



SAGINAW VALLEY

STATE UNIVERSITY.

Five-Year Capital Outlay Plan

FY 2023 – FY 2027

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

- Master of Public Administration
- 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 2021

<u>College</u>	<u>Full-Time</u>	<u>Part-Time</u>	<u>Total</u>
College of Arts & Behavioral Sciences	1,180	251	1,431
College of Business & Management	879	132	1,011
College of Education	595	317	912
College of Science, Engineering & Technology	1,100	231	1,331
Crystal M. Lange College of Health & Human Services	1,931	571	2,502
Others			
Undeclared/Non-Degree	<u>256</u>	<u>80</u>	<u>336</u>
Totals	<u>5,941</u>	<u>1,582</u>	<u>7,523</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 7,200 to 7,500 for the next several years.

Fall semester 2017	8,662
Fall semester 2018	8,535
Fall semester 2019	8,265
Fall semester 2020	8,030
Fall semester 2021	7,523
(Projected) Fall Semester 2022	7,300

**Faculty/Staff Student Credit Hour Ratio
Fall 2021**

	<u>FTE</u>	<u>Credit Hours (CH)</u>	<u>Ratio: CH/FTE</u>
College of Arts & Behavioral Sciences			
Faculty	140.3	34,711	247
Administrative/Secretarial	6.2		5,599
Scott L. Carmona College of Business			
Faculty	36.3	9,849	271.3
Administrative/Secretarial	12.1		814
College of Education			
Faculty	27.3	6,605	242
Administrative/Secretarial	9.2		718
College of Science, Engineering & Technology			
Faculty	96.7	22,830	236
Administrative/Secretarial	11.8		1,935
Crystal M. Lange College of Health & Human Services			
Faculty	76.2	17,395	228
Administrative/Secretarial	24.3		716

Fall 2021 - Average Class Size

22.25

IV. Facility Assessment

See Attached

Facilities Assessment & Deferred Maintenance Capital Planning Report

V. Implementation Plan

SAGINAW VALLEY STATE UNIVERSITY FY2023 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 Zahn 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	--	Jan. 2023	Jan. 2024	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 2023 - FY 2027**

	Project Period	Project Cost Estimate	Funding Sources			
			General Fund	State of Michigan	Self Supporting	Other
<u>Academic and Other Facilities</u>						
Brown Hall Renovation	FY22-FY24	\$ 19,750,000		\$ 12,000,000		\$ 7,750,000 *
Science West Renovation	FY24-FY26	12,000,000		9,000,000		3,000,000
Alumni Relations Project	FY23-FY25	6,000,000				6,000,000
<u>Major Expansion, Maintenance & Renovation</u>						
Energy Conservation Initiatives	FY23-FY27	5,000,000				5,000,000
Campus Infrastructure/Deferred Maintenance	FY23-FY27	35,000,000			\$ 20,000,000	15,000,000
Technology	FY23-FY27	8,000,000				8,000,000
		<u>\$ 85,750,000</u>	<u>\$ -</u>	<u>\$ 21,000,000</u>	<u>\$ 20,000,000</u>	<u>\$ 44,750,000</u>

* University match at 39%



Facilities Assessment
Deferred Maintenance Capital Planning
Updated - October 15, 2021

Deferred Maintenance

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Page	Category	Total Replacement Cost
3.	Roofs	\$12,545,993
4.	Structure / Glazing / Cladding	\$154,261,576
5.	Ceilings / Doors / Frames	\$45,439,936
6.	Carpet	\$11,190,647
7.	Furniture	\$28,537,762
8.	Plumbing / Electrical	\$109,849,047
9.	Lighting	\$70,327,627
10.	HVAC	\$105,380,288
11.	Furnaces / Condensing Units	\$5,036,563
12.	Water Heaters	\$329,907
13.	Appliances	\$3,517,312
14.	Boilers	\$14,467,178
15.	Chillers / Cooling Towers	\$5,635,860
16.	Utilities	\$21,262,423
17.	8320 Volt System	\$26,701,321
18. - 22.	Food Service Equipment	\$1,571,251
23.	AV Equipment	\$2,480,894
24.	I.T. Equipment	\$12,086,822
25.	Parking Lots	\$8,312,099
26.	Roads	\$1,896,002
27.	Sidewalks	\$7,164,854
28.	Exterior Facilities / Furnishings	\$10,396,319
29.	Site Data / Telecommunications	\$1,457,517
30.	Site Lighting	\$5,657,207
Totals:		\$665,506,406

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	\$7.88	\$511,150	\$34,077
Athletic Football Concessions Bldgs.	2015	2045	1,800	\$7.88	\$14,177	\$473
Athletic Storage Bldgs. East & West	2015	2045	3,400	\$7.88	\$26,778	\$893
Bell Tower	--	--	--	--	--	--
Brown Hall	1999	2019	27,000	\$7.88	\$212,651	\$10,633
Campus Recreation Center/Fitness Center	2010	2030	35,000	\$7.88	\$275,659	\$13,783
Carmona College of Business	2020	2035	13,639	\$21.63	\$295,012	\$19,667
Children's Center	2008	2023	2,900	\$6.89	\$19,981	\$1,332
Concession Building	2006	2026	3,312	\$7.88	\$26,085	\$1,304
Doan Center	1994	2014	46,300	\$7.88	\$364,657	\$18,233
Founders Hall	1995	2025	8,400	\$6.89	\$57,876	\$1,929
Gilbertson Hall (REC)	2003	2023	69,700	\$7.88	\$548,954	\$27,448
Great Lakes A - E	2006	2026	19,000	\$7.88	\$149,643	\$7,482
Grounds Building	2002	2052	6,500	\$20.60	\$133,885	\$2,678
Hamilton Gym	1997	2017	22,500	\$7.88	\$177,209	\$8,860
Health & Human Services	2010	2030	71,433	\$7.88	\$562,604	\$28,130
Living Center North (Brandimore House)	1999	2019	44,000	\$6.89	\$303,158	\$15,158
Living Center South	2004	2024	44,000	\$6.89	\$303,158	\$15,158
Living Center Southwest	2009	2029	35,000	\$6.89	\$241,149	\$12,057
Observatory	--	--	--	--	--	--
Pine Grove Central	2002	2022	27,000	\$6.89	\$186,029	\$9,301
Pine Grove East	2015	2045	21,200	\$6.89	\$146,067	\$4,869
Pine Grove West	2008	2028	38,000	\$6.89	\$261,819	\$13,091
Pioneer Hall	2007	2027	46,500	\$7.88	\$366,232	\$18,312
President's Residence	2019	2049	4,000	\$6.89	\$27,560	\$919
Ryder Center	2013	2033	152,800	\$7.88	\$1,203,447	\$60,172
Ryder Center - Fieldhouse	2014	2064	144,000	\$7.88	\$1,134,138	\$22,683
Science Building - East	2018	2033	46,000	\$7.88	\$362,294	\$24,153
Science Building - West	1999	2019	32,400	\$7.88	\$255,181	\$12,759
Soccer Pressbox	2017	2037	312	\$7.88	\$2,457	\$123
Softball Pressbox	2016	2036	240	\$7.88	\$1,890	\$95
South Campus Complex - Bldg. A	1993	2043	27,300	\$20.60	\$562,318	\$11,246
South Campus Complex - Bldg. B ('66)	2000	2015	19,300	\$7.88	\$152,006	\$10,134
South Campus Complex - Bldg. C ('68)	2000	2015	20,400	\$7.88	\$160,670	\$10,711
Student Center	2003	2023	34,000	\$7.88	\$267,783	\$13,389
Studio	2006	2026	9,900	\$7.88	\$77,972	\$3,899
Tranquil Hall F & G	1995	2015	7,100	\$7.88	\$55,919	\$2,796
University HealthCare	2009	2029	15,520	\$7.88	\$122,235	\$6,112
University Village I	2000	2020	51,100	\$6.89	\$352,077	\$17,604
University Village II	2001	2021	71,200	\$6.89	\$490,565	\$24,528
University Village III	2005	2025	47,312	\$6.89	\$325,978	\$16,299
University Village IV	2007	2027	41,500	\$6.89	\$285,933	\$14,297
West Complex	2013	2033	124,200	\$7.88	\$978,194	\$48,910
Wickes Hall	2015	2035	40,200	\$7.88	\$316,614	\$15,831
Wickes Memorial Stadium	1991/2014	2011/2034	1,600	\$7.88	\$12,602	\$630
Zahnow Amphitheatre	--	--	--	--	--	--
Zahnow Library	2003	2023	27,200	\$7.88	\$214,226	\$10,711
Totals:		Lifespan: 15, 20, 30 or 50 yrs	1,569,068		\$12,545,993	\$592,867

Structure / Glazing / Cladding / Walls

Building	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	1990	2065	\$7,125,372	\$95,005
Bell Tower	1998	2073	\$75,598	\$1,008
Brown Hall	1986	2061	\$4,337,429	\$57,832
Campus Recreation Center/Fitness Center	2007	2082	\$3,175,359	\$42,338
Carmona College of Business	2020	2095	\$6,567,982	\$87,573
Children's Center	1980	2055	\$109,954	\$1,466
Concession Building	2006	2081	\$333,768	\$4,450
Doan Center	1983	2058	\$3,319,524	\$44,260
Founders Hall	1995	2070	\$404,025	\$5,387
Gilbertson Hall (REC)	2003	2078	\$9,399,156	\$125,322
Great Lakes A - E	1974	2049	\$3,339,160	\$44,522
Grounds Building	2002	2077	\$295,308	\$3,937
Hamilton Gym	1971	2046	\$2,448,096	\$32,641
Health & Human Services	2010	2085	\$7,476,530	\$99,687
Living Center North (Brandimore House)	1999	2074	\$6,199,365	\$82,658
Living Center South	2004	2079	\$6,199,365	\$82,658
Living Center Southwest	2009	2084	\$4,660,222	\$62,136
Observatory	1973	2048	\$34,847	\$465
Pine Grove Central	1995	2070	\$1,494,441	\$19,926
Pine Grove East	1997	2072	\$737,214	\$9,830
Pine Grove West	2008	2083	\$2,306,580	\$30,754
Pioneer Hall	2007	2082	\$4,761,866	\$63,492
President's Residence	1975	2050	\$285,073	\$3,801
Ryder Center	1989	2064	\$14,284,783	\$190,464
Ryder Center - Fieldhouse	2014	2089	\$4,604,615	\$61,395
Science Building - East	2001	2076	\$6,299,901	\$83,999
Science Building - West	1990	2065	\$3,937,438	\$52,499
Soccer Pressbox	2017	2092	\$206,525	\$2,754
Softball Pressbox	2010	2085	\$56,184	\$749
SCC-A	1986	2061	\$1,607,229	\$21,430
SCC-B	1970	2045	\$1,009,525	\$13,460
SCC-C	1968	2043	\$1,082,630	\$14,435
Student Center	2003	2078	\$2,836,432	\$37,819
Studio	2006	2081	\$777,250	\$10,363
Tranquil Hall F & G	1974	2049	\$1,976,404	\$26,352
University HealthCare	2009	2084	\$1,107,758	\$14,770
University Village I	2000	2075	\$2,700,166	\$36,002
University Village II	2001	2076	\$3,600,220	\$48,003
University Village III	2005	2080	\$2,400,147	\$32,002
University Village IV	2007	2082	\$2,100,128	\$28,002
West Complex	1996	2071	\$14,337,535	\$191,167
Wickes Hall	1972	2047	\$5,906,734	\$78,756
Wickes Memorial Stadium	1991	2066	\$323,043	\$4,307
Zahnow Amphitheatre	--	--	--	--
Zahnow Library	2002	2077	\$8,020,696	\$106,943
Totals:	Lifespan: 75 years		\$154,261,576	\$2,056,821

Ceilings / Doors / Floors

Building	Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	2010	2040	\$1,994,481	\$66,483
Bell Tower	--	--	--	
Brown Hall	1987	2017	\$963,875	\$32,129
Campus Recreation Center/Fitness Center	2007	2037	\$905,217	\$30,174
Carmona College of Business	2020	2050	\$1,291,670	\$43,056
Concession Building	2006	2036	\$75,591	\$2,520
Doan Center	2005	2035	\$983,562	\$32,785
Founders Hall	1995	2025	\$149,638	\$4,988
Gilbertson Hall (REC)	2005	2035	\$2,784,935	\$92,831
Great Lakes A - E	2008	2038	\$989,379	\$32,979
Grounds Building	2002	2032	\$78,749	\$2,625
Hamilton Gym	2005	2035	\$759,754	\$25,325
Health & Human Services	2010	2040	\$2,076,814	\$69,227
Living Center North (Brandimore House)	1999	2029	\$1,836,846	\$61,228
Living Center South	2004	2034	\$1,836,846	\$61,228
Living Center Southwest	2009	2039	\$1,520,302	\$50,677
Observatory	1973	2003	\$1,772	\$59
Pine Grove Central	1988	2018	\$442,799	\$14,760
Pine Grove East	1997	2027	\$218,436	\$7,281
Pine Grove West	2008	2038	\$740,287	\$24,676
Pioneer Hall	2007	2037	\$1,323,392	\$44,113
President's Residence	1975	2005	\$84,466	\$2,816
Ryder Center	1992	2022	\$5,418,365	\$180,612
Ryder Center - Fieldhouse	2014	2044	\$526,242	\$17,541
Science Building - East	2001	2031	\$2,834,955	\$94,499
Science Building - West	1997	2027	\$1,259,981	\$41,999
Soccer Pressbox	2017	2047	\$3,442	\$115
Softball Pressbox	2007	2037	\$3,532	\$118
SCC-A	1987	2017	\$425,444	\$14,181
SCC-B	1979	2009	\$237,534	\$7,918
SCC-C	1984	2014	\$254,736	\$8,491
Student Center	2003	2033	\$840,424	\$28,014
Studio	2006	2036	\$222,072	\$7,402
Tranquil Hall F & G	2008	2038	\$494,102	\$16,470
University HealthCare	2009	2039	\$305,588	\$10,186
University Village I	2000	2030	\$800,050	\$26,668
University Village II	2001	2031	\$1,066,733	\$35,558
University Village III	2005	2035	\$711,156	\$23,705
University Village IV	2007	2037	\$622,261	\$20,742
West Complex	1996	2026	\$4,441,942	\$148,065
Wickes Hall	2012	2042	\$1,750,144	\$58,338
Wickes Memorial Stadium	1991	2021	\$30,050	\$1,002
Zahnow Amphitheatre	--	--	--	
Zahnow Library	2004	2034	\$2,132,370	\$71,079
Totals:		Lifespan: 30 years	\$45,439,936	\$1,514,665

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	\$8.86	\$140,019	\$10,771
Bell Tower	--	--	--	--	--	--
Brown Hall	2000	2012	33,700	\$8.86	\$298,648	\$24,887
Campus Recreation Center/Fitness Center	2010	2023	5,000	\$8.86	\$44,310	\$3,408
Carmona College of Business	2020	2033	36,574	\$8.86	\$323,954	\$24,920
Concession Building	--	--	--	--	--	--
Doan Center	2005	2018	17,350	\$8.86	\$153,755	\$11,827
Founders Hall	1996	2009	2,800	\$8.86	\$24,813	\$1,909
Gilbertson Hall (REC)	2003	2016	78,975	\$8.86	\$699,873	\$53,836
Great Lakes A - E	2008	2021	34,750	\$8.86	\$307,953	\$23,689
Grounds Building	--	--	--	--	--	--
Hamilton Gym	--	--	--	--	--	--
Health & Human Services	2010	2023	55,000	\$8.86	\$487,408	\$37,493
Living Center North (Brandimore House)	2011	2024	76,340	\$8.86	\$676,522	\$52,040
Living Center South	2004	2017	76,340	\$8.86	\$676,522	\$52,040
Living Center Southwest	2009	2022	64,000	\$8.86	\$567,165	\$43,628
Observatory	--	--	--	--	--	--
Pine Grove Central	2003	2016	24,650	\$8.86	\$218,447	\$16,804
Pine Grove East	2011	2024	14,550	\$8.86	\$128,942	\$9,919
Pine Grove West	2008	2021	53,000	\$8.86	\$469,684	\$36,130
Pioneer Hall	2007	2020	25,700	\$8.86	\$227,752	\$17,519
President's Residence	2014	2027	4,500	\$8.86	\$39,879	\$3,068
Ryder Center	2010	2023	35,250	\$8.86	\$312,384	\$24,030
Ryder Center - Fieldhouse	2014	2027	14,000	\$8.86	\$124,067	\$9,544
Science Building - East	2011	2024	60,850	\$8.86	\$539,250	\$41,481
Science Building - West	2019	2032	27,938	\$8.86	\$247,585	\$19,045
Softball Pressbox	--	--	--	--	--	--
SCC-A	2013	2026	23,100	\$8.86	\$204,711	\$15,747
SCC-B	2013	2026	3,500	\$8.86	\$31,017	\$2,386
SCC-C	2013	2026	8,375	\$8.86	\$74,219	\$5,709
Student Center	2003	2016	6,700	\$8.86	\$59,375	\$4,567
Studio	2006	2019	1,150	\$8.86	\$10,191	\$784
Tranquil Hall F & G	2008	2021	14,000	\$8.86	\$124,067	\$9,544
University HealthCare	2009	2022	9,500	\$8.86	\$84,189	\$6,476
University Village I	2000	2013	37,625	\$8.86	\$333,431	\$25,649
University Village II	2001	2014	51,925	\$8.86	\$460,157	\$35,397
University Village III	2005	2018	34,850	\$8.86	\$308,839	\$23,757
University Village IV	2007	2020	30,300	\$8.86	\$268,517	\$20,655
West Complex	2008	2021	125,700	\$8.86	\$1,113,948	\$85,688
Wickes Hall	2015	2028	78,300	\$8.86	\$693,891	\$53,376
Wickes Memorial Stadium	--	--	--	--	--	--
Zahnaw Amphitheatre	--	--	--	--	--	--
Zahnaw Library	2015	2028	80,700	\$8.86	\$715,160	\$55,012
Totals:		Lifespan: 13 years	1,262,792		\$11,190,647	\$862,733

Furniture

Building	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	1999	2013	\$522,694	\$37,335
Brown Hall	1987	2001	\$1,277,207	\$91,229
Campus Recreation Center/Fitness Center	2010	2024	\$28,889	\$2,063
Carmona College of Business	2020	2034	\$713,790	\$50,985
Concession Building	2006	2020	\$39,009	\$2,786
Doan Center	2005	2019	\$82,687	\$5,906
Founders Hall	1995	2009	\$109,657	\$7,833
Gilbertson Hall (REC)	2003	2017	\$2,953,079	\$210,934
Great Lakes A - E	1999	2013	\$610,961	\$43,640
Grounds Building	2002	2016	\$36,422	\$2,602
Hamilton Gym	2004	2018	\$139,828	\$9,988
Health & Human Services	2010	2024	\$1,499,756	\$107,125
Living Center North (Brandimore House)	1999	2013	\$1,339,812	\$95,701
Living Center South	2004	2018	\$1,339,812	\$95,701
Living Center Southwest	2009	2023	\$786,890	\$56,206
Pine Grove Central	2003	2017	\$840,352	\$60,025
Pine Grove East	2007	2021	\$625,301	\$44,664
Pine Grove West	2008	2022	\$748,080	\$53,434
Pioneer Hall	2007	2021	\$1,203,941	\$85,996
Ryder Center	1991	2005	\$447,293	\$31,950
Ryder Center - Fieldhouse	2014	2028	\$39,468	\$2,819
Science Building - East	2001	2015	\$1,277,945	\$91,282
Science Building - West	1990	2004	\$1,217,309	\$86,951
Softball Pressbox	2006	2020	\$2,568	\$183
SCC-A	1992	2006	\$804,222	\$57,444
SCC-B	1996	2010	\$190,179	\$13,584
SCC-C	1987	2001	\$140,566	\$10,040
Student Center	2003	2017	\$364,213	\$26,015
Tranquil Hall F & G	1997	2011	\$257,899	\$18,421
University HealthCare	2009	2023	\$137,514	\$9,822
University Village I	2000	2014	\$733,104	\$52,365
University Village II	2001	2015	\$944,946	\$67,496
University Village III	2006	2020	\$607,630	\$43,402
University Village IV	2007	2021	\$551,248	\$39,375
West Complex	1996	2010	\$2,889,501	\$206,393
Wickes Hall	2004	2018	\$2,049,633	\$146,402
Zahnnow Library	2016	2030	\$984,359	\$70,311
Totals:		Lifespan: 14 years	\$28,537,762	\$2,038,412

Plumbing / Electrical

Building	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	2005	2055	\$4,379,863	\$87,597
Bell Tower	1998	2048	\$15,119	\$302
Brown Hall	1986	2036	\$2,409,681	\$48,194
Campus Recreation Center/Fitness Center	2007	2057	\$2,316,488	\$46,330
Carmona College of Business	2020	2070	\$1,669,836	\$33,397
Concession Building	2006	2056	\$254,943	\$5,099
Doan Center	1993	2043	\$2,458,906	\$49,178
Founders Hall	1995	2045	\$299,277	\$5,986
Gilbertson Hall (REC)	2003	2053	\$6,962,339	\$139,247
Great Lakes A - E	1976	2026	\$2,473,451	\$49,469
Grounds Building	2002	2052	\$141,748	\$2,835
Hamilton Gym	1971	2021	\$1,688,341	\$33,767
Health & Human Services	2010	2060	\$5,399,716	\$107,994
Living Center North (Brandimore House)	1999	2049	\$4,592,122	\$91,842
Living Center South	2004	2054	\$4,592,122	\$91,842
Living Center Southwest	2009	2059	\$3,132,281	\$62,646
Observatory	1973	2023	\$3,544	\$71
Pine Grove Central	1987	2037	\$1,106,995	\$22,140
Pine Grove East	1997	2047	\$546,083	\$10,922
Pine Grove West	2008	2058	\$2,026,051	\$40,521
Pioneer Hall	2007	2057	\$3,308,480	\$66,170
President's Residence	1988	2038	\$211,165	\$4,223
Ryder Center	1989	2039	\$11,329,316	\$226,586
Ryder Center - Fieldhouse	2014	2064	\$3,157,450	\$63,149
Science Building - East	2001	2051	\$7,087,389	\$141,748
Science Building - West	1993	2043	\$3,346,823	\$66,936
Softball Pressbox	2007	2057	\$4,816	\$96
SCC-A	1992	2042	\$945,426	\$18,909
SCC-B	1987	2037	\$593,837	\$11,877
SCC-C	1980	2030	\$636,842	\$12,737
Student Center	2003	2053	\$2,101,061	\$42,021
Studio	2000	2050	\$555,178	\$11,104
Tranquil Hall F & G	1971	2021	\$988,202	\$19,764
University HealthCare	2009	2059	\$687,574	\$13,751
University Village I	2000	2050	\$2,000,124	\$40,002
University Village II	2001	2051	\$2,666,832	\$53,337
University Village III	2005	2055	\$1,777,888	\$35,558
University Village IV	2007	2057	\$1,555,653	\$31,113
West Complex	2000	2050	\$11,599,482	\$231,990
Wickes Hall	2000	2050	\$4,375,360	\$87,507
Wickes Memorial Stadium	1991	2041	\$150,253	\$3,005
Zahnaw Amphitheatre	--	--	--	--
Zahnaw Library	2017	2067	\$4,300,995	\$86,020
Totals:	Lifespan: 50 years		\$109,849,047	\$2,196,981

Lighting

Building	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	2010	2040	\$2,318,939	\$77,298
Bell Tower	1998	2028	\$5,039	\$168
Brown Hall	1990	2020	\$1,445,810	\$48,194
Campus Recreation Center/Fitness Center	2007	2037	\$1,411,271	\$47,042
Carmona College of Business	2020	2050	\$757,050	\$25,235
Concession Building	2006	2036	\$95,898	\$3,197
Doan Center	1980	2010	\$1,475,344	\$49,178
Founders Hall	1995	2025	\$149,638	\$4,988
Gilbertson Hall (REC)	2003	2033	\$4,177,402	\$139,247
Great Lakes A - E	2000	2030	\$1,484,072	\$49,469
Grounds Building	2020	2050	\$108,279	\$3,609
Hamilton Gym	1971	2001	\$1,013,005	\$33,767
Health & Human Services	2010	2040	\$3,322,902	\$110,763
Living Center North (Brandimore House)	2019	2049	\$2,755,270	\$91,842
Living Center South	2019	2049	\$2,755,270	\$91,842
Living Center Southwest	2009	2039	\$1,909,927	\$63,664
Observatory	1973	2003	\$4,724	\$157
Pine Grove Central	2019	2049	\$664,196	\$22,140
Pine Grove East	1997	2027	\$327,652	\$10,922
Pine Grove West	2008	2038	\$2,493,600	\$83,120
Pioneer Hall	2007	2037	\$1,927,269	\$64,242
President's Residence	1975	2005	\$126,698	\$4,223
Ryder Center	1990	2020	\$4,925,790	\$164,193
Ryder Center - Fieldhouse	2014	2044	\$282,855	\$9,429
Science Building - East	2001	2031	\$4,252,433	\$141,748
Science Building - West	1997	2027	\$1,889,970	\$62,999
Softball Pressbox	2007	2037	\$4,656	\$155
SCC-A	2020	2050	\$614,529	\$20,484
SCC-B	2020	2050	\$356,302	\$11,877
SCC-C	2021	2051	\$382,104	\$12,737
Student Center	2003	2033	\$1,260,636	\$42,021
Studio	2021	2051	\$249,830	\$8,328
Tranquil Hall F & G	2000	2030	\$592,922	\$19,764
University HealthCare	2009	2039	\$305,588	\$10,186
University Village I	2000	2030	\$2,971,921	\$99,064
University Village II	2001	2031	\$3,962,562	\$132,085
University Village III	2005	2035	\$2,641,708	\$88,057
University Village IV	2007	2037	\$2,311,495	\$77,050
West Complex	1996	2026	\$6,641,583	\$221,386
Wickes Hall	2011	2041	\$2,625,215	\$87,507
Wickes Memorial Stadium	1991	2021	\$127,714	\$4,257
Zahnow Library	2017	2047	\$3,198,556	\$106,619
Totals:	Lifespan: 30 years		\$70,327,627	\$2,344,254

HVAC Equipment / HVAC Terminal Units

Building	Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	1987	2027	\$3,789,391	\$94,735
Brown Hall	1986	2026	\$3,012,104	\$75,303
Campus Recreation Center/Fitness Center	2010	2050	\$2,762,000	\$69,050
Carmona College of Business	2020	2060	\$1,081,500	\$27,038
Doan Center	1990	2030	\$3,073,633	\$76,841
Founders Hall	1995	2035	\$374,096	\$9,352
Gilbertson Hall (REC)	2003	2043	\$8,702,922	\$217,573
Great Lakes A - E	2004	2034	\$3,091,814	\$103,060
Hamilton Gym	See Ryder Center	--	--	--
Health & Human Services	2010	2050	\$6,230,442	\$155,761
Living Center North (Brandimore House)	1999	2029	\$5,740,153	\$191,338
Living Center South	2004	2034	\$5,740,153	\$191,338
Living Center Southwest	2009	2039	\$4,782,457	\$159,415
Pioneer Hall	2007	2037	\$4,135,683	\$137,856
Ryder Center	1989	2029	\$8,373,840	\$209,346
Ryder Center - Fieldhouse	2014	2054	\$789,362	\$19,734
Science Building - East	2001	2041	\$11,812,315	\$295,308
Science Building - West	1995	2035	\$3,740,566	\$93,514
Student Center	2003	2043	\$1,514,000	\$37,850
Studio	2001	2041	\$137,810	\$3,445
Tranquil Hall F & G	2004	2034	\$494,102	\$16,470
University Village I	2000	2030	\$412,840	\$13,761
West Complex	1996	2036	\$13,682,560	\$342,064
Wickes Hall	2000	2040	\$5,469,196	\$136,730
Zahnow Library	1997	2037	\$6,437,351	\$160,934
Totals:		Lifespan: 30 or 40 years	\$105,380,288	\$2,837,817

Furnaces & Condensing Units

Building	Install Date	Average Replacement Date	Number	Cost per Unit	Total Replacement Cost	Annual Cost
Concessions	2006	2023	2	\$6,890	\$13,780	\$811
Grounds Building	2019	2036	2	\$6,890	\$13,780	\$811
Pine Grove Central	2003	2020	82	\$6,890	\$564,977	\$33,234
Pine Grove East	1996	2013	32	\$6,890	\$220,479	\$12,969
Pine Grove West	2008	2025	114	\$6,890	\$785,456	\$46,203
President's Residence	2013	2030	4	\$6,890	\$27,560	\$1,621
SCC-A	2014	2031	39	\$6,890	\$268,709	\$15,806
SCC-B	2013	2030	15	\$6,890	\$103,349	\$6,079
SCC-C	2014	2031	20	\$6,890	\$137,799	\$8,106
University HealthCare	2009	2026	7	\$6,890	\$48,230	\$2,837
University Village I	2010	2027	86	\$6,890	\$592,537	\$34,855
University Village II	2001	2018	144	\$6,890	\$992,155	\$58,362
University Village III	2005	2022	100	\$6,890	\$688,996	\$40,529
University Village IV	2007	2024	84	\$6,890	\$578,757	\$34,045
Totals:		Lifespan: 17 years	731		\$5,036,563	\$296,268

Water Heaters

Building	Install Date	Average Replacement Date	Number	Cost per Unit	Total Replacement Cost	Annual Cost
Concessions	2006	2019	3	\$985	\$2,954	\$227
Grounds Building	2002	2015	1	\$985	\$985	\$76
Pine Grove Central	2003	2016	42	\$985	\$41,361	\$3,182
Pine Grove East	1996	2009	16	\$985	\$15,757	\$1,212
Pine Grove West	2008	2021	56	\$985	\$55,149	\$4,242
President's Residence	1994	2007	1	\$985	\$985	\$76
SCC-A	1989	2002	2	\$985	\$1,970	\$152
SCC-B	1994	2007	1	\$985	\$985	\$76
SCC-C	1992	2005	1	\$985	\$985	\$76
University HealthCare	2009	2022	1	\$985	\$985	\$76
University Village I	2000	2013	46	\$985	\$45,301	\$3,485
University Village II	2001	2014	73	\$985	\$71,890	\$5,530
University Village III	2005	2018	50	\$985	\$49,240	\$3,788
University Village IV	2007	2020	42	\$985	\$41,361	\$3,182
Totals:	Lifespan: 13 years		336		\$329,907	\$25,377

Appliances

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

Building	Install	Average	Number	Cost per	Total	Annual
	Date	Replacement Date		Unit	Replacement Cost	Cost
Concessions	2011	2026	6	\$886	\$5,317.18	\$354
Great Lakes A - E	2013	2028	135	\$886	\$119,636.45	\$7,976
Living Center North (Brandimore)	2004	2019	605	\$886	\$536,148.53	\$35,743
Living Center South	2009	2024	605	\$886	\$536,148.53	\$35,743
Living Center Southwest	2014	2029	460	\$886	\$407,650.12	\$27,177
Pine Grove Central	2008	2023	200	\$886	\$177,239.18	\$11,816
Pine Grove East	2001	2016	96	\$886	\$85,074.81	\$5,672
Pine Grove West	2013	2028	324	\$886	\$287,127.48	\$19,142
President's Residence	2000	2015	7	\$886	\$6,203.37	\$414
Tranquil Hall F & G	2013	2028	54	\$886	\$47,854.58	\$3,190
University HealthCare	2014	2029	7	\$886	\$6,203.37	\$414
University Village I	2005	2020	492	\$886	\$436,008.39	\$29,067
University Village II	2006	2021	432	\$886	\$382,836.64	\$25,522
University Village III	2010	2025	300	\$886	\$265,858.77	\$17,724
University Village IV	2012	2027	252	\$886	\$223,321.37	\$14,888
Totals:		Lifespan: 15 years			\$3,517,312	\$234,487

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	\$361,110	\$1,083,329	\$43,333
Arbury Fine Arts Center	2002	2017	1	\$144,444	\$144,444	\$9,630
Arbury Fine Arts Center	2004	2019	1	\$173,332	\$173,332	\$11,555
Arbury Fine Arts Center	2010	2025	1	\$173,332	\$173,332	\$11,555
Doan Center (DHW, HWH from WC)	2014	2039	2	\$173,332	\$346,665	\$13,867
Founders Hall (HWH)	2005	2020	2	\$30,061	\$60,122	\$4,008
Great Lakes A - E (HWH)	1999	2014	10	\$115,555	\$1,155,554	\$77,037
Great Lakes A - E (DWH)	1999	2014	5	\$144,444	\$722,220	\$48,148
Health & Human Services	2009	2024	2	\$173,332	\$346,665	\$23,111
Health & Human Services	2009	2024	1	\$115,555	\$115,555	\$7,704
Living Center North (Brandimore) (HWH)	1999	2014	3	\$216,666	\$649,998	\$43,333
Living Center North (Brandimore) (DWH)	1999	2014	2	\$115,555	\$231,111	\$15,407
Living Center South (DWH)	2003	2018	2	\$115,555	\$231,111	\$15,407
Living Center South (HWH)	2003	2018	3	\$216,666	\$649,998	\$43,333
Living Center Southwest (HWH)	2008	2023	4	\$173,332	\$693,330	\$46,222
Ryder Center - Fieldhouse	2014	2039	2	\$18,419	\$36,838	\$1,474
Ryder Center - Pool	2011	2026	2	\$115,555	\$231,111	\$15,407
Ryder Center (DWH)	2007	2022	1	\$129,999	\$129,999	\$8,667
Ryder Center (HWH)	2014	2039	5	\$210,496	\$1,052,481	\$42,099
Science Building - East (DWH)	1999	2014	1	\$115,555	\$115,555	\$7,704
Science Building - East (HWH)	2000	2015	3	\$288,888	\$866,664	\$57,778
Science Building - West (DWH)	2003	2018	1	\$115,555	\$115,555	\$7,704
Science Building - West (HWH)	2012	2027	6	\$144,444	\$866,664	\$57,778
Student Center	2003	2018	2	\$144,444	\$288,888	\$19,259
Tranquil Hall F & G (DWH)	2017	2032	2	\$144,444	\$288,888	\$19,259
Tranquil Hall F & G (HWH)	2000	2015	4	\$115,555	\$462,222	\$30,815
University Village I (DWH)	2000	2015	4	\$86,667	\$346,667	\$23,111
University Village I (HWH)	2000	2015	4	\$86,667	\$346,667	\$23,111
West Complex (DWH)	2014	2039	2	\$144,444	\$288,888	\$11,556
West Complex (HWH)	2010	2035	7	\$115,555	\$808,888	\$32,356
Wickes Hall	1999	2024	2	\$433,332	\$866,664	\$34,667
Zahnow Library - Food Court (DWH)	2005	2020	2	\$115,555	\$231,111	\$15,407
Zahnow Library - Food Court (HWH)	2005	2020	2	\$173,332	\$346,665	\$23,111
Totals:		Lifespan: 15 or 25 years	94		\$14,467,178	\$844,912

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	\$462,220	\$27,189
Doan Center / 320	1994	2011	1	\$216,666	\$12,745
West Complex / 1000	2013	2030	1	\$664,441	\$39,085
Pioneer Hall / 640	1998	2015	1	\$404,443	\$23,791
Gilbertson Hall (REC) / 450	2002	2019	1	\$303,332	\$17,843
Gilbertson Hall (REC) / 450	2002	2019	1	\$303,332	\$17,843
Ryder / 500	2004	2021	1	\$332,221	\$19,542
Arbury / 60	2002	2019	1	\$43,333	\$2,549
Totals:	Lifespan: 17 years		8	\$2,729,988	\$160,588
Cooling Towers					
Science West	1984	2014	1	\$288,888	\$9,630
Doan Center	1994	2024	1	\$288,888	\$9,630
West Complex	2013	2028	1	\$288,888	\$19,259
Pioneer Hall	1998	2028	1	\$288,888	\$9,630
Gilbertson Hall (REC)	2003	2033	1	\$288,888	\$9,630
Gilbertson Hall (REC)	2003	2033	1	\$288,888	\$9,630
Ryder	2004	2034	1	\$288,888	\$9,630
Totals:	Lifespan: 15 or 30 years		7	\$2,022,215	\$77,037
Heat Pumps					
Gilbertson Hall (REC)-10 units@70 tons each	2010	2025	10	\$866,664	\$57,778
West Complex - 2 units @ 40 tons each	2013	2028	2	\$16,993	\$1,133
Totals:	Lifespan: 15 years		12	\$883,656	\$58,910

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	\$137.81	\$5,592,382	\$69,905
Storm Sewer	1990	2070	86,635	\$147.66	\$12,792,458	\$159,906
Water	1992	2072	48,720	\$59.06	\$2,877,583	\$35,970
Totals:	Lifespan: 80 years				\$21,262,423	\$265,780

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	\$246,201	\$8,207
West Complex to Doan Center	1991	2021	\$36,234	\$1,208
Main Loop Switches 1 & 2, 66/68 Building	2001	2031	\$188,035	\$6,268
Ryder Center to Loop Switch 4	2002	2032	\$126,820	\$4,227
Manhole #6 to Manhole #6A to Living Center South	2003	2033	\$84,615	\$2,821
University Villages	2003	2033	\$1,226,556	\$40,885
Pine Grove	2008	2038	\$223,280	\$7,443
Health & Human Services	2010	2040	\$85,011	\$2,834
Totals:	Lifespan: 30 years		\$2,216,754	\$73,892

8320 Volt Distribution System

Description	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Duct Banks	1966	2046	\$19,490,318	243,629
Cable	1995	2025	\$4,815,881	160,529
Health & Human Services Cable	2010	2040	\$178,368	5,946
Totals:	Lifespan: 30 or 80 years		\$24,484,567	410,104

Food Services Equipment

Location	Description	Install Date	Lifespan	Average	Quantity	Cost per Unit	Total	Annual Cost
				Replacement Date			Replacement Cost	
Doan Marketplace- D151								
Desert Section Island (Main Dining)								
	Refrigerator (2 Door)	2005	20	2025	1	\$5,959	\$5,959	\$298
	Cooler (2 Door)	2005	20	2025	1	\$3,820	\$3,820	\$191
	Reach In Freezer (1 Door)	1995	20	2015	1	\$5,042	\$5,042	\$252
	Reach In Freezer	1995	20	2015	1	\$7,640	\$7,640	\$382
	Ice Cream Cooler	2005	15	2020	1	\$9,167	\$9,167	\$611
Main Lobby Dining								
	Ice Cream Machine	2015	15	2030	1	\$18,884	\$18,884	\$1,259
	Cooler (2 Door)	2005	20	2025	1	\$3,820	\$3,820	\$191
	Food Warmer	2005	15	2020	6	\$2,597	\$15,584	\$1,039
	Island Cooler for Ice Prep.	2005	15	2020	1	\$21,391	\$21,391	\$1,426
	Prep Table/3 door cooler	1996	20	2016	1	\$13,751	\$13,751	\$688
	Grill	1996	20	2016	1	\$12,224	\$12,224	\$611
	Holding Oven	1996	20	2016	1	\$11,459	\$11,459	\$573
	Food Warmer and Cooler	1996	15	2011	1	\$9,167	\$9,167	\$611
Main Lobby Dining (Right Side Salad Bar Side)								
	Salad Prep Table	1996	15	2011	1	\$1,528	\$1,528	\$102
	Soup Heater	2005	4	2009	2	\$764	\$1,527	\$382
	Soup Heater	2009	4	2013	2	\$733	\$1,467	\$367
	Salad Prep Table	2006	15	2021	2	\$3,820	\$7,640	\$509
	Salad/Deli Prep Table	1996	15	2011	1	\$3,820	\$3,820	\$255
	Salad Prep Table	2005	15	2020	1	\$3,820	\$3,820	\$255
1st Floor Kitchen Main Dining								
	Steamer	2016	7	2023	2	\$20,441	\$40,883	\$5,840
	Tilt Top Skillet	1996	15	2011	1	\$22,920	\$22,920	\$1,528
	Flat Top Range	1996	20	2016	1	\$15,279	\$15,279	\$764
	Cooler (2 Door)	1996	20	2016	1	\$7,640	\$7,640	\$382
	Cookie Oven	1996	20	2016	1	\$30,559	\$30,559	\$1,528
	Holding Oven	1996	20	2016	1	\$22,920	\$22,920	\$1,146
	Oven	1996	20	2016	1	\$15,279	\$15,279	\$764
	Grill	1999	15	2014	1	\$9,167	\$9,167	\$611
	Fryer	1996	15	2011	1	\$4,278	\$4,278	\$285
	Ice Machine	2006	15	2021	1	\$7,640	\$7,640	\$509
	Food Warmer and Cooler	2006	20	2026	1	\$7,640	\$7,640	\$382
	Convection Oven	1996	20	2016	8	\$12,224	\$97,792	\$4,890
	Convection Oven	2006	20	2026	4	\$12,224	\$48,896	\$2,445
	Convection Oven	2017	20	2037	4	\$12,121	\$48,483	\$2,424
	Hot Boxes (2 Door)	2006	15	2021	1	\$7,640	\$7,640	\$509
	Hot Boxes (2 Door)	2006	15	2021	1	\$7,640	\$7,640	\$509
	Hot Boxes (2 Door)	2006	15	2021	1	\$7,640	\$7,640	\$509
	Holding Oven	2006	15	2021	1	\$2,139	\$2,139	\$143
	Walk in Freezer (#6 Baked Goods)	2006	15	2021	1	\$30,559	\$30,559	\$2,037
	Walk in Cooler (#5)	2006	20	2026	1	\$30,559	\$30,559	\$1,528

Food Services Equipment

Location	Description	Install Date	Lifespan	Average Replacement		Cost per Unit	Total Replacement Cost	Annual Cost
				Date	Quantity			
	Walk in Freezer (#4 Meat)	2006	20	2026	1	\$30,559	\$30,559	\$1,528
	Walk in Cooler (#3 Grill Comfort)	2006	20	2026	1	\$30,559	\$30,559	\$1,528
	Walk in Cooler (#2 Produce)	2006	20	2026	1	\$30,559	\$30,559	\$1,528
	Walk in Cooler (#1 Catering)	2006	20	2026	1	\$30,559	\$30,559	\$1,528
	Warming Unit	2007	15	2022	2	\$2,597	\$5,195	\$346
Doan Marketplace Totals:							\$750,696	\$45,194
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	\$3,055	\$3,055	\$153
	Cooler	2005	20	2025	1	\$5,195	\$5,195	\$260
	Cooler (2 Door)	1996	20	2016	1	\$7,640	\$7,640	\$382
	Ice Machine	2005	15	2020	1	\$7,640	\$7,640	\$509
Beverages (C246)								
	Ice Machine	1996	15	2011	2	\$7,640	\$15,281	\$1,019
	Cooler (4 Door)	1996	20	2016	1	\$7,946	\$7,946	\$397
	Cooler (3 Door)	1996	20	2016	1	\$6,876	\$6,876	\$344
	Refrigerator	2003	20	2023	1	\$6,112	\$6,112	\$306
President's Kitchen (C226)								
	Freezer (2 Door)	1996	20	2016	1	\$22,920	\$22,920	\$1,146
	Cooler (2 Door)	1996	20	2016	1	\$22,920	\$22,920	\$1,146
	Ice Machine	1996	15	2011	1	\$7,640	\$7,640	\$509
	Cooler (2 Door)	1996	20	2016	1	\$22,920	\$22,920	\$1,146
	Warming Prep Table (4 Pans)	1996	15	2011	1	\$15,279	\$15,279	\$1,019
	Oven (4 Drawer)	1996	15	2011	1	\$12,224	\$12,224	\$815
	Refrigerator	1996	20	2016	1	\$6,112	\$6,112	\$306
	Warming Station (1 Door)	1996	15	2011	1	\$2,139	\$2,139	\$143
	Cooler (2 Door)	1996	20	2016	1	\$7,793	\$7,793	\$390
	Cooler (2 Door)	1996	20	2016	1	\$18,335	\$18,335	\$917
	Oven	2005	15	2020	1	\$11,448	\$11,448	\$763
Campus Dining Office (C122)								
	Refrigerator (1 Door)	2008	10	2018	2	\$1,528	\$3,057	\$306
Finishing Kitchen (C248 & C249)								
	Warming Unit	1996	15	2011	6	\$2,597	\$15,584	\$1,039
	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 Replacement		Cost per Unit	Total Replacement Cost	Annual Cost
				Date	Quantity			
	Ice Machine	1996	15	2011	1	\$7,640	\$7,640	\$509
	Ice Machine				1			
	Warming Unit (4 Tray Holders)	1996	15	2011	3	\$3,055	\$9,166	\$611
	Cooler	2005	20	2025	1	\$6,112	\$6,112	\$306
Curtiss Hall Totals:							\$251,033	14,438
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	\$5,807	\$5,807	\$290
	Walk In Cooler (7 Doors)	2003	20	2023	1	\$30,559	\$30,559	\$1,528
	Walk In Freezer (5 Doors)	2003	20	2023	1	\$30,559	\$30,558.73	\$1,528
	Freezer (3 Door)	2004	20	2024	1	\$12,224	\$12,224	\$611
	Freal Milkshake Machine	2012			1			
	Hoshizaki Ice Maker	2012			1			
Student Center Totals:							\$79,148	3,957
Gilbertson Hall (REC)								
Einstein Bros. Bagels								
	Ice Machine	2003	10	2013	1	\$7,640	\$7,640	\$764
	Freezer	2003	20	2023	1	\$7,640	\$7,640	\$382
	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	Lifespan	Average	Quantity	Cost per Unit	Total	Annual Cost
				Replacement Date			Replacement Cost	
2nd Floor Kitchen (ES205)								
	Ice Machine	2003	15	2018	1	\$7,640	\$7,640	\$509
	Refrigerator (3 Door)	2003	15	2018	1	\$6,112	\$6,112	\$407
	Freezer (1 Door)	2003	20	2023	1	\$7,640	\$7,640	\$382
	Warming Unit	2003	20	2023	3	\$2,597	\$7,792	\$390
	Warming Unit (Hot Food)	2003	15	2018	5	\$2,597	\$12,986	\$866
	Warming Unit	2007	15	2022	1	\$2,597	\$2,597	\$173
Regional Education Center Totals:							\$60,048	\$3,873
Science East								
Starbucks (2017)								
	Equipment (brewers, grinder, warmer, ovens, etc.)	2017	10	2027	1	\$203,294	\$203,294	\$20,329
Science East Totals:							\$203,294	\$20,329
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	\$15,279	\$15,279	\$1,019
	Drop In Freezer Counter Top		8		1			
	Salad Prep Table with 2 Door cooler	2004	15	2019	1	\$15,279	\$15,279	\$1,019
	Cooler with Prep Sink		15	15	1	\$12,224	\$12,224	\$815
	Reach In Cooler (2 Door)		20	20	1	\$7,640	\$7,640	\$382
	Fryer	1996	15	2011	1	\$4,584	\$4,584	\$306
	Stove	2005	20	2025	1	\$15,279	\$15,279	\$764
	Fryer	2005	15	2020	1	\$4,584	\$4,584	\$306
	Stove Char Grill	2005	15	2020	1	\$12,224	\$12,224	\$815
	Grill Flat Top	2005	15	2020	1	\$16,808	\$16,808	\$1,121
	Ice Cream Cooler (Countertop Storage)	2003	15	2018	1	\$3,820	\$3,820	\$255
	Reach In Freezer	1996	20	2016	1	\$6,112	\$6,112	\$306
	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	\$20,017	\$20,017	\$2,002
	Equipment (fridge, induction lines, etc.)	2017	10	2027	1	\$31,041	\$31,041	\$3,104
	Equipment (rice cooker, warmers, wok)	2017	10	2027	1	\$26,957	\$26,957	\$2,696
	Equipment (flat top grill)	2017	10	2027	1	\$739	\$739	\$74
	Equipment (sneeze guards)	2017	10	2027	1	\$1,058	\$1,058	\$106
Zahnow Library Food Court Totals:							\$193,645	\$15,086
Wickes Stadium								
	Ice Machine	2008	15	2023	1	\$7,640	\$7,640	\$509
	Cooler (2 Door)	2007	20	2027	1	\$5,347	\$5,347	\$267
	Warming Unit	2007	15	2022	1	\$2,597	\$2,597	\$173
	Warming Unit		15	15				\$0

Food Services Equipment

Location	Description	Install Date	Lifespan	Average Replacement Date	Quantity	Cost per Unit	Total Replacement Cost	Annual Cost
	Warming Unit (2 Drawer)	2007	15	2022	1	\$2,597	\$2,597	\$173
	Cooler	2003	20	2023	1	\$6,112	\$6,112	\$306
	Popcorn Machine							
	2 Door Freezer							
	Cooler (2 Door)							
	Football South Side							
	Cooler Reach In	1995	20	2015	1	\$2,292	\$2,292	\$115
	Popcorn Machine	1995	10	2005	1	\$2,292	\$2,292	\$229
	Football North Side							
	Warming Unit (2 Drawer)	2007	15	2022	1	\$2,216	\$2,216	\$148
	Popcorn Machine	1995	10	2005	1	\$2,292	\$2,292	\$229
	Wickes Stadium Totals:						\$33,386	\$2,149
	Food Service Equipment Consolidated Totals:	Lifespan:		varies			\$1,571,251	\$105,028

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	\$22,920	\$22,920	
	Dimmer Racks			6	\$168,073	\$1,008,438	
	Follow Spotlights			2	\$9,167	\$18,335	
	LineArray Front of House Speakers			12	\$91,676	\$1,100,114	
	Cyc			1	\$7,640	\$7,640	
	Black Sharkstooth Scrim			1	\$4,584	\$4,584	
	Mechanical Hoist Apron Electric			1	\$22,920	\$22,920	
	Front of House Projector			1	\$61,117	\$61,117	
	Wireless Headsets			4	\$1,528	\$6,113	
	Reropeing Fly system			1	\$15,279	\$15,279	
	Arial Lift			1	\$15,279	\$15,279	
	Permenant Refinishing of Floor			1	\$18,335	\$18,335	
	Video Rack Upgrade			1	\$12,224	\$12,224	
	L & E MR-16 CYC Strips			8	\$1,834	\$14,670	
	Pipe- Screen Lineset			1	\$1,528	\$1,528	
Rhea Miller Recital Hall (Curtis Hall)							
	Line Array F of H sepakers			included in MFT		-	
	Audio Borad			1	\$12,224	\$12,224	
	Motorized Front Stage Light Bar			1	\$22,920	\$22,920	
	Source 4 Ellipsoidals			12	\$611	\$7,330	
Black Box Theatre/Studio (Curtis Hall)							
	Lighting Board			1	\$21,391	\$21,391	
	Audio Board			1	\$12,224	\$12,224	
	Camera w/ link to MFT			1	\$7,640	\$7,640	
	Source 4 PARNel			30	\$374	\$11,219	
	Source 4 Ellipsoidals			30	\$524	\$15,728	
Founders Hall							
	Lighting Dimmer Rack	2013		1	\$29,087	\$29,087	
	Lighting Board			1	\$11,635	\$11,635	
Totals:						\$2,480,894	\$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	\$14,161	\$14,161	\$3,540.27
	UPS	2007	15	2027	1	\$56,644	\$56,644	\$3,776.29
	A/C Capacitors	2007	8	2017	1	\$4,956	\$4,956	\$619.56
Document Imaging								
	Scanners			As Needed				\$6,012.18
Network Components								
	Wireless (ResNet)	2015	4	2019			\$915,615	\$228,904
	Closet Electronics	2015-2017	5	2020-2022			\$1,240,755	\$248,151
	Coset UPS	As Needed	3	As Needed			\$80,573	\$26,858
	VM Servers (includes Colleague Server)		5	+2 per year			\$100,716	\$20,143
	Major Network Components		5	2015-2016			\$704,826	\$140,965
	SAN		5	FY18			\$283,264	\$56,653
	NAC		5	2015			\$186,325	\$37,265
	VPN		5	2017			\$12,590	\$2,518
	Backup Solution	2015	5	2020			\$299,630	\$59,926
	Disaster Recovery (equipment)		5	2018			\$163,664	\$32,733
Campuswide								
Classrooms & Offices								
	Distance Ed Codecs	2014	5	2019			\$210,144	\$42,029
	Lab computers		5	Recycled after 5			\$1,905,862	\$381,172
	Faculty computers		4	Recycled after 4			\$480,975	\$120,244
	Classroom Technology		8	Ongoing			\$2,426,931	\$303,366
	ME458 Servers		3	2017			\$34,684	\$11,561
	Wireless (Classroom)	2015-2017	5	2018-2020			\$2,610,993	\$522,199
Gilbertson Hall (REC)								
	Ott Auditorium Technology - FY13		9				\$353,514	\$82,264
	Ott Auditorium Technology - FY14							\$100,325
	Ott Auditorium Technology - FY15							\$98,042
	Ott Auditorium Technology - Ongoing							\$39,279
Totals:					3		\$12,086,822	\$2,568,545

Parking Lots

Parking Lot	Install Date	Average Replacement Date	Square Feet	Cost per Square Foot	Total Replacement Cost	Annual Cost
A	2010	2030	99,000	\$2.92	\$289,270	\$14,464
C	2012	2032	94,125	\$2.92	\$275,026	\$13,751
C1	2013	2033	82,700	\$2.92	\$241,643	\$12,082
D	2018	2038	112,000	\$2.92	\$327,255	\$16,363
E	2011	2031	193,000	\$2.92	\$563,931	\$28,197
F	2009	2029	221,250	\$2.92	\$646,475	\$32,324
H	2010	2030	107,250	\$2.92	\$313,376	\$15,669
J	2013	2033	138,000	\$2.92	\$403,225	\$20,161
J1	2019	2039	133,650	\$2.92	\$390,515	\$19,526
J2	2010	2030	141,100	\$2.92	\$412,283	\$20,614
J3	2017	2037	133,650	\$2.92	\$390,515	\$19,526
J4	2006	2026	50,400	\$2.92	\$147,265	\$7,363
K	2017	2037	84,150	\$2.92	\$245,880	\$12,294
L	2006	2026	102,600	\$2.92	\$299,789	\$14,989
R	2000	2020	88,900	\$2.92	\$259,759	\$12,988
Bookstore	2003	2023	16,000	\$2.92	\$46,751	\$2,338
Concessions	2006	2026	16,864	\$2.92	\$49,275	\$2,464
Continuing Education	1997	2017	3,600	\$2.92	\$10,519	\$526
Curtiss Hall Circle	2020	2040	16,079	\$2.92	\$46,982	\$2,349
Fine Arts Circle (West of Bldg.)	2013	2033	19,600	\$2.92	\$57,270	\$2,863
Fine Arts Drive (North of Bldg.)	2019	2039	29,700	\$2.92	\$86,781	\$4,339
Founders Hall	1994	2014	7,043	\$2.92	\$20,579	\$1,029
Fox Lot	2018	2038	4,800	\$2.92	\$14,009	\$700
Gilbertson Hall	2003	2023	300,000	\$2.92	\$876,576	\$43,829
Grounds	2007	2027	30,000	\$2.92	\$87,658	\$4,383
Pine Grove Central	2014	2034	28,800	\$2.92	\$84,151	\$4,208
Pine Grove East	1996	2016	14,400	\$2.92	\$42,076	\$2,104
Pine Grove West	2008	2028	53,000	\$2.92	\$154,862	\$7,743
Pioneer Hall - Service	2007	2027	11,400	\$2.92	\$33,310	\$1,665
Ryder Service	2007	2027	5,400	\$2.92	\$15,778	\$789
SCC-A	2011	2031	13,000	\$2.92	\$37,985	\$1,899
SCC-A South	2011	2031	10,800	\$2.92	\$31,557	\$1,578
SCC-C North	2013	2033	15,000	\$2.92	\$43,829	\$2,191
Univ. Village - Visitor Parking	2018	2038	13,500	\$2.92	\$39,446	\$1,972
Univ. Village I - East (addtn.)	2004	2024	6,000	\$2.92	\$17,532	\$877
Univ. Village I - East (original)	2000	2020	14,850	\$2.92	\$43,391	\$2,170
Univ. Village I - Southeast	2004	2024	32,000	\$2.92	\$93,501	\$4,675
Univ. Village II - South (addtn.)	2004	2024	33,000	\$2.92	\$96,423	\$4,821
Univ. Village II - South (original)	2001	2021	34,200	\$2.92	\$99,930	\$4,996
Univ. Village III	2005	2025	125,607	\$2.92	\$367,014	\$18,351
University HealthCare	2009	2029	20,000	\$2.92	\$58,438	\$2,922
University Village - West	2001	2021	64,800	\$2.92	\$189,341	\$9,467
University Village IV	2007	2027	37,000	\$2.92	\$108,111	\$5,406
West Complex / Doan (concrete)	1994	2014	13,500	\$2.92	\$39,446	\$1,972
Wickes Circle	2001	2021	29,025	\$2.92	\$84,809	\$4,240
Wickes Stadium VIP/Handicap	2016	2036	44,000	\$2.92	\$128,565	\$6,428
Totals:		Lifespan: 20 years	2,844,743		\$8,312,099	\$415,605

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	\$2.89	\$72,146	\$3,607
College Dr.-East of Collings West	2012	2032	115,000	\$2.89	\$331,873	\$16,594
Fox Drive	2012	2032	7,000	\$2.89	\$20,201	\$1,010
University Drive	2000	2020	42,000	\$2.89	\$121,206	\$6,060
South Campus Entrance Drive	2008	2028	28,000	\$2.89	\$80,804	\$4,040
Collings - East & North of Fox	2012	2032	70,000	\$2.89	\$202,009	\$10,100
Collings - West & North of Fox	2012	2032	70,000	\$2.89	\$202,009	\$10,100
Davis Road	2008	2028	64,000	\$2.89	\$184,694	\$9,235
Davis Road Walkway (Asphalt)	2016	2036	8,000	\$2.89	\$23,087	\$1,154
Drive to Football Field & Track	2006	2026	20,000	\$2.89	\$57,717	\$2,886
Non-Motorized Pathway	2011	2031	132,000	\$2.89	\$380,932	\$19,047
Pine Grove Lane	2010	2030	40,000	\$3.61	\$144,292	\$7,215
Pine Grove West Lane	2008	2028	26,000	\$2.89	\$75,032	\$3,752
Totals:		Lifespan: 20 years	647,000		1,896,002	94,800

Sidewalks

Area	Install Date	Average Replacement Date	Square Feet	Cost per Square Foot	Total Replacement Cost	Annual Cost
Sidewalks - A	1998	2028	42,000	\$9.85	\$413,614	\$13,787
Sidewalks - B	2005	2035	166,506	\$9.85	\$1,639,744	\$54,658
Sidewalks - C	2010	2040	44,830	\$9.85	\$441,484	\$14,716
Sidewalks - D	2006	2036	149,040	\$9.85	\$1,467,740	\$48,925
Sidewalks - E	2004	2034	137,301	\$9.85	\$1,352,134	\$45,071
Sidewalks - F	2007	2037	60,000	\$9.85	\$590,877	\$19,696
Sidewalks - 2013	2013	2043	12,000	\$9.85	\$118,175	\$3,939
Sidewalks - Davis Road	2016	2046	6,000	\$9.85	\$59,088	\$1,970
Sidewalks - Pine Grove Central	2018	2048	10,500	\$9.85	\$103,396	\$3,447
Sidewalks - Pine Grove West	2008	2038	40,800	\$9.85	\$401,797	\$13,393
Sidewalks - Ryder Fieldhouse	2014	2044	13,000	\$9.85	\$128,023	\$4,267
Sidewalks - University HealthCare	2009	2039	1,000	\$9.85	\$9,848	\$328
Sidewalks - Health Science	2010	2040	17,000	\$9.85	\$167,415	\$5,581
Sidewalks - C-Lot	2010	2040	7,600	\$9.85	\$74,844	\$2,495
Wickes Stadium - Concrete	2011	2041	19,971	\$9.85	\$196,674	\$6,556
Totals:		Lifespan: 30 years	727,548		\$7,164,854	\$238,828

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	\$8.68	\$1,772,781	\$88,639
International Sculpture Gardens	2007	2037	4,000		\$496,024	\$16,534
Museum Gardens	2013	2043	15,000	\$23.60	\$354,058	\$11,802
Athletic Fields						
Soccer	2009	2039	2 Fields	\$24,609	\$49,218	\$1,641
Tennis Courts	2010	2030	6 Courts	\$127,256	\$763,538	\$38,177
Wickes Football Field Turf	2011	2021	80,000	\$9.03	\$722,424	\$72,242
Softball / Baseball Fields	1990	2020	430,000	\$1.37	\$589,435	\$19,648
Intramural Fields East	2016	2046	492,000	\$0.38	\$189,312	\$6,310
Intramural Fields West	2008	2038	246,000	\$0.38	\$94,656	\$3,155
Housing Recreational Fields	2005	2025	3 b-ball/3 v-ball	\$29,531	\$177,184	\$8,859
Ryder Center - Fieldhouse Turf	2015	2025	46,500	\$13.77	\$640,229	\$64,023
Outdoor Facilities						
Football Stadium Bleacher Area	1995	2030	17,800	\$55.31	\$984,555	\$28,130
Amphitheatre & Bell Tower	1996	2046			\$1,031,234	\$20,625
Soccer Bleachers	2007	2042	200	\$55.31	\$11,062	\$316
Baseball Bleachers	2007	2042	4,500	\$55.31	\$248,904	\$7,112
Softball Bleachers	2007	2042	2,400	\$55.31	\$132,749	\$3,793
Site Furnishings						
Benches	2009	2024	82	\$2,953	\$242,161	\$16,144
Trash Cans	2009	2024	160	\$788	\$126,015	\$8,401
Directory Signs	1990	2020	15	\$4,922	\$73,824	\$2,461
Information Kiosks	1990	2020	2	\$9,843	\$19,686	\$656
University Village Signs	2009	2024	2	\$3,938	\$7,876	\$525
Pine Grove Signs	2009	2024	1	\$3,938	\$3,938	\$263
Campuswide Wayfinding Signs	2016	2036	1	\$276,560	\$276,560	\$13,828
Main Entrance Sign	2004	2024	1	\$689,052	\$689,052	\$34,453
Cardinal Events Sign	2012	2022	1	\$88,289	\$88,289	\$8,829
College Drive Electronic Sign	2016	2031	1	\$60,122	\$60,122	\$4,008
I Love SVSU Sign	2014	2034	1	\$10,525	\$10,525	\$526
Bicycle Racks	2007	2027	97	\$410	\$39,773	\$1,989
Night/Day Fountain	1987	2037	1	\$160,525	\$160,525	\$3,211
Gazelle Fountain	1975	2025	1	\$120,394	\$120,394	\$2,408
North & South Pond Fountains	2011	2021	2	\$27,809	\$55,618	\$5,562
Otter Fountain	2013	2063	1	\$21,243	\$21,243	\$425
Secondary Entrance Signs	2007	2027	3	\$19,263	\$57,789	\$2,889
University HealthCare Signs	2009	2029	2	\$42,783	\$85,565	\$4,278
Totals:	Lifespan: Varies				\$10,396,319	\$501,861

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	\$452,566	\$9,051
Fiber	1996	2046	\$458,085	\$9,162
Aerial Fiber (24 Miles)	2005	2055	\$546,866	\$10,937
Totals:	Lifespan: 50 or 80 years		\$1,457,517	\$29,150

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	\$16.26	\$1,325,429	\$44,181
Fixtures	2013	2043	1,100	\$3,938	\$4,331,779	\$144,393
Totals:	Lifespan: 30 years		82,630		\$5,657,207	\$188,574