



SAGINAW VALLEY
STATE UNIVERSITY®

Five-Year Capital Outlay Plan

FY 2024 – FY 2028

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

- 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

- Accelerated Certificate with Residency
- 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 Computer Engineering (B.S.Cp.E)
 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 2022

<u>College</u>	<u>Full-Time</u>	<u>Part-Time</u>	<u>Total</u>
College of Arts & Behavioral Sciences	1,146	239	1,385
College of Business & Management	867	114	981
College of Education	589	294	883
College of Science, Engineering & Technology	1,051	221	1,272
Crystal M. Lange College of Health & Human Services	1,848	509	2,357
Others -- Undeclared/Non-Degree	<u>200</u>	<u>69</u>	<u>269</u>
Totals	<u>5,701</u>	<u>1,446</u>	<u>7,147</u>

SVSU, as other regional universities, underwent a drop in student enrollment due to the decline in high school graduates. Given the demographics, we expect our enrollment to be around 7,000 for the next couple years.

Fall semester 2018	8,535
Fall semester 2019	8,265
Fall semester 2020	8,030
Fall semester 2021	7,523
Fall Semester 2022	7,147
(Projected) Fall Semester 2023	7,000

**Faculty/Staff Student Credit Hour Ratio
Fall 2022**

	<u>FTE</u>	<u>Credit Hours (CH)</u>	<u>Ratio: CH/FTE</u>
College of Arts & Behavioral Sciences			
Faculty	131.1	33,239	254
Administrative/Secretarial	6.1		5,449
Scott L. Carmona College of Business			
Faculty	36.3	9,444	260
Administrative/Secretarial	9.3		1,015
College of Education			
Faculty	28.8	6,898	240
Administrative/Secretarial	11.8		585
College of Science, Engineering & Technology			
Faculty	93.4	21,688	232
Administrative/Secretarial	15.5		1,399
Crystal M. Lange College of Health & Human Services			
Faculty	70.1	16,032	229
Administrative/Secretarial	22.3		719

Fall 2022 - Average Class Size

22.16

IV. Facility Assessment

See Attached

Facilities Assessment & Deferred Maintenance Capital Planning Report

V. Implementation Plan

**SAGINAW VALLEY STATE UNIVERSITY
FY2024 CAPITAL OUTLAY PROJECT REQUEST
LAKE HURON ENVIRONMENTAL SCIENCES RESEARCH STATION**

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?	New Construction
Are a Professional Program Statement and/or Schematics available?	No
Are required Match Resources currently available?	Yes

A. Project Description Narrative

Saginaw Valley State University (SVSU) is seeking \$7.5 million in state support to assist with a 10,000 sq. ft. building.

The proposed Lake Huron Environmental Sciences Research Station will be a multi-purpose research facility that contains traditional, general-purpose classrooms, larger meeting spaces, along with research laboratories, and faculty offices. This capital improvement project is intended to construct the first university environmental sciences research station on Lake Huron to assist with providing data and information for various academic and research purposes.

Describe the scope of the project.

A Lake Huron Environmental Sciences Research Station which is located on the waters of the Saginaw Bay and operated by SVSU will offer many various collaborative opportunities with local, state, and federal partners (County Public Health, EGLE, EPA, USGS, NOAA, TNC, MSU-IWR, etc.). Saginaw Bay and Lake Huron are very important in the Great Lakes ecosystem and economy. Currently, no university-operated research station exists on Lake Huron.

The ecosystem dynamics on Lake Huron are not well understood because of large data gaps for the Lake and various watersheds. Various projects at SVSU, including a recent EPA-funded project, are working to address major data gaps on Lake Huron. This Research Station will

involve multiple agencies to study nutrient and sediment transport from tributaries to open water, which would provide key information for the EPA's anticipated delisting of the Saginaw River and Bay Area of Concern by 2030.

A research station on Lake Huron would complement the efforts of many various agencies and universities by enabling direct access for onsite, real-time observations of the Lake and its ecosystem. The real-time observations and monitoring afforded by an on-site research station will provide data and information necessary to adaptively manage the ecosystem for resiliency to various changes. Along with the research activities related to Lake Huron restoration, a research station would serve as an outreach site for the community to showcase the ecosystem and the efforts of the Saginaw Bay Environmental Science Institute of SVSU.

The station would also serve as an educational setting for SVSU classes as well as visiting high-school student programs. Students in the Environmental Science and the Environmental & Sustainability programs at SVSU will benefit from classes held on-site at the Research Station, taking advantage of the direct access to the ecosystem they are studying. Similarly, experiential programs that bring high school students to the Research Station, such as summer internships, will benefit from the accessibility to Lake Huron. The availability of the research station as a teaching location will benefit students at all levels and showcase environmental science education on Lake Huron.

The station would also serve as an educational center for K-12 programs, hosted by SVSU or other entities. Engaging K-12 students with environmental science and STEM benefits the region in numerous ways, including providing the initial stages of workforce development in these areas.

B. Other Alternatives Considered

The only alternative to this project is to continue with our research and studies through our on-campus sites in University Center. This requested project is preferable because it is located off-site, next to the natural resource which the academic programs and researchers would be studying.

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

The creation of the first environmental sciences research station on Lake Huron is going to be a magnet for freshwater researchers from all over the world. As well, this research station will attract the brightest undergraduate students to want to study environmental sciences at SVSU. Finally, students enrolled in the program will be entering some of the highest demand jobs in Michigan. An investment in SVSU is really an investment in the future success of Mid-Michigan. Students who complete coursework in this research station will likely go onto work for companies and organizations which seek graduates in environmental sciences: EPA, EGLE, County Departments of Public Health, Dow, DuPont, as well as many various small organizations and companies located in our Region and State.

D. Match Resources

SVSU will commit University resources of \$2.5 million (25%) from capital project reserves, however we will also be seeking alternate funding.

**Capital Outlay Project Request
Lake Huron Environmental Sciences Research Station
Project Budget**

Professional Fees	\$ 851,300
Construction Costs	7,794,500
Equipment & Technology	1,107,700
Furniture	200,000
Miscellaneous	46,500
Total	<u>\$ 10,000,000</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	Lake Huron Environmental Sciences Research Station	10,000	\$ 10,000,000	\$ 7,500,000	--	May 2023	Aug. 2025	A
*	Brown Hall	64,000	\$28,845,000	\$21,800,000	--	May 2024	Aug. 2025	*

Codes for Status Column:

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

*Project approved per Public Act No. 166 Public Act of 2022. Project moved directly to construction authorization. We are currently in the 200/300 schematic design phase.

**Saginaw Valley State University
Capital Outlay Plan
FY 2024 - FY 2028**

	Project Period	Project Cost Estimate	Funding Sources			
			General Fund	State of Michigan	Self Supporting	Other
<u>Academic and Other Facilities</u>						
Lake Huron Environmental Sciences Research Station	FY23-FY25	\$ 10,000,000		\$ 7,500,000		\$ 2,500,000
Science West Renovation	FY26-FY28	14,000,000		10,500,000		3,500,000
Alumni Relations Project	FY26-FY28	8,940,000				8,940,000
<u>Major Expansion, Maintenance & Renovation</u>						
Energy Conservation Initiatives	FY24-FY28	5,000,000				5,000,000
Campus Infrastructure/Deferred Maintenance	FY24-FY28	35,000,000			\$ 20,000,000	15,000,000
Technology	FY24-FY28	8,000,000				8,000,000
		<u>\$ 80,940,000</u>	<u>\$ -</u>	<u>\$ 18,000,000</u>	<u>\$ 20,000,000</u>	<u>\$ 42,940,000</u>



Facilities Assessment
Deferred Maintenance Capital Planning
Updated - October 17, 2022

Deferred Maintenance

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Page	Category	Total Replacement Cost
3.	Roofs	\$13,098,017
4.	Structure / Glazing / Cladding	\$161,049,085
5.	Ceilings / Doors / Frames	\$47,439,293
6.	Carpet	\$11,683,036
7.	Furniture	\$29,793,424
8.	Plumbing / Electrical	\$114,682,405
9.	Lighting	\$73,422,043
10.	HVAC	\$110,017,020
11.	Furnaces / Condensing Units	\$5,258,172
12.	Water Heaters	\$344,422
13.	Appliances	\$3,672,073
14.	Boilers	\$15,103,734
15.	Chillers / Cooling Towers	\$5,883,838
16.	Utilities	\$22,197,970
17.	8320 Volt System	\$27,876,179
18. - 22.	Food Service Equipment	\$1,640,386
23.	AV Equipment	\$2,590,053
24.	I.T. Equipment	\$12,622,597
25.	Parking Lots	\$8,677,832
26.	Roads	\$1,949,298
27.	Sidewalks	\$7,480,108
28.	Exterior Facilities / Furnishings	\$11,781,892
29.	Site Data / Telecommunications	\$1,521,648
30.	Site Lighting	\$5,906,124
Totals:		\$695,690,650

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	\$8.22	\$533,640	\$35,576
Athletic Football Concessions Bldgs.	2015	2045	1,800	\$8.22	\$14,801	\$493
Athletic Storage Bldgs. East & West	2015	2045	3,400	\$8.22	\$27,957	\$932
Bell Tower	--	--	--	--	--	--
Brown Hall	1999	2019	27,000	\$8.22	\$222,008	\$11,100
Campus Recreation Center/Fitness Center	2010	2030	35,000	\$8.22	\$287,788	\$14,389
Carmona College of Business	2020	2035	13,639	\$22.58	\$307,992	\$20,533
Children's Center	2008	2023	2,900	\$7.19	\$20,860	\$1,391
Concession Building	2006	2026	3,312	\$8.22	\$27,233	\$1,362
Doan Center	2008	2028	46,300	\$8.22	\$380,702	\$19,035
Founders Hall	1995	2025	8,400	\$7.19	\$60,422	\$2,014
Gilbertson Hall (REC)	2004	2024	69,700	\$8.22	\$573,108	\$28,655
Great Lakes A - E	2006	2026	19,000	\$8.22	\$156,228	\$7,811
Grounds Building	2002	2052	6,500	\$21.50	\$139,776	\$2,796
Hamilton Gym	1997	2017	22,500	\$8.22	\$185,006	\$9,250
Health & Human Services	2010	2030	71,433	\$8.22	\$587,358	\$29,368
Living Center North (Brandimore House)	1999	2019	44,000	\$7.19	\$316,497	\$15,825
Living Center South	2004	2024	44,000	\$7.19	\$316,497	\$15,825
Living Center Southwest	2009	2029	35,000	\$7.19	\$251,759	\$12,588
Observatory	--	--	--	--	--	--
Pine Grove Central	2002	2022	27,000	\$7.19	\$194,214	\$9,711
Pine Grove East	2015	2045	21,200	\$7.19	\$152,494	\$5,083
Pine Grove West	2008	2028	38,000	\$7.19	\$273,339	\$13,667
Pioneer Hall	2007	2027	46,500	\$8.22	\$382,346	\$19,117
President's Residence	2019	2049	4,000	\$7.19	\$28,772	\$959
Ryder Center	2013	2033	152,800	\$8.22	\$1,256,398	\$62,820
Ryder Center - Fieldhouse	2014	2064	144,000	\$8.22	\$1,184,040	\$23,681
Science Building - East	2018	2033	46,000	\$8.22	\$378,235	\$25,216
Science Building - West	1999	2019	32,400	\$8.22	\$266,409	\$13,320
Soccer Pressbox	2017	2037	312	\$8.22	\$2,565	\$128
Softball Pressbox	2016	2036	240	\$8.22	\$1,973	\$99
South Campus Complex - Bldg. A	1993	2043	27,300	\$21.50	\$587,060	\$11,741
South Campus Complex - Bldg. B ('66)	2022	2037	19,300	\$8.22	\$158,694	\$10,580
South Campus Complex - Bldg. C ('68)	2021	2036	20,400	\$8.22	\$167,739	\$11,183
Student Center	2003	2023	34,000	\$8.22	\$279,565	\$13,978
Studio	2006	2026	9,900	\$8.22	\$81,403	\$4,070
Tranquil Hall F & G	1995	2015	7,100	\$8.22	\$58,380	\$2,919
University HealthCare	2009	2029	15,520	\$8.22	\$127,613	\$6,381
University Village I	2000	2020	51,100	\$7.19	\$367,568	\$18,378
University Village II	2001	2021	71,200	\$7.19	\$512,150	\$25,608
University Village III	2005	2025	47,312	\$7.19	\$340,321	\$17,016
University Village IV	2007	2027	41,500	\$7.19	\$298,515	\$14,926
West Complex	2013	2033	124,200	\$8.22	\$1,021,235	\$51,062
Wickes Hall	2015	2035	40,200	\$8.22	\$330,545	\$16,527
Wickes Memorial Stadium	1991/2014	2011/2034	1,600	\$8.22	\$13,156	\$658
Zahnaw Amphitheatre	--	--	--	--	--	--
Zahnaw Library	2003	2023	27,200	\$8.22	\$223,652	\$11,183
Totals:		Lifespan: 15, 20, 30 or 50 yrs	1,569,068		\$13,098,017	\$618,953

Structure / Glazing / Cladding / Walls

Building	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	1990	2065	\$7,438,889	\$99,185
Bell Tower	1998	2073	\$78,925	\$1,052
Brown Hall	1986	2061	\$4,528,276	\$60,377
Campus Recreation Center/Fitness Center	2007	2082	\$3,315,075	\$44,201
Carmona College of Business	2020	2095	\$6,856,973	\$91,426
Children's Center	1980	2055	\$114,792	\$1,531
Concession Building	2006	2081	\$348,453	\$4,646
Doan Center	1983	2058	\$3,465,583	\$46,208
Founders Hall	1995	2070	\$421,802	\$5,624
Gilbertson Hall (REC)	2003	2078	\$9,812,719	\$130,836
Great Lakes A - E	1974	2049	\$3,486,083	\$46,481
Grounds Building	2002	2077	\$308,301	\$4,111
Hamilton Gym	1971	2046	\$2,555,813	\$34,078
Health & Human Services	2010	2085	\$7,805,497	\$104,073
Living Center North (Brandimore House)	1999	2074	\$6,472,137	\$86,295
Living Center South	2004	2079	\$6,472,137	\$86,295
Living Center Southwest	2009	2084	\$4,865,272	\$64,870
Observatory	1973	2048	\$36,380	\$485
Pine Grove Central	1995	2070	\$1,560,197	\$20,803
Pine Grove East	1997	2072	\$769,651	\$10,262
Pine Grove West	2008	2083	\$2,408,070	\$32,108
Pioneer Hall	2007	2082	\$4,971,388	\$66,285
President's Residence	1975	2050	\$297,616	\$3,968
Ryder Center	1989	2064	\$14,913,314	\$198,844
Ryder Center - Fieldhouse	2014	2089	\$4,807,218	\$64,096
Science Building - East	2001	2076	\$6,577,096	\$87,695
Science Building - West	1990	2065	\$4,110,685	\$54,809
Soccer Pressbox	2017	2092	\$215,613	\$2,875
Softball Pressbox	2010	2085	\$58,656	\$782
SCC-A	1986	2061	\$1,677,947	\$22,373
SCC-B	1970	2045	\$1,053,944	\$14,053
SCC-C	1968	2043	\$1,130,265	\$15,070
Student Center	2003	2078	\$2,961,235	\$39,483
Studio	2006	2081	\$811,449	\$10,819
Tranquil Hall F & G	1974	2049	\$2,063,366	\$27,512
University HealthCare	2009	2084	\$1,156,499	\$15,420
University Village I	2022	2097	\$2,818,973	\$37,586
University Village II	2001	2076	\$3,758,629	\$50,115
University Village III	2005	2080	\$2,505,753	\$33,410
University Village IV	2007	2082	\$2,192,534	\$29,234
West Complex	1996	2071	\$14,968,387	\$199,578
Wickes Hall	1972	2047	\$6,166,630	\$82,222
Wickes Memorial Stadium	1991	2066	\$337,257	\$4,497
Zahnow Amphitheatre	--	--	--	--
Zahnow Library	2002	2077	\$8,373,607	\$111,648
Totals:	Lifespan: 75 years		\$161,049,085	\$2,147,321

Ceilings / Doors / Floors

Building	Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	2010	2040	\$2,082,238	\$69,408
Bell Tower	--	--	--	
Brown Hall	1987	2017	\$1,006,285	\$33,543
Campus Recreation Center/Fitness Center	2007	2037	\$945,047	\$31,502
Carmona College of Business	2020	2050	\$1,348,504	\$44,950
Concession Building	2006	2036	\$78,917	\$2,631
Doan Center	2005	2035	\$1,026,839	\$34,228
Founders Hall	1995	2025	\$156,223	\$5,207
Gilbertson Hall (REC)	2005	2035	\$2,907,472	\$96,916
Great Lakes A - E	2008	2038	\$1,032,912	\$34,430
Grounds Building	2002	2032	\$82,214	\$2,740
Hamilton Gym	2005	2035	\$793,183	\$26,439
Health & Human Services	2010	2040	\$2,168,194	\$72,273
Living Center North (Brandimore House)	1999	2029	\$1,917,667	\$63,922
Living Center South	2004	2034	\$1,917,667	\$63,922
Living Center Southwest	2009	2039	\$1,587,195	\$52,907
Observatory	1973	2003	\$1,850	\$62
Pine Grove Central	1988	2018	\$462,282	\$15,409
Pine Grove East	1997	2027	\$228,047	\$7,602
Pine Grove West	2008	2038	\$772,860	\$25,762
Pioneer Hall	2007	2037	\$1,381,622	\$46,054
President's Residence	1975	2005	\$88,183	\$2,939
Ryder Center	1992	2022	\$5,656,773	\$188,559
Ryder Center - Fieldhouse	2014	2044	\$549,396	\$18,313
Science Building - East	2001	2031	\$2,959,693	\$98,656
Science Building - West	1997	2027	\$1,315,420	\$43,847
Soccer Pressbox	2017	2047	\$3,594	\$120
Softball Pressbox	2007	2037	\$3,687	\$123
SCC-A	1987	2017	\$444,163	\$14,805
SCC-B	1979	2009	\$247,986	\$8,266
SCC-C	1984	2014	\$265,945	\$8,865
Student Center	2003	2033	\$877,403	\$29,247
Studio	2006	2036	\$231,843	\$7,728
Tranquil Hall F & G	2008	2038	\$515,842	\$17,195
University HealthCare	2009	2039	\$319,034	\$10,634
University Village I	2000	2030	\$835,252	\$27,842
University Village II	2001	2031	\$1,113,670	\$37,122
University Village III	2005	2035	\$742,447	\$24,748
University Village IV	2007	2037	\$649,641	\$21,655
West Complex	1996	2026	\$4,637,388	\$154,580
Wickes Hall	2012	2042	\$1,827,151	\$60,905
Wickes Memorial Stadium	1991	2021	\$31,372	\$1,046
Zahnnow Amphitheatre	--	--	--	
Zahnnow Library	2004	2034	\$2,226,194	\$74,206
Totals:		Lifespan: 30 years	\$47,439,293	\$1,581,310

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	\$9.25	\$146,180	\$11,245
Bell Tower	--	--	--	--	--	--
Brown Hall	2000	2012	33,700	\$9.25	\$311,789	\$25,982
Campus Recreation Center/Fitness Center	2010	2023	5,000	\$9.25	\$46,259	\$3,558
Carmona College of Business	2020	2033	36,574	\$9.25	\$338,208	\$26,016
Concession Building	--	--	--	--	--	--
Doan Center	2005	2018	17,350	\$9.25	\$160,520	\$12,348
Founders Hall	1996	2009	2,800	\$9.25	\$25,905	\$1,993
Gilbertson Hall (REC)	2003	2016	78,975	\$9.25	\$730,668	\$56,205
Great Lakes A - E	2008	2021	34,750	\$9.25	\$321,503	\$24,731
Grounds Building	--	--	--	--	--	--
Hamilton Gym	--	--	--	--	--	--
Health & Human Services	2010	2023	55,000	\$9.25	\$508,854	\$39,143
Living Center North (Brandimore House)	2011	2024	76,340	\$9.25	\$706,289	\$54,330
Living Center South	2022	2035	76,340	\$9.25	\$706,289	\$54,330
Living Center Southwest	2009	2022	64,000	\$9.25	\$592,121	\$45,548
Observatory	--	--	--	--	--	--
Pine Grove Central	2003	2016	24,650	\$9.25	\$228,059	\$17,543
Pine Grove East	2011	2024	14,550	\$9.25	\$134,615	\$10,355
Pine Grove West	2008	2021	53,000	\$9.25	\$490,350	\$37,719
Pioneer Hall	2007	2020	25,700	\$9.25	\$237,773	\$18,290
President's Residence	2014	2027	4,500	\$9.25	\$41,633	\$3,203
Ryder Center	2010	2023	35,250	\$9.25	\$326,129	\$25,087
Ryder Center - Fieldhouse	2014	2027	14,000	\$9.25	\$129,526	\$9,964
Science Building - East	2011	2024	60,850	\$9.25	\$562,977	\$43,306
Science Building - West	2019	2032	27,938	\$9.25	\$258,479	\$19,883
Softball Pressbox	--	--	--	--	--	--
SCC-A	2013	2026	23,100	\$9.25	\$213,719	\$16,440
SCC-B	2013	2026	3,500	\$9.25	\$32,382	\$2,491
SCC-C	2013	2026	8,375	\$9.25	\$77,485	\$5,960
Student Center	2003	2016	6,700	\$9.25	\$61,988	\$4,768
Studio	2006	2019	1,150	\$9.25	\$10,640	\$818
Tranquil Hall F & G	2008	2021	14,000	\$9.25	\$129,526	\$9,964
University HealthCare	2009	2022	9,500	\$9.25	\$87,893	\$6,761
University Village I	2022	2035	37,625	\$9.25	\$348,102	\$26,777
University Village II	2001	2014	51,925	\$9.25	\$480,404	\$36,954
University Village III	2005	2018	34,850	\$9.25	\$322,428	\$24,802
University Village IV	2007	2020	30,300	\$9.25	\$280,332	\$21,564
West Complex	2008	2021	125,700	\$9.25	\$1,162,962	\$89,459
Wickes Hall	2015	2028	78,300	\$9.25	\$724,423	\$55,725
Wickes Memorial Stadium	--	--	--	--	--	--
Zahnow Amphitheatre	--	--	--	--	--	--
Zahnow Library	2015	2028	80,700	\$9.25	\$746,627	\$57,433
Totals:		Lifespan: 13 years	1,262,792		\$11,683,036	\$900,694

Furniture

Building	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	1999	2013	\$545,693	\$38,978
Brown Hall	1987	2001	\$1,333,404	\$95,243
Campus Recreation Center/Fitness Center	2010	2024	\$30,160	\$2,154
Carmona College of Business	2020	2034	\$745,197	\$53,228
Concession Building	2006	2020	\$40,726	\$2,909
Doan Center	2005	2019	\$86,325	\$6,166
Founders Hall	1995	2009	\$114,482	\$8,177
Gilbertson Hall (REC)	2003	2017	\$3,083,014	\$220,215
Great Lakes A - E	1999	2013	\$637,843	\$45,560
Grounds Building	2002	2016	\$38,024	\$2,716
Hamilton Gym	2004	2018	\$145,980	\$10,427
Health & Human Services	2010	2024	\$1,565,745	\$111,839
Living Center North (Brandimore House)	1999	2013	\$1,398,763	\$99,912
Living Center South	2004	2018	\$1,398,763	\$99,912
Living Center Southwest	2009	2023	\$821,513	\$58,680
Pine Grove Central	2003	2017	\$877,327	\$62,666
Pine Grove East	2007	2021	\$652,814	\$46,630
Pine Grove West	2008	2022	\$780,996	\$55,785
Pioneer Hall	2007	2021	\$1,256,914	\$89,780
Ryder Center	1991	2005	\$466,974	\$33,355
Ryder Center - Fieldhouse	2014	2028	\$41,204	\$2,943
Science Building - East	2001	2015	\$1,334,175	\$95,298
Science Building - West	1990	2004	\$1,270,870	\$90,776
Softball Pressbox	2006	2020	\$2,681	\$192
SCC-A	1992	2006	\$839,608	\$59,972
SCC-B	1996	2010	\$198,546	\$14,182
SCC-C	1987	2001	\$146,751	\$10,482
Student Center	2003	2017	\$380,239	\$27,160
Tranquil Hall F & G	1997	2011	\$269,246	\$19,232
University HealthCare	2009	2023	\$143,565	\$10,255
University Village I	2000	2014	\$765,361	\$54,669
University Village II	2001	2015	\$986,523	\$70,466
University Village III	2006	2020	\$634,365	\$45,312
University Village IV	2007	2021	\$575,502	\$41,107
West Complex	1996	2010	\$3,016,639	\$215,474
Wickes Hall	2004	2018	\$2,139,817	\$152,844
Zahnnow Library	2016	2030	\$1,027,671	\$73,405
Totals:		Lifespan: 14 years	\$29,793,424	\$2,128,102

Plumbing / Electrical

Building	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	2005	2055	\$4,572,577	\$91,452
Bell Tower	1998	2048	\$15,785	\$316
Brown Hall	1986	2036	\$2,515,707	\$50,314
Campus Recreation Center/Fitness Center	2007	2057	\$2,418,414	\$48,368
Carmona College of Business	2020	2070	\$1,743,309	\$34,866
Concession Building	2006	2056	\$266,161	\$5,323
Doan Center	1993	2043	\$2,567,098	\$51,342
Founders Hall	1995	2045	\$312,445	\$6,249
Gilbertson Hall (REC)	2003	2053	\$7,268,682	\$145,374
Great Lakes A - E	1976	2026	\$2,582,283	\$51,646
Grounds Building	2002	2052	\$147,985	\$2,960
Hamilton Gym	1971	2021	\$1,762,629	\$35,253
Health & Human Services	2010	2060	\$5,637,303	\$112,746
Living Center North (Brandimore House)	1999	2049	\$4,794,175	\$95,884
Living Center South	2004	2054	\$4,794,175	\$95,884
Living Center Southwest	2009	2059	\$3,270,101	\$65,402
Observatory	1973	2023	\$3,699	\$74
Pine Grove Central	1987	2037	\$1,155,702	\$23,114
Pine Grove East	1997	2047	\$570,111	\$11,402
Pine Grove West	2008	2058	\$2,115,197	\$42,304
Pioneer Hall	2007	2057	\$3,454,053	\$69,081
President's Residence	1988	2038	\$220,456	\$4,409
Ryder Center	1989	2039	\$11,827,806	\$236,556
Ryder Center - Fieldhouse	2014	2064	\$3,296,378	\$65,928
Science Building - East	2001	2051	\$7,399,234	\$147,985
Science Building - West	1993	2043	\$3,494,083	\$69,882
Softball Pressbox	2007	2057	\$5,028	\$101
SCC-A	1992	2042	\$987,024	\$19,740
SCC-B	1987	2037	\$619,965	\$12,399
SCC-C	1980	2030	\$664,863	\$13,297
Student Center	2003	2053	\$2,193,508	\$43,870
Studio	2000	2050	\$579,606	\$11,592
Tranquil Hall F & G	1971	2021	\$1,031,683	\$20,634
University HealthCare	2009	2059	\$717,827	\$14,357
University Village I	2000	2050	\$2,088,129	\$41,763
University Village II	2001	2051	\$2,784,172	\$55,683
University Village III	2005	2055	\$1,856,115	\$37,122
University Village IV	2007	2057	\$1,624,101	\$32,482
West Complex	2000	2050	\$12,109,859	\$242,197
Wickes Hall	2000	2050	\$4,567,875	\$91,358
Wickes Memorial Stadium	1991	2041	\$156,864	\$3,137
Zahnaw Amphitheatre	--	--	--	--
Zahnaw Library	2017	2067	\$4,490,239	\$89,805
Totals:	Lifespan: 50 years		\$114,682,405	\$2,293,648

Lighting

Building	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	2020	2050	\$2,420,972	\$80,699
Bell Tower	1998	2028	\$5,261	\$175
Brown Hall	1990	2020	\$1,509,426	\$50,314
Campus Recreation Center/Fitness Center	2009	2039	\$1,473,367	\$49,112
Carmona College of Business	2020	2050	\$790,360	\$26,345
Concession Building	2022	2052	\$100,117	\$3,337
Doan Center	2013	2043	\$1,540,259	\$51,342
Founders Hall	1995	2025	\$156,223	\$5,207
Gilbertson Hall (REC)	2003	2033	\$4,361,208	\$145,374
Great Lakes A - E	2000	2030	\$1,549,371	\$51,646
Grounds Building	2020	2050	\$113,044	\$3,768
Hamilton Gym	2011	2041	\$1,057,577	\$35,253
Health & Human Services	2010	2040	\$3,469,109	\$115,637
Living Center North (Brandimore House)	2019	2049	\$2,876,502	\$95,883
Living Center South	2019	2049	\$2,876,502	\$95,883
Living Center Southwest	2009	2039	\$1,993,963	\$66,465
Observatory	1973	2003	\$4,932	\$164
Pine Grove Central	2019	2049	\$693,421	\$23,114
Pine Grove East	1997	2027	\$342,069	\$11,402
Pine Grove West	2008	2038	\$2,603,319	\$86,777
Pioneer Hall	2007	2037	\$2,012,069	\$67,069
President's Residence	1975	2005	\$132,273	\$4,409
Ryder Center	1990	2020	\$5,142,524	\$171,417
Ryder Center - Fieldhouse	2014	2044	\$295,301	\$9,843
Science Building - East	2001	2031	\$4,439,540	\$147,985
Science Building - West	1997	2027	\$1,973,128	\$65,771
Softball Pressbox	2007	2037	\$4,861	\$162
SCC-A	2020	2050	\$641,569	\$21,386
SCC-B	2020	2050	\$371,980	\$12,399
SCC-C	2021	2051	\$398,917	\$13,297
Student Center	2003	2033	\$1,316,104	\$43,870
Studio	2021	2051	\$260,823	\$8,694
Tranquil Hall F & G	2000	2030	\$619,010	\$20,634
University HealthCare	2009	2039	\$319,034	\$10,634
University Village I	2022	2052	\$3,102,686	\$103,423
University Village II	2001	2031	\$4,136,915	\$137,897
University Village III	2005	2035	\$2,757,943	\$91,931
University Village IV	2007	2037	\$2,413,201	\$80,440
West Complex	2016	2046	\$6,933,812	\$231,127
Wickes Hall	2011	2041	\$2,740,725	\$91,357
Wickes Memorial Stadium	1991	2021	\$133,334	\$4,444
Zahnow Library	2017	2047	\$3,339,293	\$111,310
Totals:	Lifespan: 30 years		\$73,422,043	\$2,447,401

HVAC Equipment / HVAC Terminal Units

Building	Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	1987	2027	\$3,956,124	\$98,903
Brown Hall	1986	2026	\$3,144,637	\$78,616
Campus Recreation Center/Fitness Center	2010	2050	\$2,883,528	\$72,088
Carmona College of Business	2020	2060	\$1,129,086	\$28,227
Doan Center	2022	2062	\$3,208,873	\$80,222
Founders Hall	1995	2035	\$390,556	\$9,764
Gilbertson Hall (REC)	2003	2043	\$9,085,851	\$227,146
Great Lakes A - E	2004	2034	\$3,227,853	\$107,595
Hamilton Gym	See Ryder Center	--	--	--
Health & Human Services	2010	2050	\$6,504,581	\$162,615
Living Center North (Brandimore House)	1999	2029	\$5,992,720	\$199,757
Living Center South	2004	2034	\$5,992,720	\$199,757
Living Center Southwest	2009	2039	\$4,992,885	\$166,429
Pioneer Hall	2007	2037	\$4,317,653	\$143,922
Ryder Center	1989	2029	\$8,742,288	\$218,557
Ryder Center - Fieldhouse	2014	2054	\$824,094	\$20,602
Science Building - East	2001	2041	\$12,332,056	\$308,301
Science Building - West	1995	2035	\$3,905,151	\$97,629
Student Center	2003	2043	\$1,580,616	\$39,515
Studio	2001	2041	\$143,874	\$3,597
Tranquil Hall F & G	2004	2034	\$515,842	\$17,195
University Village I (420 & 432)	2000	2030	\$431,005	\$14,367
West Complex	1996	2036	\$14,284,592	\$357,115
Wickes Hall	2000	2040	\$5,709,841	\$142,746
Zahnow Library	1997	2037	\$6,720,595	\$168,015
Totals:		Lifespan: 30 or 40 years	\$110,017,020	\$2,962,681

Furnaces & Condensing Units

Building	Install Date	Average Replacement Date	Number	Cost per Unit	Total Replacement Cost	Annual Cost
Concessions	2006	2023	2	\$7,193	\$14,386	\$846
Grounds Building	2019	2036	2	\$7,193	\$14,386	\$846
Pine Grove Central	2003	2020	82	\$7,193	\$589,836	\$34,696
Pine Grove East	1996	2013	32	\$7,193	\$230,180	\$13,540
Pine Grove West	2008	2025	114	\$7,193	\$820,016	\$48,236
President's Residence	2013	2030	4	\$7,193	\$28,772	\$1,692
SCC-A	2014	2031	39	\$7,193	\$280,532	\$16,502
SCC-B	2013	2030	15	\$7,193	\$107,897	\$6,347
SCC-C	2014	2031	20	\$7,193	\$143,862	\$8,462
University HealthCare	2009	2026	7	\$7,193	\$50,352	\$2,962
University Village I	2022	2039	86	\$7,193	\$618,608	\$36,389
University Village II	2001	2018	144	\$7,193	\$1,035,809	\$60,930
University Village III	2005	2022	100	\$7,193	\$719,312	\$42,312
University Village IV	2007	2024	84	\$7,193	\$604,222	\$35,542
Totals:		Lifespan: 17 years	731		\$5,258,172	\$309,304

Water Heaters

Building	Install Date	Average Replacement Date	Number	Cost per Unit	Total Replacement Cost	Annual Cost
Concessions	2006	2019	3	\$1,028	\$3,084	\$237
Grounds Building	2002	2015	1	\$1,028	\$1,028	\$79
Pine Grove Central	2003	2016	42	\$1,028	\$43,181	\$3,322
Pine Grove East	1996	2009	16	\$1,028	\$16,450	\$1,265
Pine Grove West	2008	2021	56	\$1,028	\$57,575	\$4,429
President's Residence	1994	2007	1	\$1,028	\$1,028	\$79
SCC-A	1989	2002	2	\$1,028	\$2,056	\$158
SCC-B	1994	2007	1	\$1,028	\$1,028	\$79
SCC-C	1992	2005	1	\$1,028	\$1,028	\$79
University HealthCare	2009	2022	1	\$1,028	\$1,028	\$79
University Village I	2000	2013	46	\$1,028	\$47,294	\$3,638
University Village II	2001	2014	73	\$1,028	\$75,053	\$5,773
University Village III	2005	2018	50	\$1,028	\$51,406	\$3,954
University Village IV	2007	2020	42	\$1,028	\$43,181	\$3,322
Totals:	Lifespan: 13 years		336		\$344,422	\$26,494

Appliances

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

Building	Install	Average	Number	Cost per	Total	Annual
	Date	Replacement		Unit	Replacement	
Concessions	2011	2026	6	\$925	\$5,551.13	\$370
Great Lakes A - E	2013	2028	135	\$925	\$124,900.45	\$8,327
Living Center North (Brandimore)	2004	2019	605	\$925	\$559,739.06	\$37,316
Living Center South	2009	2024	605	\$925	\$559,739.06	\$37,316
Living Center Southwest	2014	2029	460	\$925	\$425,586.73	\$28,372
Pine Grove Central	2008	2023	200	\$925	\$185,037.71	\$12,336
Pine Grove East	2001	2016	96	\$925	\$88,818.10	\$5,921
Pine Grove West	2013	2028	324	\$925	\$299,761.09	\$19,984
President's Residence	2000	2015	7	\$925	\$6,476.32	\$432
Tranquil Hall F & G	2013	2028	54	\$925	\$49,960.18	\$3,331
University HealthCare	2014	2029	7	\$925	\$6,476.32	\$432
University Village I	2005	2020	492	\$925	\$455,192.76	\$30,346
University Village II	2006	2021	432	\$925	\$399,681.45	\$26,645
University Village III	2010	2025	300	\$925	\$277,556.56	\$18,504
University Village IV	2012	2027	252	\$925	\$233,147.51	\$15,543
Totals:		Lifespan: 15 years			\$3,672,073	\$244,805

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	\$376,999	\$1,130,996	\$45,240
Arbury Fine Arts Center	2002	2017	1	\$150,799	\$150,799	\$10,053
Arbury Fine Arts Center	2004	2019	1	\$180,959	\$180,959	\$12,064
Arbury Fine Arts Center	2010	2025	1	\$180,959	\$180,959	\$12,064
Doan Center (DHW, HWH from WC)	2014	2039	2	\$180,959	\$361,918	\$14,477
Founders Hall (HWH)	2005	2020	2	\$31,384	\$62,767	\$4,184
Great Lakes A - E (HWH)	1999	2014	10	\$120,640	\$1,206,398	\$80,427
Great Lakes A - E (DWH)	1999	2014	5	\$150,799	\$753,997	\$50,266
Health & Human Services	2009	2024	2	\$180,959	\$361,918	\$24,128
Health & Human Services	2009	2024	1	\$120,640	\$120,640	\$8,043
Living Center North (Brandimore) (HWH)	1999	2014	3	\$226,199	\$678,598	\$45,240
Living Center North (Brandimore) (DWH)	1999	2014	2	\$120,640	\$241,280	\$16,085
Living Center South (DWH)	2003	2018	2	\$120,640	\$241,280	\$16,085
Living Center South (HWH)	2003	2018	3	\$226,199	\$678,598	\$45,240
Living Center Southwest (HWH)	2008	2023	4	\$180,959	\$723,836	\$48,256
Ryder Center - Fieldhouse	2014	2039	2	\$19,229	\$38,459	\$1,538
Ryder Center - Pool	2011	2026	2	\$120,640	\$241,280	\$16,085
Ryder Center (DWH)	2007	2022	1	\$135,719	\$135,719	\$9,048
Ryder Center (HWH)	2014	2039	5	\$219,758	\$1,098,790	\$43,952
Science Building - East (DWH)	1999	2014	1	\$120,640	\$120,640	\$8,043
Science Building - East (HWH)	2000	2015	3	\$301,599	\$904,797	\$60,320
Science Building - West (DWH)	2003	2018	1	\$120,640	\$120,640	\$8,043
Science Building - West (HWH)	2012	2027	6	\$150,799	\$904,797	\$60,320
Student Center	2003	2018	2	\$150,799	\$301,599	\$20,107
Tranquil Hall F & G (DWH)	2017	2032	2	\$150,799	\$301,599	\$20,107
Tranquil Hall F & G (HWH)	2000	2015	4	\$120,640	\$482,559	\$32,171
University Village I (DWH)	2000	2015	4	\$90,480	\$361,921	\$24,128
University Village I (HWH)	2000	2015	4	\$90,480	\$361,921	\$24,128
West Complex (DWH)	2014	2039	2	\$150,799	\$301,599	\$12,064
West Complex (HWH)	2010	2035	7	\$120,640	\$844,479	\$33,779
Wickes Hall	1999	2024	2	\$452,398	\$904,797	\$36,192
Zahnow Library - Food Court (DWH)	2005	2020	2	\$120,640	\$241,280	\$16,085
Zahnow Library - Food Court (HWH)	2005	2020	2	\$180,959	\$361,918	\$24,128
Totals:		Lifespan: 15 or 25 years	94		\$15,103,734	\$882,088

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	\$482,558	\$28,386
Doan Center / 320	1994	2011	1	\$226,199	\$13,306
West Complex / 1000	2013	2030	1	\$693,677	\$40,805
Pioneer Hall / 640	1998	2015	1	\$422,239	\$24,838
Gilbertson Hall (REC) / 450	2002	2019	1	\$316,678	\$18,628
Gilbertson Hall (REC) / 450	2002	2019	1	\$316,678	\$18,628
Ryder / 500	2004	2021	1	\$346,839	\$20,402
Arbury / 60	2002	2019	1	\$45,240	\$2,661
Totals:	Lifespan: 17 years		8	\$2,850,108	\$167,653
Cooling Towers					
Science West	1984	2014	1	\$301,599	\$10,053
Doan Center	1994	2024	1	\$301,599	\$10,053
West Complex	2013	2028	1	\$301,599	\$20,107
Pioneer Hall	1998	2028	1	\$301,599	\$10,053
Gilbertson Hall (REC)	2003	2033	1	\$301,599	\$10,053
Gilbertson Hall (REC)	2003	2033	1	\$301,599	\$10,053
Ryder	2004	2034	1	\$301,599	\$10,053
Totals:	Lifespan: 15 or 30 years		7	\$2,111,192	\$80,426
Heat Pumps					
Gilbertson Hall (REC)-10 units@70 tons each	2010	2025	10	\$904,797	\$60,320
West Complex - 2 units @ 40 tons each	2013	2028	2	\$17,741	\$1,183
Totals:	Lifespan: 15 years		12	\$922,537	\$61,502

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	\$143.87	\$5,838,447	\$72,981
Storm Sewer	1990	2070	86,635	\$154.16	\$13,355,326	\$166,942
Water	1992	2072	48,720	\$61.66	\$3,004,197	\$37,552
Totals:	Lifespan: 80 years				\$22,197,970	\$277,475

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	\$257,034	\$8,568
West Complex to Doan Center	1991	2021	\$37,829	\$1,261
Main Loop Switches 1 & 2, 66/68 Building	2001	2031	\$196,308	\$6,544
Ryder Center to Loop Switch 4	2002	2032	\$132,400	\$4,413
Manhole #6 to Manhole #6A to Living Center South	2003	2033	\$88,339	\$2,945
University Villages	2003	2033	\$1,280,525	\$42,684
Pine Grove	2008	2038	\$233,105	\$7,770
Health & Human Services	2010	2040	\$88,752	\$2,958
Totals:	Lifespan: 30 years		\$2,314,291	\$77,143

8320 Volt Distribution System

Description	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Duct Banks	1966	2046	\$20,347,892	254,349
Cable	1995	2025	\$5,027,780	167,593
Health & Human Services Cable	2010	2040	\$186,216	6,207
Totals:	Lifespan: 30 or 80 years		\$25,561,888	428,149

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	\$6,221	\$6,221	\$311
	Cooler (2 Door)	2005	20	2025	1	\$3,988	\$3,988	\$199
	Reach In Freezer (1 Door)	1995	20	2015	1	\$5,264	\$5,264	\$263
	Reach In Freezer	1995	20	2015	1	\$7,976	\$7,976	\$399
	Ice Cream Cooler	2005	15	2020	1	\$9,571	\$9,571	\$638
Main Lobby Dining								
	Ice Cream Machine	2015	15	2030	1	\$19,715	\$19,715	\$1,314
	Cooler (2 Door)	2005	20	2025	1	\$3,988	\$3,988	\$199
	Food Warmer	2005	15	2020	6	\$2,712	\$16,269	\$1,085
	Island Cooler for Ice Prep.	2005	15	2020	1	\$22,333	\$22,333	\$1,489
	Prep Table/3 door cooler	1996	20	2016	1	\$14,356	\$14,356	\$718
	Grill	1996	20	2016	1	\$12,762	\$12,762	\$638
	Holding Oven	1996	20	2016	1	\$11,963	\$11,963	\$598
	Food Warmer and Cooler	1996	15	2011	1	\$9,571	\$9,571	\$638
Main Lobby Dining (Right Side Salad Bar Side)								
	Salad Prep Table	1996	15	2011	1	\$1,596	\$1,596	\$106
	Soup Heater	2005	4	2009	2	\$797	\$1,594	\$399
	Soup Heater	2009	4	2013	2	\$766	\$1,532	\$383
	Salad Prep Table	2006	15	2021	2	\$3,988	\$7,976	\$532
	Salad/Deli Prep Table	1996	15	2011	1	\$3,988	\$3,988	\$266
	Salad Prep Table	2005	15	2020	1	\$3,988	\$3,988	\$266
1st Floor Kitchen Main Dining								
	Steamer	2016	7	2023	2	\$21,341	\$42,682	\$6,097
	Tilt Top Skillet	1996	15	2011	1	\$23,928	\$23,928	\$1,595
	Flat Top Range	1996	20	2016	1	\$15,952	\$15,952	\$798
	Cooler (2 Door)	1996	20	2016	1	\$7,976	\$7,976	\$399
	Cookie Oven	1996	20	2016	1	\$31,903	\$31,903	\$1,595
	Holding Oven	1996	20	2016	1	\$23,928	\$23,928	\$1,196
	Oven	1996	20	2016	1	\$15,952	\$15,952	\$798
	Grill	1999	15	2014	1	\$9,571	\$9,571	\$638
	Fryer	1996	15	2011	1	\$4,467	\$4,467	\$298
	Ice Machine	2006	15	2021	1	\$7,976	\$7,976	\$532
	Food Warmer and Cooler	2006	20	2026	1	\$7,976	\$7,976	\$399
	Convection Oven	1996	20	2016	8	\$12,762	\$102,095	\$5,105
	Convection Oven	2006	20	2026	4	\$12,762	\$51,047	\$2,552
	Convection Oven	2017	20	2037	4	\$12,654	\$50,616	\$2,531
	Hot Boxes (2 Door)	2006	15	2021	1	\$7,976	\$7,976	\$532
	Hot Boxes (2 Door)	2006	15	2021	1	\$7,976	\$7,976	\$532
	Hot Boxes (2 Door)	2006	15	2021	1	\$7,976	\$7,976	\$532
	Holding Oven	2006	15	2021	1	\$2,233	\$2,233	\$149
	Walk in Freezer (#6 Baked Goods)	2006	15	2021	1	\$31,903	\$31,903	\$2,127
	Walk in Cooler (#5)	2006	20	2026	1	\$31,903	\$31,903	\$1,595

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	\$31,903	\$31,903	\$1,595
	Walk in Cooler (#3 Grill Comfort)	2006	20	2026	1	\$31,903	\$31,903	\$1,595
	Walk in Cooler (#2 Produce)	2006	20	2026	1	\$31,903	\$31,903	\$1,595
	Walk in Cooler (#1 Catering)	2006	20	2026	1	\$31,903	\$31,903	\$1,595
	Warming Unit	2007	15	2022	2	\$2,712	\$5,423	\$362
Doan Marketplace Totals:							\$783,727	\$47,182
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	\$3,190	\$3,190	\$159
	Cooler	2005	20	2025	1	\$5,423	\$5,423	\$271
	Cooler (2 Door)	1996	20	2016	1	\$7,976	\$7,976	\$399
	Ice Machine	2005	15	2020	1	\$7,976	\$7,976	\$532
Beverages (C246)								
	Ice Machine	1996	15	2011	2	\$7,976	\$15,953	\$1,064
	Cooler (4 Door)	1996	20	2016	1	\$8,295	\$8,295	\$415
	Cooler (3 Door)	1996	20	2016	1	\$7,178	\$7,178	\$359
	Refrigerator	2003	20	2023	1	\$6,381	\$6,381	\$319
President's Kitchen (C226)								
	Freezer (2 Door)	1996	20	2016	1	\$23,928	\$23,928	\$1,196
	Cooler (2 Door)	1996	20	2016	1	\$23,928	\$23,928	\$1,196
	Ice Machine	1996	15	2011	1	\$7,976	\$7,976	\$532
	Cooler (2 Door)	1996	20	2016	1	\$23,928	\$23,928	\$1,196
	Warming Prep Table (4 Pans)	1996	15	2011	1	\$15,952	\$15,952	\$1,063
	Oven (4 Drawer)	1996	15	2011	1	\$12,762	\$12,762	\$851
	Refrigerator	1996	20	2016	1	\$6,381	\$6,381	\$319
	Warming Station (1 Door)	1996	15	2011	1	\$2,233	\$2,233	\$149
	Cooler (2 Door)	1996	20	2016	1	\$8,136	\$8,136	\$407
	Cooler (2 Door)	1996	20	2016	1	\$19,141	\$19,141	\$957
	Oven	2005	15	2020	1	\$11,952	\$11,952	\$797
Campus Dining Office (C122)								
	Refrigerator (1 Door)	2008	10	2018	2	\$1,596	\$3,191	\$319
Finishing Kitchen (C248 & C249)								
	Warming Unit	1996	15	2011	6	\$2,712	\$16,269	\$1,085
	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	\$7,976	\$7,976	\$532
	Ice Machine				1			
	Warming Unit (4 Tray Holders)	1996	15	2011	3	\$3,190	\$9,569	\$638
	Cooler	2005	20	2025	1	\$6,381	\$6,381	\$319
Curtiss Hall Totals:							\$262,078	15,074
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	\$6,062	\$6,062	\$303
	Walk In Cooler (7 Doors)	2003	20	2023	1	\$31,903	\$31,903	\$1,595
	Walk In Freezer (5 Doors)	2003	20	2023	1	\$31,903	\$31,903.31	\$1,595
	Freezer (3 Door)	2004	20	2024	1	\$12,762	\$12,762	\$638
	Freal Milkshake Machine	2012			1			
	Hoshizaki Ice Maker	2012			1			
Student Center Totals:							\$82,631	4,132
Gilbertson Hall (REC)								
Einstein Bros. Bagels								
	Ice Machine	2003	10	2013	1	\$7,976	\$7,976	\$798
	Freezer	2003	20	2023	1	\$7,976	\$7,976	\$399
	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 Replacement Date	Quantity	Cost per Unit	Total Replacement Cost	Annual Cost
2nd Floor Kitchen (ES205)								
	Ice Machine	2003	15	2018	1	\$7,976	\$7,976	\$532
	Refrigerator (3 Door)	2003	15	2018	1	\$6,381	\$6,381	\$425
	Freezer (1 Door)	2003	20	2023	1	\$7,976	\$7,976	\$399
	Warming Unit	2003	20	2023	3	\$2,712	\$8,135	\$407
	Warming Unit (Hot Food)	2003	15	2018	5	\$2,712	\$13,558	\$904
	Warming Unit	2007	15	2022	1	\$2,712	\$2,712	\$181
Regional Education Center Totals:							\$62,691	\$4,044
Science East								
Starbucks (2017)								
	Equipment (brewers, grinder, warmer, ovens, etc.)	2017	10	2027	1	\$212,239	\$212,239	\$21,224
Science East Totals:							\$212,239	\$21,224
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	\$15,952	\$15,952	\$1,063
	Drop In Freezer Counter Top		8		1			
	Salad Prep Table with 2 Door cooler	2004	15	2019	1	\$15,952	\$15,952	\$1,063
	Cooler with Prep Sink		15	15	1	\$12,762	\$12,762	\$851
	Reach In Cooler (2 Door)		20	20	1	\$7,976	\$7,976	\$399
	Fryer	1996	15	2011	1	\$4,785	\$4,785	\$319
	Stove	2005	20	2025	1	\$15,952	\$15,952	\$798
	Fryer	2005	15	2020	1	\$4,785	\$4,785	\$319
	Stove Char Grill	2005	15	2020	1	\$12,762	\$12,762	\$851
	Grill Flat Top	2005	15	2020	1	\$17,547	\$17,547	\$1,170
	Ice Cream Cooler (Countertop Storage)	2003	15	2018	1	\$3,988	\$3,988	\$266
	Reach In Freezer	1996	20	2016	1	\$6,381	\$6,381	\$319
	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	\$20,898	\$20,898	\$2,090
	Equipment (fridge, induction lines, etc.)	2017	10	2027	1	\$32,407	\$32,407	\$3,241
	Equipment (rice cooker, warmers, wok)	2017	10	2027	1	\$28,143	\$28,143	\$2,814
	Equipment (flat top grill)	2017	10	2027	1	\$771	\$771	\$77
	Equipment (sneeze guards)	2017	10	2027	1	\$1,104	\$1,104	\$110
Zahnow Library Food Court Totals:							\$202,166	\$15,750
Wickes Stadium								
	Ice Machine	2008	15	2023	1	\$7,976	\$7,976	\$532
	Cooler (2 Door)	2007	20	2027	1	\$5,583	\$5,583	\$279
	Warming Unit	2007	15	2022	1	\$2,712	\$2,712	\$181
	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	\$2,712	\$2,712	\$181
	Cooler	2003	20	2023	1	\$6,381	\$6,381	\$319
	Popcorn Machine							
	2 Door Freezer							
	Cooler (2 Door)							
	Football South Side							
	Cooler Reach In	1995	20	2015	1	\$2,393	\$2,393	\$120
	Popcorn Machine	1995	10	2005	1	\$2,393	\$2,393	\$239
	Football North Side							
	Warming Unit (2 Drawer)	2007	15	2022	1	\$2,314	\$2,314	\$154
	Popcorn Machine	1995	10	2005	1	\$2,393	\$2,393	\$239
Wickes Stadium Totals:							\$34,855	\$2,244
Food Service Equipment Consolidated Totals:		Lifespan:		varies			\$1,640,386	\$109,649

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	\$23,928	\$23,928	
	Dimmer Racks			6	\$175,468	\$1,052,809	
	Follow Spotlights			2	\$9,571	\$19,141	
	LineArray Front of House Speakers			12	\$95,710	\$1,148,519	
	Cyc			1	\$7,976	\$7,976	
	Black Sharkstooth Scrim			1	\$4,785	\$4,785	
	Mechanical Hoist Apron Electric			1	\$23,928	\$23,928	
	Front of House Projector			1	\$63,807	\$63,807	
	Wireless Headsets			4	\$1,596	\$6,382	
	Rerooping Fly system			1	\$15,952	\$15,952	
	Arial Lift			1	\$15,952	\$15,952	
	Permenant Refinishing of Floor			1	\$19,141	\$19,141	
	Video Rack Upgrade			1	\$12,762	\$12,762	
	L & E MR-16 CYC Strips			8	\$1,914	\$15,315	
	Pipe- Screen Lineset			1	\$1,596	\$1,596	
Rhea Miller Recital Hall (Curtis Hall)							
	Line Array F of H sepakers			included in MFT		-	
	Audio Borad			1	\$12,762	\$12,762	
	Motorized Front Stage Light Bar			1	\$23,928	\$23,928	
	Source 4 Ellipsoidals			12	\$638	\$7,653	
Black Box Theatre/Studio (Curtis Hall)							
	Lighting Board			1	\$22,333	\$22,333	
	Audio Board			1	\$12,762	\$12,762	
	Camera w/ link to MFT			1	\$7,976	\$7,976	
	Source 4 PARNel			30	\$390	\$11,712	
	Source 4 Ellipsoidals			30	\$547	\$16,420	
Founders Hall							
	Lighting Dimmer Rack	2013		1	\$30,367	\$30,367	
	Lighting Board			1	\$12,147	\$12,147	
Totals:						\$2,590,053	\$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	\$15,523	\$15,523	\$3,880.85
	UPS	2007	15	2027	1	\$62,094	\$62,094	\$4,139.57
	A/C Capacitors	2007	8	2017	1	\$5,433	\$5,433	\$679.16
Document Imaging								
	Scanners			As Needed				\$6,276.72
Network Components								
	Wireless (ResNet)	2015	4	2019			\$955,902	\$238,975
	Closet Electronics	2015-2017	5	2020-2022			\$1,295,348	\$259,070
	Coset UPS	As Needed	3	As Needed			\$84,118	\$28,039
	VM Servers (includes Colleague Server)		5	+2 per year			\$105,148	\$21,030
	Major Network Components		5	2015-2016			\$735,839	\$147,168
	SAN		5	FY18			\$295,728	\$59,146
	NAC		5	2015			\$194,523	\$38,905
	VPN		5	2017			\$13,143	\$2,629
	Backup Solution	2015	5	2020			\$312,814	\$62,563
	Disaster Recovery (equipment)		5	2018			\$170,865	\$34,173
Campuswide								
Classrooms & Offices								
	Distance Ed Codecs	2014	5	2019			\$219,390	\$43,878
	Lab computers		5	Recycled after 5			\$1,989,720	\$397,944
	Faculty computers		4	Recycled after 4			\$502,138	\$125,534
	Classroom Technology		8	Ongoing			\$2,533,716	\$316,715
	ME458 Servers		3	2017			\$36,210	\$12,070
	Wireless (Classroom)	2015-2017	5	2018-2020			\$2,725,877	\$545,175
Gilbertson Hall (REC)								
	Ott Auditorium Technology - FY13		9				\$369,069	\$82,264
	Ott Auditorium Technology - FY14							\$104,740
	Ott Auditorium Technology - FY15							\$101,964
	Ott Auditorium Technology - Ongoing							\$41,008
Totals:					3		\$12,622,597	\$2,677,964

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	\$3.05	\$301,998	\$15,100
C	2012	2032	94,125	\$3.05	\$287,127	\$14,356
C1	2013	2033	82,700	\$3.05	\$252,275	\$12,614
D	2018	2038	112,000	\$3.05	\$341,654	\$17,083
E	2011	2031	193,000	\$3.05	\$588,744	\$29,437
F	2009	2029	221,250	\$3.05	\$674,920	\$33,746
H	2010	2030	107,250	\$3.05	\$327,165	\$16,358
J	2013	2033	138,000	\$3.05	\$420,967	\$21,048
J1	2019	2039	133,650	\$3.05	\$407,697	\$20,385
J2	2010	2030	141,100	\$3.05	\$430,424	\$21,521
J3	2017	2037	133,650	\$3.05	\$407,697	\$20,385
J4	2006	2026	50,400	\$3.05	\$153,744	\$7,687
K	2017	2037	84,150	\$3.05	\$256,698	\$12,835
L	2006	2026	102,600	\$3.05	\$312,980	\$15,649
R	2000	2020	88,900	\$3.05	\$271,188	\$13,559
Bookstore	2003	2023	16,000	\$3.05	\$48,808	\$2,440
Concessions	2006	2026	16,864	\$3.05	\$51,443	\$2,572
Continuing Education	1997	2017	3,600	\$3.05	\$10,982	\$549
Curtiss Hall Circle	2020	2040	16,079	\$3.05	\$49,049	\$2,452
Fine Arts Circle (West of Bldg.)	2013	2033	19,600	\$3.05	\$59,790	\$2,989
Fine Arts Drive (North of Bldg.)	2019	2039	29,700	\$3.05	\$90,599	\$4,530
Founders Hall	1994	2014	7,043	\$3.05	\$21,485	\$1,074
Fox Lot	2018	2038	4,800	\$3.05	\$14,625	\$731
Gilbertson Hall	2003	2023	300,000	\$3.05	\$915,146	\$45,757
Grounds	2007	2027	30,000	\$3.05	\$91,515	\$4,576
Pine Grove Central	2014	2034	28,800	\$3.05	\$87,854	\$4,393
Pine Grove East	1996	2016	14,400	\$3.05	\$43,927	\$2,196
Pine Grove West	2008	2028	53,000	\$3.05	\$161,676	\$8,084
Pioneer Hall - Service	2007	2027	11,400	\$3.05	\$34,776	\$1,739
Ryder Service	2007	2027	5,400	\$3.05	\$16,473	\$824
SCC-A	2011	2031	13,000	\$3.05	\$39,656	\$1,983
SCC-A South	2011	2031	10,800	\$3.05	\$32,945	\$1,647
SCC-C North	2013	2033	15,000	\$3.05	\$45,757	\$2,288
Univ. Village - Visitor Parking	2018	2038	13,500	\$3.05	\$41,182	\$2,059
Univ. Village I - East (addtn.)	2004	2024	6,000	\$3.05	\$18,303	\$915
Univ. Village I - East (original)	2000	2020	14,850	\$3.05	\$45,300	\$2,265
Univ. Village I - Southeast	2004	2024	32,000	\$3.05	\$97,616	\$4,881
Univ. Village II - South (addtn.)	2004	2024	33,000	\$3.05	\$100,666	\$5,033
Univ. Village II - South (original)	2001	2021	34,200	\$3.05	\$104,327	\$5,216
Univ. Village III	2005	2025	125,607	\$3.05	\$383,162	\$19,158
University HealthCare	2009	2029	20,000	\$3.05	\$61,010	\$3,050
University Village - West	2022	2042	64,800	\$3.05	\$197,671	\$9,884
University Village IV	2007	2027	37,000	\$3.05	\$112,868	\$5,643
West Complex / Doan (concrete)	1994	2014	13,500	\$3.05	\$41,182	\$2,059
Wickes Circle	2021	2041	29,025	\$3.05	\$88,540	\$4,427
Wickes Stadium VIP/Handicap	2016	2036	44,000	\$3.05	\$134,221	\$6,711
Totals:		Lifespan: 20 years	2,844,743		\$8,677,832	\$433,892

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	\$3.01	\$75,321	\$3,766
College Dr.-East of Collings West	2012	2032	115,000	\$3.01	\$346,475	\$17,324
Fox Drive	2012	2032	7,000	\$3.01	\$21,090	\$1,054
University Drive	2000	2020	42,000	\$3.01	\$126,539	\$6,327
South Campus Entrance Drive	2009	2029	28,000	\$3.01	\$84,359	\$4,218
Collings - East & North of Fox	2012	2032	70,000	\$3.01	\$210,898	\$10,545
Collings - West & North of Fox	2012	2032	70,000	\$3.01	\$210,898	\$10,545
Davis Road	2008	2028	64,000	\$3.01	\$192,821	\$9,641
Davis Road Walkway (Asphalt)	2016	2036	8,000	\$3.01	\$24,103	\$1,205
Drive to Football Field & Track	2006	2026	20,000	\$3.01	\$60,257	\$3,013
Non-Motorized Pathway	2011	2031	132,000	\$3.01	\$397,693	\$19,885
Pine Grove Lane	2010	2030	40,000	\$3.01	\$120,513	\$6,026
Pine Grove West Lane	2008	2028	26,000	\$3.01	\$78,333	\$3,917
Totals:		Lifespan: 20 years	647,000		1,949,298	97,465

Sidewalks

Area	Install Date	Average Replacement Date	Square Feet	Cost per Square Foot	Total Replacement Cost	Annual Cost
Sidewalks - A	1999	2029	42,000	\$10.28	\$431,813	\$14,394
Sidewalks - B	2006	2036	166,506	\$10.28	\$1,711,893	\$57,063
Sidewalks - C	2010	2040	44,830	\$10.28	\$460,909	\$15,364
Sidewalks - D	2007	2037	149,040	\$10.28	\$1,532,320	\$51,077
Sidewalks - E	2005	2035	137,301	\$10.28	\$1,411,628	\$47,054
Sidewalks - F	2008	2038	60,000	\$10.28	\$616,876	\$20,563
Sidewalks - 2013	2013	2043	12,000	\$10.28	\$123,375	\$4,113
Sidewalks - Davis Road	2016	2046	6,000	\$10.28	\$61,688	\$2,056
Sidewalks - Pine Grove Central	2018	2048	10,500	\$10.28	\$107,946	\$3,598
Sidewalks - Pine Grove West	2008	2038	40,800	\$10.28	\$419,476	\$13,983
Sidewalks - Ryder Fieldhouse	2014	2044	13,000	\$10.28	\$133,656	\$4,455
Sidewalks - University HealthCare	2009	2039	1,000	\$10.28	\$10,281	\$343
Sidewalks - Health Science	2010	2040	17,000	\$10.28	\$174,782	\$5,826
Sidewalks - C-Lot	2010	2040	7,600	\$10.28	\$78,138	\$2,605
Wickes Stadium - Concrete	2011	2041	19,971	\$10.28	\$205,327	\$6,844
Totals:		Lifespan: 30 years	727,548		\$7,480,108	\$249,337

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	\$9.06	\$1,850,784	\$92,539
International Sculpture Gardens	2007	2037	4,000		\$496,024	\$16,534
Museum Gardens	2013	2043	15,000	\$24.64	\$369,636	\$12,321
Athletic Fields						
Soccer	2022	2032	103,575	\$8.68	\$899,031	\$89,903
Tennis Courts	2010	2030	6 Courts	\$132,856	\$797,133	\$39,857
Wickes Football Field Turf	2022	2032	86,721	\$10.40	\$901,898	\$90,190
Softball / Baseball Fields	1990	2020	430,000	\$1.43	\$615,370	\$20,512
Intramural Fields East	2016	2046	492,000	\$0.40	\$197,641	\$6,588
Intramural Fields West	2008	2038	246,000	\$0.40	\$98,821	\$3,294
Housing Recreational Fields	2005	2025	3 b-ball/3 v-ball	\$30,830	\$184,980	\$9,249
Ryder Center - Fieldhouse Turf	2015	2025	46,500	\$14.37	\$668,399	\$66,840
Outdoor Facilities						
Football Stadium Bleacher Area	1995	2030	17,800	\$57.75	\$1,027,876	\$29,368
Amphitheatre & Bell Tower	1996	2046			\$1,031,234	\$20,625
Soccer Bleachers	2007	2042	200	\$57.75	\$11,549	\$330
Baseball Bleachers	2007	2042	4,500	\$57.75	\$259,856	\$7,424
Softball Bleachers	2007	2042	2,400	\$57.75	\$138,590	\$3,960
Site Furnishings						
Benches	2009	2024	82	\$3,083	\$252,816	\$16,854
Trash Cans	2009	2024	160	\$822	\$131,560	\$8,771
Directory Signs	1990	2020	15	\$5,138	\$77,072	\$2,569
Information Kiosks	1990	2020	2	\$10,276	\$20,552	\$685
University Village Signs	2009	2024	2	\$4,111	\$8,223	\$548
Pine Grove Signs	2009	2024	1	\$4,111	\$4,111	\$274
Campuswide Wayfinding Signs	2016	2036	1	\$288,729	\$288,729	\$14,436
Main Entrance Sign	2004	2024	1	\$719,370	\$719,370	\$35,968
Cardinal Events Sign	2012	2022	1	\$92,174	\$92,174	\$9,217
College Drive Electronic Sign	2016	2031	1	\$62,767	\$62,767	\$4,184
I Love SVSU Sign	2014	2034	1	\$10,988	\$10,988	\$549
Bicycle Racks	2007	2027	97	\$428	\$41,523	\$2,076
Night/Day Fountain	1987	2037	1	\$167,588	\$167,588	\$3,352
Gazelle Fountain	1975	2025	1	\$125,691	\$125,691	\$2,514
North & South Pond Fountains	2011	2021	2	\$29,032	\$58,065	\$5,806
Otter Fountain	2013	2063	1	\$22,178	\$22,178	\$444
Secondary Entrance Signs	2007	2027	3	\$20,111	\$60,332	\$3,017
University HealthCare Signs	2009	2029	2	\$44,665	\$89,330	\$4,467
Totals:	Lifespan: Varies				\$11,781,892	\$625,267

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	\$472,479	\$9,450
Fiber	1996	2046	\$478,241	\$9,565
Aerial Fiber (24 Miles)	2005	2055	\$570,928	\$11,419
Totals:	Lifespan: 50 or 80 years		\$1,521,648	\$30,433

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	\$16.97	\$1,383,748	\$46,125
Fixtures	2013	2043	1,100	\$4,111	\$4,522,377	\$150,746
Totals:	Lifespan: 30 years		82,630		\$5,906,124	\$196,871