20	2016	1	\$7,567	\$7,567	\$378
	Cooler (3 Door)	1996	20	2016	1	\$6,548	\$6,548	\$327
	Refrigerator	2003	20	2023	1	\$5,821	\$5,821	\$291
President's Kitchen (C226)								
	Freezer (2 Door)	1996	20	2016	1	\$21,828	\$21,828	\$1,091
	Cooler (2 Door)	1996	20	2016	1	\$21,828	\$21,828	\$1,091
	Ice Machine	1996	15	2011	1	\$7,276	\$7,276	\$485
	Cooler (2 Door)	1996	20	2016	1	\$21,828	\$21,828	\$1,091
	Warming Prep Table (4 Pans)	1996	15	2011	1	\$14,552	\$14,552	\$970
	Oven (4 Drawer)	1996	15	2011	1	\$11,642	\$11,642	\$776
	Refrigerator	1996	20	2016	1	\$5,821	\$5,821	\$291
	Warming Station (1 Door)	1996	15	2011	1	\$2,037	\$2,037	\$136
	Cooler (2 Door)	1996	20	2016	1	\$7,422	\$7,422	\$371
	Cooler (2 Door)	1996	20	2016	1	\$17,462	\$17,462	\$873
	Oven	2005	15	2020	1	\$10,903	\$10,903	\$727
Campus Dining Office (C122)								
	Refrigerator (1 Door)	2008	10	2018	2	\$1,456	\$2,911	\$291
Finishing Kitchen (C248 & C249)								
	Warming Unit	1996	15	2011	6	\$2,474	\$14,842	\$989
	Hot Hold Unit	1996	15	2011	3			
	Walk In Cooler				1			
	Walk In Freezer				1			
	Warming Unit				8			

Food Services Equipment

Location	Description	Install Date	Lifespan	Average	Quantity	Cost per Unit	Total	Annual Cost
				Replacement Date			Replacement Cost	
	Ice Machine	1996	15	2011	1	\$7,276	\$7,276	\$485
	Ice Machine				1			
	Warming Unit (4 Tray Holders)	1996	15	2011	3	\$2,910	\$8,730	\$582
	Cooler	2005	20	2025	1	\$5,821	\$5,821	\$291
Curtiss Hall Totals:							\$239,079	13,751
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	\$5,530	\$5,530	\$277
	Walk In Cooler (7 Doors)	2003	20	2023	1	\$29,104	\$29,104	\$1,455
	Walk In Freezer (5 Doors)	2003	20	2023	1	\$29,104	\$29,103.55	\$1,455
	Freezer (3 Door)	2004	20	2024	1	\$11,642	\$11,642	\$582
	Freal Milkshake Machine	2012			1			
	Hoshizaki Ice Maker	2012			1			
Student Center Totals:							\$75,379	3,769
Gilbertson Hall (REC)								
Einstein Bros. Bagels								
	Ice Machine	2003	10	2013	1	\$7,276	\$7,276	\$728
	Freezer	2003	20	2023	1	\$7,276	\$7,276	\$364
	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							

Food Services Equipment

Location	Description	Install Date	Average Lifespan	Replacement Date	Quantity	Cost per Unit	Total Replacement	Annual Cost
							Cost	Cost
2nd Floor Kitchen (ES205)								
	Ice Machine	2003	15	2018	1	\$7,276	\$7,276	\$485
	Refrigerator (3 Door)	2003	15	2018	1	\$5,821	\$5,821	\$388
	Freezer (1 Door)	2003	20	2023	1	\$7,276	\$7,276	\$364
	Warming Unit	2003	20	2023	3	\$2,474	\$7,421	\$371
	Warming Unit (Hot Food)	2003	15	2018	5	\$2,474	\$12,368	\$825
	Warming Unit	2007	15	2022	1	\$2,474	\$2,474	\$165
Regional Education Center Totals:							\$57,189	\$3,689
Science East								
Starbucks (2017)								
	Equipment (brewers, grinder, warmer, ovens, etc.)	2017	10	2027	1	\$193,614	\$193,614	\$19,361
Science East Totals:							\$193,614	\$19,361
Zahnow Library - Food Court								
Albert E's Food Court (Subway, Greens to Go, Grille)								
	Salad Prep Table with 2 Door cooler	2004	15	2019	1	\$14,552	\$14,552	\$970
	Drop In Freezer Counter Top		8		1			
	Salad Prep Table with 2 Door cooler	2004	15	2019	1	\$14,552	\$14,552	\$970
	Cooler with Prep Sink		15	15	1	\$11,642	\$11,642	\$776
	Reach In Cooler (2 Door)		20	20	1	\$7,276	\$7,276	\$364
	Fryer	1996	15	2011	1	\$4,365	\$4,365	\$291
	Stove	2005	20	2025	1	\$14,552	\$14,552	\$728
	Fryer	2005	15	2020	1	\$4,365	\$4,365	\$291
	Stove Char Grill	2005	15	2020	1	\$11,642	\$11,642	\$776
	Grill Flat Top	2005	15	2020	1	\$16,007	\$16,007	\$1,067
	Ice Cream Cooler (Countertop Storage)	2003	15	2018	1	\$3,638	\$3,638	\$243
	Reach In Freezer	1996	20	2016	1	\$5,821	\$5,821	\$291
	Salad prep unit							
	Salad prep unit							
	Salad prep unit							
	Air screen							
	Chef Base 6 Drawer							
Panda Express (2017)								
	Equipment (griddle, back line, etc.)	2017	10	2027	1	\$19,064	\$19,064	\$1,906
	Equipment (fridge, induction lines, etc.)	2017	10	2027	1	\$29,563	\$29,563	\$2,956
	Equipment (rice cooker, warmers, wok)	2017	10	2027	1	\$25,674	\$25,674	\$2,567
	Equipment (flat top grill)	2017	10	2027	1	\$704	\$704	\$70
	Equipment (sneeze guards)	2017	10	2027	1	\$1,007	\$1,007	\$101
Zahnow Library Food Court Totals:							\$184,424	\$14,368
Wickes Stadium								
	Ice Machine	2008	15	2023	1	\$7,276	\$7,276	\$485
	Cooler (2 Door)	2007	20	2027	1	\$5,093	\$5,093	\$255
	Warming Unit	2007	15	2022	1	\$2,474	\$2,474	\$165
	Warming Unit		15	15				\$0

Food Services Equipment

Location	Description	Install Date	Lifespan	Average	Quantity	Cost per Unit	Total	Annual Cost
				Replacement Date			Replacement Cost	
	Warming Unit (2 Drawer)	2007	15	2022	1	\$2,474	\$2,474	\$165
	Cooler	2003	20	2023	1	\$5,821	\$5,821	\$291
	Popcorn Machine							
	2 Door Freezer							
	Cooler (2 Door)							
Football South Side								
	Cooler Reach In	1995	20	2015	1	\$2,183	\$2,183	\$109
	Popcorn Machine	1995	10	2005	1	\$2,183	\$2,183	\$218
Football North Side								
	Warming Unit (2 Drawer)	2007	15	2022	1	\$2,111	\$2,111	\$141
	Popcorn Machine	1995	10	2005	1	\$2,183	\$2,183	\$218
Wickes Stadium Totals:							\$31,796	\$2,047
Food Service Equipment Consolidated Totals:		Lifespan:		varies			\$1,496,429	\$100,027

AV Equipment (Non Conference Specific Items)

Location	Equipment Description	Install Date	Average Replacement Date	Quantity	Cost per Unit	Total Replacement Cost	Average Annual Funds Needed
Malcolm Field Theatre (Curtiss Hall)							
	Audio Board			1	\$21,828	\$21,828	
	Dimmer Racks			6	\$160,070	\$960,417	
	Follow Spotlights			2	\$8,731	\$17,462	
	LineArray Front of House Speakers			12	\$87,311	\$1,047,728	
	Cyc			1	\$7,276	\$7,276	
	Black Sharkstooth Scrim			1	\$4,365	\$4,365	
	Mechanical Hoist Apron Electric			1	\$21,828	\$21,828	
	Front of House Projector			1	\$58,207	\$58,207	
	Wireless Headsets			4	\$1,456	\$5,822	
	Reroxing Fly system			1	\$14,552	\$14,552	
	Arial Lift			1	\$14,552	\$14,552	
	Permenant Refinishing of Floor			1	\$17,462	\$17,462	
	Video Rack Upgrade			1	\$11,642	\$11,642	
	L & E MR-16 CYC Strips			8	\$1,746	\$13,971	
	Pipe- Screen Lineset			1	\$1,456	\$1,456	
Rhea Miller Recital Hall (Curtis Hall)							
	Line Array F of H sepakers			included in MFT		-	
	Audio Borad			1	\$11,642	\$11,642	
	Motorized Front Stage Light Bar			1	\$21,828	\$21,828	
	Source 4 Ellipsoidals			12	\$582	\$6,981	
Black Box Theatre/Studio (Curtis Hall)							
	Lighting Board			1	\$20,373	\$20,373	
	Audio Board			1	\$11,642	\$11,642	
	Camera w/ link to MFT			1	\$7,276	\$7,276	
	Source 4 PARNel			30	\$356	\$10,685	
	Source 4 Ellipsoidals			30	\$499	\$14,979	
Founders Hall							
	Lighting Dimmer Rack	2013		1	\$27,702	\$27,702	
	Lighting Board			1	\$11,081	\$11,081	
Totals:						\$2,362,756	\$0

I.T. Equipment

Location	Equipment Description	Install Date	Lifespan	Average Replacement Date	Quantity	Cost per Unit	Total Replacement Cost	Annual Funds Needed
Wickes Hall 220								
UPS-Computer Room								
	Batteries	2015	4	2019	1	\$13,487	\$13,487	\$3,371.69
	UPS	2007	15	2027	1	\$53,947	\$53,947	\$3,596.47
	A/C Capacitors	2007	8	2017	1	\$4,720	\$4,720	\$590.05
Document Imaging								
	Scanners			As Needed				\$5,725.89
Network Components								
	Wireless (ResNet)	2015	4	2019			\$872,014	\$218,004
	Closet Electronics	2015-2017	5	2020-2022			\$1,181,671	\$236,334
	Coset UPS	As Needed	3	As Needed			\$76,736	\$25,579
	VM Servers (includes Colleague Server)		5	+2 per year			\$95,920	\$19,184
	Major Network Components		5	2015-2016			\$671,263	\$134,253
	SAN		5	FY18			\$269,775	\$53,955
	NAC		5	2015			\$177,452	\$35,490
	VPN		5	2017			\$11,990	\$2,398
	Backup Solution	2015	5	2020			\$285,362	\$57,072
	Disaster Recovery (equipment)		5	2018			\$155,870	\$31,174
Campuswide								
Classrooms & Offices								
	Distance Ed Codecs	2014	5	2019			\$200,137	\$40,027
	Lab computers		5	Recycled after 5			\$1,815,107	\$363,021
	Faculty computers		4	Recycled after 4			\$458,071	\$114,518
	Classroom Technology		8	Ongoing			\$2,311,363	\$288,920
	ME458 Servers		3	2017			\$33,033	\$11,011
	Wireless (Classroom)	2015-2017	5	2018-2020			\$2,486,660	\$497,332
Gilbertson Hall (REC)								
	Ott Auditorium Technology - FY13		9				\$336,680	\$82,264
	Ott Auditorium Technology - FY14							\$95,548
	Ott Auditorium Technology - FY15							\$93,373
	Ott Auditorium Technology - Ongoing							\$37,409
Totals:					3		\$11,511,259	\$2,450,151

Parking Lots

Parking Lot	Install Date	Average	Square Feet	Cost per Square Foot	Total	Annual Cost
		Replacement Date			Replacement Cost	
A	2010	2030	99,000	\$2.78	\$275,495	\$13,775
C	2012	2032	94,125	\$2.78	\$261,929	\$13,096
C1	2013	2033	82,700	\$2.78	\$230,136	\$11,507
D	2018	2038	112,000	\$2.78	\$311,672	\$15,584
E	2011	2031	193,000	\$2.78	\$537,077	\$26,854
F	2009	2029	221,250	\$2.78	\$615,691	\$30,785
H	2010	2030	107,250	\$2.78	\$298,453	\$14,923
J	2013	2033	138,000	\$2.78	\$384,024	\$19,201
J1	2019	2039	133,650	\$2.78	\$371,919	\$18,596
J2	2010	2030	141,100	\$2.78	\$392,651	\$19,633
J3	2017	2037	133,650	\$2.78	\$371,919	\$18,596
J4	2006	2026	50,400	\$2.78	\$140,252	\$7,013
K	2017	2037	84,150	\$2.78	\$234,171	\$11,709
L	2006	2026	102,600	\$2.78	\$285,513	\$14,276
R	2000	2020	88,900	\$2.78	\$247,389	\$12,369
Bookstore	2003	2023	16,000	\$2.78	\$44,525	\$2,226
Concessions	2006	2026	16,864	\$2.78	\$46,929	\$2,346
Continuing Education	1997	2017	3,600	\$2.78	\$10,018	\$501
Curtiss Hall Circle	2020	2040	16,079	\$2.78	\$44,744	\$2,237
Fine Arts Circle (West of Bldg.)	2013	2033	19,600	\$2.78	\$54,543	\$2,727
Fine Arts Drive (North of Bldg.)	2019	2039	29,700	\$2.78	\$82,649	\$4,132
Founders Hall	1994	2014	7,043	\$2.78	\$19,599	\$980
Fox Lot	2018	2038	4,800	\$2.78	\$13,342	\$667
Gilbertson Hall	2003	2023	300,000	\$2.78	\$834,835	\$41,742
Grounds	2007	2027	30,000	\$2.78	\$83,483	\$4,174
Pine Grove Central	2014	2034	28,800	\$2.78	\$80,144	\$4,007
Pine Grove East	1996	2016	14,400	\$2.78	\$40,072	\$2,004
Pine Grove West	2008	2028	53,000	\$2.78	\$147,487	\$7,374
Pioneer Hall - Service	2007	2027	11,400	\$2.78	\$31,724	\$1,586
Ryder Service	2007	2027	5,400	\$2.78	\$15,027	\$751
SCC-A	2011	2031	13,000	\$2.78	\$36,176	\$1,809
SCC-A South	2011	2031	10,800	\$2.78	\$30,054	\$1,503
SCC-C North	2013	2033	15,000	\$2.78	\$41,742	\$2,087
Univ. Village - Visitor Parking	2018	2038	13,500	\$2.78	\$37,568	\$1,878
Univ. Village I - East (addtn.)	2004	2024	6,000	\$2.78	\$16,697	\$835
Univ. Village I - East (original)	2000	2020	14,850	\$2.78	\$41,324	\$2,066
Univ. Village I - Southeast	2004	2024	32,000	\$2.78	\$89,049	\$4,452
Univ. Village II - South (addtn.)	2004	2024	33,000	\$2.78	\$91,832	\$4,592
Univ. Village II - South (original)	2001	2021	34,200	\$2.78	\$95,171	\$4,759
Univ. Village III	2005	2025	125,607	\$2.78	\$349,537	\$17,477
University HealthCare	2009	2029	20,000	\$2.78	\$55,656	\$2,783
University Village - West	2001	2021	64,800	\$2.78	\$180,324	\$9,016
University Village IV	2007	2027	37,000	\$2.78	\$102,963	\$5,148
West Complex / Doan (concrete)	1994	2014	13,500	\$2.78	\$37,568	\$1,878
Wickes Circle	2001	2021	29,025	\$2.78	\$80,770	\$4,039
Wickes Stadium VIP/Handicap	2016	2036	44,000	\$2.78	\$122,442	\$6,122
Totals:	Lifespan:	20 years	2,844,743		\$7,916,285	\$395,814

Roads

Area	Install Date	Average Replacement Date	Square Feet	Cost per Square Foot	Total Replacement Cost	Annual Cost
College Dr.-West of Collings West	2004	2024	25,000	\$2.75	\$68,711	\$3,436
College Dr.-East of Collings West	2012	2032	115,000	\$2.75	\$316,069	\$15,803
Fox Drive	2012	2032	7,000	\$2.75	\$19,239	\$962
University Drive	2000	2020	42,000	\$2.75	\$115,434	\$5,772
South Campus Entrance Drive	2008	2028	28,000	\$2.75	\$76,956	\$3,848
Collings - East & North of Fox	2012	2032	70,000	\$2.75	\$192,390	\$9,619
Collings - West & North of Fox	2012	2032	70,000	\$2.75	\$192,390	\$9,619
Davis Road	2008	2028	64,000	\$2.75	\$175,899	\$8,795
Davis Road Walkway (Asphalt)	2016	2036	8,000	\$2.75	\$21,987	\$1,099
Drive to Football Field & Track	2006	2026	20,000	\$2.75	\$54,969	\$2,748
Non-Motorized Pathway	2011	2031	132,000	\$2.75	\$362,792	\$18,140
Pine Grove Lane	2010	2030	40,000	\$3.44	\$137,421	\$6,871
Pine Grove West Lane	2008	2028	26,000	\$2.75	\$71,459	\$3,573
Totals:	Lifespan:	20 years	647,000		1,805,717	90,286

Sidewalks

Area	Install Date	Average Replacement Date	Square Feet	Cost per Square Foot	Total Replacement Cost	Annual Cost
Sidewalks - A	1998	2028	42,000	\$9.38	\$393,918	\$13,131
Sidewalks - B	2005	2035	166,506	\$9.38	\$1,561,661	\$52,055
Sidewalks - C	2010	2040	44,830	\$9.38	\$420,461	\$14,015
Sidewalks - D	2006	2036	149,040	\$9.38	\$1,397,847	\$46,595
Sidewalks - E	2004	2034	137,301	\$9.38	\$1,287,747	\$42,925
Sidewalks - F	2007	2037	60,000	\$9.38	\$562,740	\$18,758
Sidewalks - 2013	2013	2043	12,000	\$9.38	\$112,548	\$3,752
Sidewalks - Davis Road	2016	2046	6,000	\$9.38	\$56,274	\$1,876
Sidewalks - Pine Grove Central	2018	2048	10,500	\$9.38	\$98,473	\$3,282
Sidewalks - Pine Grove West	2008	2038	40,800	\$9.38	\$382,663	\$12,755
Sidewalks - Ryder Fieldhouse	2014	2044	13,000	\$9.38	\$121,927	\$4,064
Sidewalks - University HealthCare	2009	2039	1,000	\$9.38	\$9,379	\$313
Sidewalks - Health Science	2010	2040	17,000	\$9.38	\$159,443	\$5,315
Sidewalks - C-Lot	2010	2040	7,600	\$9.38	\$71,280	\$2,376
Wickes Stadium - Concrete	2011	2041	19,971	\$9.38	\$187,308	\$6,244
Totals:	Lifespan:	30 years	727,548		\$6,823,671	\$227,456

Exterior Facilities and Appurtenances

Area	Install Date	Average Replacement Date	Sq. Ft. or Unit	Cost per Sq. Ft. or Unit	Total Replacement Cost	Annual Cost
Landscaping						
Planting Beds	2005	2025	204,200	\$8.27	\$1,688,363	\$84,418
International Sculpture Gardens	2007	2037	4,000		\$472,404	\$15,747
Museum Gardens	2013	2043	15,000	\$22.48	\$337,198	\$11,240
Athletic Fields						
Soccer	2009	2039	2 Fields	\$23,437	\$46,874	\$1,562
Tennis Courts	2010	2030	6 Courts	\$121,196	\$727,179	\$36,359
Wickes Football Field Turf	2011	2021	80,000	\$8.60	\$688,023	\$68,802
Softball / Baseball Fields	1990	2020	430,000	\$1.31	\$561,366	\$18,712
Intramural Fields East	2016	2046	492,000	\$0.37	\$180,297	\$6,010
Intramural Fields West	2008	2038	246,000	\$0.37	\$90,148	\$3,005
Housing Recreational Fields	2005	2025	3 b-ball/3 v-ball	\$28,124	\$168,747	\$8,437
Ryder Center - Fieldhouse Turf	2015	2025	46,500	\$13.11	\$609,742	\$60,974
Outdoor Facilities						
Football Stadium Bleacher Area	1995	2030	17,800	\$52.68	\$937,672	\$26,791
Amphitheatre & Bell Tower	1996	2046			\$982,127	\$19,643
Soccer Bleachers	2007	2042	200	\$52.68	\$10,536	\$301
Baseball Bleachers	2007	2042	4,500	\$52.68	\$237,052	\$6,773
Softball Bleachers	2007	2042	2,400	\$52.68	\$126,428	\$3,612
Site Furnishings						
Benches	2009	2024	82	\$2,813	\$230,630	\$15,375
Trash Cans	2009	2024	160	\$750	\$120,015	\$8,001
Directory Signs	1990	2020	15	\$4,687	\$70,308	\$2,344
Information Kiosks	1990	2020	2	\$9,374	\$18,749	\$625
University Village Signs	2009	2024	2	\$3,750	\$7,501	\$500
Pine Grove Signs	2009	2024	1	\$3,750	\$3,750	\$250
Campuswide Wayfinding Signs	2016	2036	1	\$263,391	\$263,391	\$13,170
Main Entrance Sign	2004	2024	1	\$656,240	\$656,240	\$32,812
Cardinal Events Sign	2012	2022	1	\$84,085	\$84,085	\$8,408
College Drive Electronic Sign	2016	2031	1	\$57,259	\$57,259	\$3,817
I Love SVSU Sign	2014	2034	1	\$10,024	\$10,024	\$501
Bicycle Racks	2007	2027	97	\$391	\$37,879	\$1,894
Night/Day Fountain	1987	2037	1	\$152,881	\$152,881	\$3,058
Gazelle Fountain	1975	2025	1	\$114,661	\$114,661	\$2,293
North & South Pond Fountains	2011	2021	2	\$26,485	\$52,969	\$5,297
Otter Fountain	2013	2063	1	\$20,232	\$20,232	\$405
Secondary Entrance Signs	2007	2027	3	\$18,346	\$55,037	\$2,752
University HealthCare Signs	2009	2029	2	\$40,745	\$81,491	\$4,075
Totals:	Lifespan:	Varies			\$9,901,256	\$477,963

Site Data / Telecommunications

Description	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Duct Banks	1966	2046 in 8320 Volt System		
Copper Cables	1985	2035	\$431,015	\$8,620
Fiber	1996	2046	\$436,272	\$8,725
Aerial Fiber (24 Miles)	2005	2055	\$520,825	\$10,416
Totals:	Lifespan:	50 or 80 years	\$1,388,111	\$27,762

Site Lighting

Description	Average Install Date	Average Replacement Date	Linear Feet or Count	Cost per Unit	Total Replacement Cost	Annual Cost
Raceways	2005	2035	81,530	\$15.48	\$1,262,313	\$42,077
Fixtures	2013	2043	1,100	\$3,750	\$4,125,503	\$137,517
Totals:	Lifespan:	30 years	82,630		\$5,387,816	\$179,594