SAGINAW VALLEY STATE UNIVERSITY

Five-Year Capital Outlay Plan

FY 2028 – FY 2032

October 2026

I. Mission Statement

https://www.svsu.edu/strategicplan/

Mission: To transform lives through comprehensive, engaged education and experiences that prepare students for tomorrow's challenges and opportunities.

Vision: To be widely known for innovative teaching, experiential learning, and our inclusive, welcoming campus. We aspire to be the top choice for those striving for personal and professional success. Our graduates are highly regarded for their outstanding knowledge, leadership, and skills.

Values:

- Academic Exploration
- Student Success
- Innovation & Institutional Excellence
- Ethical Behavior
- Financial and Environmental Stewardship
- Commitment to Safety
- Civility, Diversity, Equity, Inclusion, and Belonging
- Community Access, Collaboration, and Success

Priorities:

1. Academic Excellence & Student Experience
2. Campus Climate & Cultural Excellence
3. Holistic Enrollment Growth
4. Elevate Market Position
5. Safety & Operational Excellence
6. Community Partnerships and Engagement

II. Instructional Programming

a) **Existing Academic Programs and Projected Programming Changes**
Provided in **Appendix A** is our list of undergraduate and graduate academic programs by college.

Academic programs are periodically reviewed in the context of enrollment viability as well as relevance to regional and national trends. We expect future academic programming to be consistent with current offerings. New programs likely will be focused on key areas including business, cybersecurity, engineering, health professions, and environmental and other sciences.

b) **Unique Characteristics of Academic Mission**
SVSU embraces its role as a regional comprehensive masters-level university serving the Great Lakes Bay Region and the State of Michigan. We feature a solid core of academic programs offering experiential learning and innovative teaching. We recruit students worldwide, but 92.5% of our students are from Michigan; our top five sending counties are Saginaw, Bay, Genesee, Macomb, & Oakland counties. We have been awarded the

Carnegie Community Engagement classification, which affirms our deep commitment to the community we serve.

c) **Initiatives Which May Impact Facilities Usage**

Planning has begun on the Greater Michigan Health Professions School located in downtown Saginaw at the heart of the medical complex commonly known as the Great Lakes Bay Medical Diamond. This new building will be a primarily graduate-degree-focused academic facility that contains traditional, general-purpose classrooms, clinical space, and larger meeting spaces, along with research laboratories and faculty offices. The first floor will be accessible to the community for health center, fitness, hospitality, and outreach activities. All master's level and doctoral instruction for the College of Health and Human Services (HHS) will be relocated to the new building from the main campus University Center. HHS graduate programs continue to grow in enrollment, and the existing space in Bachand Hall is needed to serve more students and increase undergraduate biomedical and behavioral research.

SVSU has partnered with St. Clair County Community College to begin offering bachelor's degree completion in Port Huron. This is not expected to impact the existing facilities. It will expand SVSU's footprint across the State.

The Lake Huron Environmental Science Research Station is outlined in our capital outlay request.

The Herbert Dow Doan Science Building West building has significant deferred maintenance, an outdated design, and outdated equipment that requires a major renovation. The building contains classrooms, laboratories, and faculty offices for the College of Science, Engineering & Technology. The project will be submitted for capital outlay after the Lake Huron Environmental Science Research Station is completed.

d) **Economic Impact of Current/Future Programs**

The Lake Huron Environmental Science Research Station (LHESRS) and the Greater Michigan Health Professions School will create a dramatic economic impact through added academic facilities, increased research, K-12 outreach, and access to healthcare and academic programming. In partnership with community organizations, SVSU faculty and students will conduct water quality testing, environmental studies, and community and health research. Students will train for in-demand jobs in the health and science professions. The Herbert Dow Doan Science Building West capital outlay request will impact the region significantly with STEM-related field instruction and degree completion.

III. Staffing and Enrollment

a) **Student Enrollment**

Student Enrollment – Fall 2026

College	Full-Time	Part-Time	Total
College of Arts & Behavioral Sciences	1,103	146	1,249
College of Business & Management	1,023	115	1,138
College of Education	605	191	796
College of Science, Engineering & Technology	1,015	136	1,151
Crystal M. Lange College of Health & Human Services	1,893	413	2,306
Others			
Undeclared/Non-Degree	86	123	209
Totals	**5,725**	**1,124**	**6,849**

Most courses are held on the University Main Campus and minority online/virtual.

SVSU is actively collaborating with St. Clair County Community College to offer SVSU courses and degree completion in Port Huron. The first courses are expected to be offered in the winter term of 2027.

See **Appendix B** for enrollment by academic program.

b) **Enrollment – Historical Student Headcount**

Fall Semester 2022	7,147
Fall Semester 2023	6,889
Fall Semester 2024	6,822
Fall Semester 2025	6,906
Fall Semester 2026	6,849

c) **Enrollment – Projected Student Headcount**

(Projected) Fall Semester 2027	6,950
(Projected) Fall Semester 2028	7,000
(Projected) Fall Semester 2029	7,025
(Projected) Fall Semester 2030	7,050
(Projected) Fall Semester 2031	7,100

d) **Staff/Student Ratios**

Faculty/Staff Student Credit Hour Ratio – Fall 2026

	FTE 2026	Credit Hours (CH)	Ratio: CH/FTE
College of Arts & Behavioral Sciences			
Faculty	128.9	32,517	252
Administrative/Secretarial	10.7		3,039
Scott L. Carmona College of Business			
Faculty	38.6	9,888	256
Administrative/Secretarial	11.6		852
College of Education			
Faculty	25.3	5,039	199
Administrative/Secretarial	9.3		542
College of Science, Engineering & Technology			
Faculty	94.6	22,223	235
Administrative/Secretarial	15		1,482
Crystal M. Lange College of Health & Human Services			
Faculty	66.3	12,793	193
Administrative/Secretarial	19.6		653

e) **Future Staffing Needs**

We do not expect additional staffing needs beyond current levels in the next five years. Our enrollment is expected to be stable, and staffing currently satisfies that level of enrollment. Shifts may occur between in-demand and decreasing programs with no net effect to the total.

f) **Fall 2026 Average Class Size: 22.34**

One of our strategic plan goals is to deliver high-quality academic programs that lead to student success, improve retention, and stabilize enrollment. SVSU prides itself on our small class sizes and intends to continue to maintain our class sizes, in order to facilitate strong faculty-student interactions.

IV. Facility Assessment

See **Appendix C** for our Facilities Assessment & Deferred Maintenance Capital Planning Report with further clarity for specific points below.

a) Summary Description of Each Facility

The Campus Master Plan available at https://www.svsu.edu/campusfacilities/ provides descriptions by instructional, administrative, housing, athletic, and other categories.

We are working to update this plan and provide a summary by building types during future planning.

b) **Classroom Utilization Rates**

Fall 2026 – Classroom Utilization
ALL SVSU CLASSROOMS
47% (M-Th 8:30-4:20) ***Peak Time***
39% (M-F 8:00 AM- 10:00 PM)

Definition: Class Seat Utilization (%) = % of seats occupied compared to total seat capacity

c) **Mandated Facility Standards**

Addressed in Appendix C: Facilities Assessment & Deferred Maintenance Capital Planning Report.

d) **Functionality of Existing Structures & Space Allocation**

Addressed in the Campus Master Plan available at https://www.svsu.edu/campusfacilities/.

e) **Replacement Value**

Addressed in Appendix C: Facilities Assessment & Deferred Maintenance Capital Planning Report.

f) **Utility System Condition**

Addressed in Appendix C: Facilities Assessment & Deferred Maintenance Capital Planning Report and Campus Master Plan.

g) **Facility infrastructure condition**

Addressed in Appendix C: Facilities Assessment & Deferred Maintenance Capital Planning Report.

h) **Adequacy of Existing Utilities & Infrastructure Systems**

The utility systems for natural gas, sanitary sewer, storm sewer, and water are adequate and do not currently have any deferred maintenance. They can handle our current programmatic needs and can serve a larger student population. While the utility functions directly are adequate, there is a deferred maintenance backlog in utility-

related items such as chillers, cooling towers, boilers, water heaters, electrical equipment, and furnaces.

i) **Enterprise-wide Energy Plan**

SVSU utilizes Wolverine Power Marketing Cooperative for most of our electricity supply and the State of Michigan Energy Purchasing Cooperative for natural gas. We collaborate directly with them to both keep energy costs low and to explore ways to reduce carbon output via renewable and zero-carbon energy. We also actively look to implement energy saving initiatives through equipment & fixture replacements, building renovations, and we explore LEED certification for buildings or put the same measures into practice if certification is not obtained.

j) **Land Owned by Institution & Capacity For Future Development**

SVSU is situated on a 782-acre campus in the Great Lakes Bay Region within a triangle formed by the counties of Saginaw, Bay, and Midland. A campus map is available at https://www.svsu.edu/go/visit/maps/ and the Campus Master Plan further outlines the current land owned by SVSU. Capacity does not exist within the University Center campus unless natural area is reduced or eliminated. The natural area is important to SVSU and is not preferred to be conveyed for a different purpose. Land acquisitions will be necessary to provide locations for the Lake Huron Environmental Science Research Station, Greater Michigan Health Professions School, and additional student housing.

k) **Buildings Currently Obligated to the State Building Authority:**

Saginaw Valley	**Bond Issue**	**Refunding Issue(s)**	**Lease End Date**
Business & Professional Dev. Center	1997 Series II	1998 I/2003 IR/2009 IR/2019 Series IR	7/30/2019
Classroom Facility	2001 Series II	2005 Series I/2015 Series IR	10/31/2036
College of Business and Management	2020 Series IR		8/31/2055
Health Sciences Facility	2011 Series IIA		6/30/2046
Instructional Facility (Phase II)	1984 Series I	1991 Series I	12/27/1991
Instructional Facility (Phase IV) and Library Renovation	2005 Series I	2006 Series IR/2016 Series IR	12/31/2039
Physical Education Building	1988 Series I	1991 Series I/2001 Series I	7/12/2001
Pioneer Hall Renovations	2007 Series I MM		11/30/2042
Wickes Hall	1988 Series I	1991 Series I/2001 Series I	7/12/2001
Wickes Hall Renovation	2016 Series IR		7/31/2051

** From December 2025 State Building Authority FY2025 Project Cost Summary Report*

V. Implementation Plan

a) Major Capital Projects Prioritized

SVSU's prioritized major capital projects requested of the state are noted in the schedule below:

Saginaw Valley State University
Five-Year Capital Outlay Plan

FY 2028 - FY 2032

Project Description	Project Phase	Project Period (FYs)	Gross Square Feet	Project Estimated Cost	Funding Plan: State of Michigan	Funding Plan: SVSU Self Supporting	Funding Plan: Gifts/Other
Lake Huron Environmental Science Research Station	Planning Authorization	2024-2030	20,000	15,000,000	11,250,000	1,000,000	2,750,000
Future Requests							
Herbert Dow Doan Science Building West Renovation	FY2028 Request	2030-2033	72,500	20,000,000	15,000,000	2,500,000	2,500,000
				$ 35,000,000	$ 26,250,000	$ 3,500,000	$ 5,250,000

b) Deferred Maintenance Estimate

The estimate for the current deferred maintenance backlog is $94,400,000, see Appendix C for our Facilities Assessment & Deferred Maintenance Capital Planning Report with further clarity for specific points below. Addressing the deferred maintenance backlog immediately would prevent more emergency maintenance situations. Our current five-year plan for deferred maintenance does not provide us with funding for the replacement of many outdated chillers, boilers, electrical, and other critical function devices.

c) Status of On-Going Projects Financed with SBA

The Brown Hall project is completed with financial closeout pending.

d) Rate of Return on Planned Expenditures

The rate of return on planned expenditures is difficult to quantify. We do expect a return in energy savings and operational maintenance from Herbert Dow Doan Science Building West renovation.

e) **Alternatives to New Infrastructure**

SVSU is actively engaged in online and other distant learning opportunities to leverage existing space and serve students. The future capital outlay requests for additional space center on areas that require hands-on research and instruction, such as the growing areas of environmental and health sciences as well as renovating existing space.

f) **Maintenance Schedule**

SVSU will be replacing chillers in the next five years, which will likely exceed $1,000,000. We are mainly taking on necessary and safety concerns below $1,000,000 as priorities. Additional resources would allow us to create a replacement cycle with an economy of scale approach. The capital outlay request for Herbert Dow Doan Science West renovations planned for 2030 would satisfy a major deferred maintenance backlog that would require maintenance exceeding $1,000,000.

g) **Non-Routine Maintenance**

Currently, $1,296,000 is budgeted in fiscal year 2027 within the general fund for non-routine maintenance and capital projects. No new debt financing is planned for non-routine maintenance, so any expenditures beyond the budget must utilize general fund reserves. Auxiliary functions do support general campus-wide projects in proportion.

100+ Undergraduate Programs at SVSU

Arts & Behavioral Sciences

- Art
- Asian Studies — Minor
- Black Studies
- Communication
- Communication & Theatre Education
- Creative Writing
- Criminal Justice
- Digital Publishing and Community Journalism — Minor
- English Language Arts Education
- English-Literature
- Environmental Studies & Sustainability
- Fine Arts (BFA)
- French
- Gender Studies — Minor
- General Studies
- Geographic Information Systems — Certificate
- Geography
- Geospatial Techniques — Minor
- Graphic Design
- History
- International Studies
- Japanese — Minor
- Jazz Studies — Minor
- Leadership & Service — Minor
- Legal Philosophy — Minor
- Music
- Music Education
- Musical Theatre — Minor
- Philosophy — Minor
- Political Science
- Pre-Law
- Professional & Technical Writing
- Psychology
- Public Administration (4+1 MPA)
- Public History — Minor
- Public Law — Minor
- Religious Studies — Minor
- Sociology
- Spanish
- Spanish Education
- Spanish for Health Professions — Minor
- Teaching English to Speakers of Other Languages — Minor
- Theatre
- User Experience Design — Minor
- Visual Arts Education
- Writing for Public Purposes — Minor

Teacher Education

Early Childhood & Elementary

- Birth-Kindergarten
- PK-3rd Grade Lower Elementary
- 3rd-6th Grade Upper Elementary

Middle and Secondary, 5th-9th Grades & 7th-12th Grades

- English Language Arts
- Mathematics
- Science
- Social Studies

K-12 Special Education

- Autism Spectrum Disorder
- Cognitive Impairment
- Learning Disabilities

PK-12 Specialty Areas & Additional Endorsements

- English as a Second Language
- Health and Physical Education
- Music Education
- Visual Arts Education
- Spanish Education
- Educational Studies — Minor (non-certification)

Business

All business majors can lead to a 4+1 MBA.

- Accounting
- BPA (CPA track)
- Digital Marketing — Certificate
- Economics
- Economics and Data Analytics
- Entrepreneurship — Minor; Certificate
- Finance
  - Financial Planning — Concentration
  - Investment — Concentration
- General Business
- International Business
- Legal Studies — Minor
- Management
  - Family Business Management — Concentration
  - Human Resource Management — Concentration
- Marketing
- Professional Sales — Minor; Certificate
- Supply Chain Management

Health & Human Services

- Athletic Coaching — Minor
- Behavioral Health-Substance Use and Dependency — Minor; Certificate
- Child Welfare — Certificate
- Emergency Management — Minor
- Epidemiology — Minor
- Exercise Promotion — Minor
- Exercise Science
- Gerontology — Minor; Certificate
- Healthcare Quality & Safety — Minor
- Health and Physical Education
- Health Science
- Long Term Care — Minor
- Long Term Care Administrator — Certificate
- Medical Laboratory Science
- Neuroscience
- Nursing
  - BSN
  - RN to BSN
- Occupational Therapy (3+2 MSOT)
- Pre-Athletic Training
- Pre-Physical Therapy
- Public Health
  - Combined BS/MPH degree
  - Health Promotion — Concentration
  - Health Administration — Concentration
- Public Health Policy & Advocacy — Minor
- Rehabilitation Medicine
- Social Work
- Youth Services — Minor

Science, Engineering & Technology

- Actuarial Science — Minor
- Agricultural Studies — Minor
- Applied Mathematics
- Biochemistry
  - Environmental — Concentration
- Biological Science
- Business Chemistry
- Cell Biology, Molecular Biology & Biomedical Sciences
- Chemical Physics
- Chemistry
  - American Chemical Society (ACS) — Concentration
  - Environmental — Concentration
- Computer Engineering
- Computer Information Systems
- Computer Science
- Computer Science & Information Systems — Minor
- Cybersecurity — Minor
- Ecology, Evolution & Organismal Biology
- Electrical Engineering
- Engineering & Technology — Minor
- Engineering Technology Management
- Environmental Science
- Mathematics
- Mathematics Education
- Mechanical Engineering
- Optical Physics
- Physics
- Pre-Agriculture
- Psychological Biology — Minor
- Science Education

Pre-Professional Health Programs

- Pre-Chiropractic Medicine
- Pre-Dentistry
- Pre-Medicine
- Pre-Optometry
- Pre-Pharmacy
- Pre-Physician Assistant
- Pre-Podiatry
- Pre-Veterinary Medicine

Master's and Advanced Degrees

Business

Business Administration (MBA)

- Business Analytics — Concentration
- Entrepreneurship — Concentration
- Health Administration — Concentration
- International Business — Certificate

Health

- Health Administration (MHA)
- Health Administration/Public Health (Dual MHA/MPH)
- Occupational Therapy (MSOT)
- Social Work (MSW)
- Public Health (MPH)
  - Combined BS/MPH degree

Public Health Certifications

- Public Health — Certificate
- Public Health Policy & Advocacy — Certificate
- Healthcare Ethics and Compliance — Certificate
- Health Administration Leadership — Certificate
- Healthcare Quality and Safety — Certificate
- Epidemiology — Certificate

Communication

- Strategic Organizational Communication — Certificate

Education

- Early Childhood Classroom Teaching (MAT)
- Educational Leadership – Principalship (M.Ed.)
- Educational Leadership – Ed Specialist (Ed.S.)
- Educational Leadership – Accelerated Route to Michigan Administrator Certification (Ascend Leadership Academy)
- K–12 Literacy Specialist (MAT)
- Special Education (MAT)

Education Certifications

- Traditional Route to Teacher Certification — Certificate
- Accelerated Route to Teacher Certification — Certificate
- Autism Spectrum Disorder (K-12) — Certificate
- Cognitive Impairment (K-12) — Certificate
- Learning Disabilities (K-12) — Certificate

Public Service & Nonprofit

Public Administration (MPA)

- Student Affairs Administration — Concentration
- Workplace Conflict Management — Certificate

Technology

- Computer Science & Information Systems (MS)

Nursing

Doctor of Nursing Practice (DNP) — MSN Required

- MSN to DNP
- Dual Family Nurse Practitioner/ Psychiatric Mental Health Nurse Practitioner (FNP-PMHNP)
- Family Nurse Practitioner (FNP)
- Psychiatric Mental Health Nurse Practitioner (PMHNP)

Master of Science in Nursing (MSN) — BSN Required

- Nurse Administrator — Concentration
- Nurse Educator — Concentration
- Dual Nurse Educator/Nurse Administrator — Concentration
- Family Nurse Practitioner (FNP) — Concentration
- Psychiatric Mental Health Nurse Practitioner (PMHNP) — Concentration
- Dual Family Nurse Practitioner/Psychiatric Mental Health Nurse Practitioner (FNP-PMHNP) — Concentration

Graduate Nursing Certifications — BSN Required

- Nurse Administrator
- Nurse Educator
- Dual Nurse Educator/Nurse Administrator

Post-Graduate Nursing Certifications — MSN Required

- Family Nurse Practitioner (FNP)
- Psychiatric Mental Health Nurse Practitioner (PMHNP)

Appendix B

Program	Full Time	Part Time	Total
Accounting Major - Bachelor of Business Administr (BBA)	35	5	**40**
Applied Mathematics Major - (BS)	8		**8**
Art (BA)	25	5	**30**
Basic Nursing Program (BSN)	345	28	**373**
Biochemistry (BS)	54	6	**60**
Biological Science Major (B.S.)	61	6	**67**
BIOLOGY (BS)		1	**1**
Biology Major for Teacher Certification (BS)	2		**2**
Black Studies Major (BA)	1		**1**
Business Chemistry (BS)	1	1	**2**
Cell Biology, Molecular Biology, & Biomedical Sciences B.S.	173	11	**184**
Chemical Physics (BS)	5	1	**6**
Chemistry Major (ACS) (BS)		1	**1**
Chemistry Major (BS)	16	6	**22**
Communication (BA)	83	10	**93**
Computer Engineering (B.S.)	24	2	**26**
Computer Information Systems Major (BS)	53	15	**68**
Computer Science and Information Systems (M.S.)	5	1	**6**
Computer Science Major (BS)	118	17	**135**
Creative Writing (BA)	24	4	**28**
Criminal Justice (BA)	180	13	**193**
Doctor of Nursing Practice (DNP) BSN to DNP Program		7	**7**
Doctor of Nursing Practice (DNP) MSN to DNP Program		7	**7**
Doctor of Nursing Practice (DNP) Psyc. Mental Health - BSN		2	**2**
Doctor of Nursing Practice (DNP) Psyc. Mental Health - MSN		1	**1**
Early Childhood Classroom Teaching - Endorsement		2	**2**
Early Childhood Classroom Teaching (MAT)	2	17	**19**
Early Childhood Education (B.A.)	7	3	**10**
Ecology, Evolution and Organismal Biology Major (B.S.)	42	13	**55**
Economics and Data Analytics Major (BS)	9	3	**12**
Economics (BA)	1		**1**
Economics (BBA)	3		**3**
Ed Specialist - Director of Spcl Ed with Cntrl Office (EDS)		7	**7**
Education Specialist - Central Office (EDS)		6	**6**
Education Specialist - Directorship of Special Ed (EDS)	1	3	**4**
Electrical Engineering Major (BSEE)	75	9	**84**
Engineering Technology Management Major (BS)	22	4	**26**
English Language Arts Major for Teacher Certification (5-12)	21		**21**
English Major for Teacher Certification (BA)	5		**5**
Environmental Science Major (B.S.)	37	2	**39**
Environmental Studies and Sustainability (B.A.)	28	5	**33**
Exercise Science (BS)	195	13	**208**
Finance (BBA)	39	7	**46**
Fine Arts (BFA)	13	5	**18**
French Major (BA)	2		**2**
General Business Major (BBA)	25	5	**30**
General Studies (BGS)	23	24	**47**
Geography Major (BA)	6		**6**
Graduate Certificate in Epidemiology		3	**3**
Graphic Design (BA)	92	5	**97**
Health Administration & Leadership (MS)		3	**3**

Appendix B

Program	Full Time	Part Time	Total
Health Administration (ms)	7	17	**24**
Health & Physical Education Teacher Education, K-12 (BA)	14		**14**
Health Science (BS)	30	2	**32**
Health Science Interdisciplinary (BS)	21	4	**25**
History Major (BA)	31	4	**35**
History Major for Teacher Certification (BA)	3		**3**
Integrated Science, grades 6-12 Major (BA)	2		**2**
International Business (BBA)	3		**3**
International Studies (BA)	3		**3**
International Studies (BA) - Asian Studies	5	1	**6**
International Studies (BA) - European Studies	2		**2**
International Studies (BA) - Latin American Studies	2		**2**
K-12 Literacy Specialist (MAT)		19	**19**
Literature (BA)	15	5	**20**
Long Term Care Administrator Certificate	1	10	**11**
Management (BBA)	20		**20**
Marketing (BBA)	43	4	**47**
Marketing - Professional Sales Concentration (BBA)	1		**1**
Master in Health Admin./Master of Public Health Dual	4	5	**9**
Master of Arts in Public Administration	13	10	**23**
Master of Arts in Public Administration - Student Affairs	1	5	**6**
Master of Business Administration (MBA)	44	43	**87**
Master of Education - Principalship		11	**11**
Master of Public Health	4	23	**27**
Master of Science in Nursing (MSN) - Nursing Ed		11	**11**
Master of Science in Occupational Therapy	79	43	**122**
Master of Social Work (M.S.W.)	44	9	**53**
Master of Social Work (M.S.W.) Advanced Standing	18	10	**28**
Mathematics Major (BS)	10	1	**11**
Mathematics Major for Teacher Certification (BS)	2	1	**3**
Mathematics Major for Teacher Certification: Grades 7 to 12	6		**6**
Mechanical Engineering (BSME)	91	17	**108**
Medical Laboratory Science (BS)	13	2	**15**
MSN - Dual Nursing Ed/Nursing Admin		7	**7**
MSN - Nursing Admin		4	**4**
MSN - Primary Care Family Nurse Practitioner	1	12	**13**
MSN - Primary Care Family Nurse Practitioner - BSN to DNP	2	9	**11**
MSN - Psychiatric Mental Health Nurse Practitioner	1	2	**3**
Music Education Major (B.A.)	45	3	**48**
Music Major (BA)	4		**4**
ND.AUDIT		2	**2**
ND.EXPL		13	**13**
ND.HS	24	86	**110**
ND.POSTB	1	9	**10**
Neuroscience Major (BS)	30		**30**
Non-Degree Graduate Guest	1		**1**
Non-Degree Undergraduate Guest	5	6	**11**
Nursing-ADN to BSN Concurrent		8	**8**
Nursing - RN to BSN (BSN)		21	**21**
Physics Major (BS)	12	3	**15**
Political Science (BA)	63	3	**66**

Appendix B

Program	Full Time	Part Time	Total
Political Science - Public Administration (BA)	4		**4**
Pre-Accounting	106	8	**114**
Pre-Accounting (Pre-BPA)	30		**30**
Pre-Agricultural Studies	2		**2**
Pre-Biology Major for Teacher Certificaiton		1	**1**
Pre-Business		1	**1**
Pre-Computer Information Systems		1	**1**
Pre-Dentistry	8		**8**
Pre-Economics	6		**6**
Pre-Electrical Engineering Major	6	1	**7**
Pre-Engineering Technology Management Major	2		**2**
Pre-English Education	1		**1**
PRE English Language Arts Major for Teacher Cert (5-12)	54	6	**60**
Pre-Finance	123	1	**124**
PRE-Fine Arts (BFA)	15	3	**18**
Pre-General Business	249	11	**260**
Pre - Health & Physical Education Teacher Education, K-12	41	3	**44**
Pre-Health Professions	39	1	**40**
Pre-History Education	5		**5**
Pre-International Business	13	1	**14**
Pre-Law	14		**14**
Pre-Management	70	5	**75**
Pre-Management - Family Business Management Concentration	1		**1**
Pre-Marketing	102	7	**109**
Pre-Mathematics Major for Teacher Certification	18	2	**20**
Pre-Mechanical Engineering	104	10	**114**
Pre-Medical Laboratory Science	39	5	**44**
Pre-Medicine	18	2	**20**
Pre-Music	3		**3**
Pre-Music Education Major	1		**1**
Pre-Nursing	399	19	**418**
Pre - Nursing-ADN to BSN Concurrent		6	**6**
Pre-Nursing (RN to BSN)	1	30	**31**
Pre-Occupational Therapy Major	194	4	**198**
Pre-Physical Therapy	18		**18**
Pre-Physics	1		**1**
Pre-Science Major for Teaching Cert: Middle/Secondary	12	2	**14**
Pre-Secondary Education	5		**5**
Pre - Social Studies Major (6 -12)	57	3	**60**
Pre-Social Work	133	12	**145**
Pre-Spanish Education	3		**3**
Pre Special Education Major: K-12	2		**2**
Pre-Supply Chain Management	60	7	**67**
Pre-Teacher Education (B.A.)	158	8	**166**
Pre-Teacher Education (B.A.) - Early Childhood & Lower Elem	66	5	**71**
Pre-Teacher Education (B.A.) - Early Child with Special Ed	15	2	**17**
Pre-Teacher Education (b.A.) - Lower Elem With Special Ed	10	1	**11**
Pre-Teacher Education (B.A.) - Upper Elem with Special Ed	6		**6**
Pre-Visual Arts Education (k-12)	18	6	**24**
Primary Care Family Nurse Practitioner Certificate		1	**1**
Professional Accountancy (BPA)	24	2	**26**

Appendix B

Program	Full Time	Part Time	Total
Professional & Technical Writing Major (BA)	20	4	**24**
Psychiatric Mental Health Nurse Practitioner Certificate	1	53	**54**
Psychology Major (BA)	228	19	**247**
Public Health Major (B.S.)	28	2	**30**
Public Health Major (b.S.) - Combined	14		**14**
Public Health Major (B.S.) - Health Administration Track	3	2	**5**
Public Health Major (B.S.) - Health Promotions Track	3	2	**5**
Rehabilitation Medicine (B.S.)	63	1	**64**
Rehabilitation Medicine - OT (B.S.)	13		**13**
Science Major for Teaching Cert: Middle/Secondary (B.S)	2		**2**
Social Studies Major for Teacher Certification, Grades 6 -12	26	1	**27**
Social Work Major (BSW)	97	9	**106**
Social Work Major - Interdisciplinary (BSW)	37	1	**38**
Sociology Major (BA)	16	5	**21**
Spanish Major (BA)	3		**3**
Spanish Major for Teacher Certification (BA)	2		**2**
Special Education: Master's in the Art of Teaching (M.A.T.)		14	**14**
Special Education: (M.A.T.) with ASD		9	**9**
Special Education: (M.A.T.) with CI		4	**4**
Special Education: (M.A.T.) with LD		3	**3**
Special Education - Secondary - CI (BA)	1		**1**
Supply Chain Management (BBA)	16	5	**21**
Teacher Cert: Cognitive Impairment (k-12) Endorsement		7	**7**
Teacher Certification: Autism Spectrum Disorder Endorsement		12	**12**
Teacher Certification: Central Office Administrator		4	**4**
Teacher Certification: Director of Special Education		1	**1**
Teacher Certification: Endorsement- Early Childhood		4	**4**
Teacher Certification: Endorsement- Learning Disabilities		9	**9**
Teacher Certification: Endorsement - Major/Minor		4	**4**
Teacher Certification: Post Master		1	**1**
Teacher Certification: Pre-Provisional - Secondary	1		**1**
Teacher Certification: Professional Development		4	**4**
Teacher Certification: Provisional Certificate	16	4	**20**
Teacher Certification: Supervisor of Special Education		18	**18**
Teacher Education (B.A.) - Early Childhood	1		**1**
Teacher Education (B.A.) - Early Childhood & Lower Elem	43		**43**
Teacher Education (B.A.) - Early Childhood with Special Ed	2		**2**
Teacher Education (B.A.) - Integrated Science (K-8)	2		**2**
Teacher Education (B.A.) - Language Arts (K-8)	2		**2**
Teacher Education (B.A.) - Lower Elementary	3		**3**
Teacher Education (B.A.) - Lower Elementary with Special Ed	31	1	**32**
Teacher Education (B.A.) - Lower & Upper Elementary	112	2	**114**
Teacher Education (B.A.) - Social Studies (K-8)	2		**2**
Teacher Education (B.A.) - Upper Elementary	1		**1**
Teacher Education (B.A.) - Upper Elementary with Special Ed	17		**17**
Theatre Major (BA)	22		**22**
Think Cardinal Program		1	**1**
Undergraduate - Undeclared: Exploring Majors	55	6	**61**
Visual Arts Education (BA)	4	1	**5**
Total	**5725**	**1124**	**6849**

Appendix C

SAGINAW VALLEY STATE UNIVERSITY



Facilities Assessment &

Deferred Maintenance Capital Planning Report

Updated - October 5 , 2026

Deferred Maintenance - 2026

Index

Page	Category	Total Replacement Cost
3.	Roofs	$15,719,096
4.	Structure / Glazing / Cladding	$189,398,805
5.	Ceilings / Doors / Frames	$55,820,052
6.	Carpet	$13,708,938
7.	Furniture	$35,097,358
8.	Plumbing / Electrical	$134,933,942
9.	Lighting	$86,383,463
10.	HVAC	$129,694,019
11.	Furnaces / Condensing Units	$6,164,698
12.	Water Heaters	$404,812
13.	Appliances	$4,321,205
14.	Boilers	$17,805,100
15.	Chillers / Cooling Towers	$6,914,307
16.	Utilities	$26,168,168
17.	8320 Volt System	$32,822,849
18. - 22.	Food Service Equipment	$1,933,776
23.	AV Equipment	$3,053,296
24.	I.T. Equipment	$14,880,201
25.	Parking Lots	$10,229,898
26.	Roads	$2,297,938
27.	Sidewalks	$8,818,033
28.	Exterior Facilities / Furnishings	$13,878,180
29.	Site Data / Telecommunications	$1,793,801
30.	Site Lighting	$6,962,459
	Totals:	**$819,204,394**

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	$9.70	$629,530	$41,969
Athletic Football Concessions Bldgs.	2015	2045	1,800	$9.70	$17,460	$582
Athletic Storage Bldgs. East & West	2015	2045	3,400	$9.70	$32,980	$1,099
Bell Tower	--	--	--	--	--	--
Brown Hall	2025	2045	30,000	$9.70	$291,000	$14,550
Campus Recreation Center/Fitness Center	2010	2030	35,000	$9.70	$339,500	$16,975
Carmona College of Business	2020	2035	13,639	$26.62	$363,070	$24,205
Children's Center	2008	2023	2,900	$8.48	$24,592	$1,639
Concession Building	2006	2026	3,312	$9.70	$32,126	$1,606
Doan Center	2008	2028	46,300	$9.70	$449,110	$22,456
Founders Hall	2024	2054	8,400	$8.48	$71,232	$2,374
Gilbertson Hall (REC)	2004	2024	69,700	$9.70	$676,090	$33,805
Great Lakes A - E	2006	2026	19,000	$9.70	$184,300	$9,215
Grounds Building	2002	2052	6,500	$25.35	$164,775	$3,296
Hamilton Gym	2023	2043	22,500	$9.70	$218,250	$10,913
Bachand Hall	2010	2030	71,433	$9.70	$692,900	$34,645
Living Center North (Brandimore House)	2024	2044	44,000	$8.48	$373,120	$18,656
Living Center South	2023	2043	44,000	$8.48	$373,120	$18,656
Living Center Southwest	2009	2029	35,000	$8.48	$296,800	$14,840
Observatory	--	--	--	--	--	--
Pine Grove Central	2002	2022	27,000	$8.48	$228,960	$11,448
Pine Grove East	2015	2045	21,200	$8.48	$179,776	$5,993
Pine Grove West	2008	2028	38,000	$8.48	$322,240	$16,112
Pioneer Hall	2023	2043	46,500	$9.70	$451,050	$22,553
Ryder Center	2013	2033	152,800	$9.70	$1,482,160	$74,108
Ryder Center - Fieldhouse	2014	2064	144,000	$9.70	$1,396,800	$27,936
Ryder Center Gerstacker Pool	2025	2045	20,600	$14.84	$271,085	$13,555
Science Building - East	2018	2033	46,000	$9.70	$446,200	$29,747
Science Building - West	1999	2019	32,400	$9.70	$314,280	$15,714
Soccer Pressbox	2017	2037	312	$9.70	$3,026	$151
Softball Pressbox	2016	2036	240	$9.70	$2,328	$116
South Campus Complex - Bldg. A	1993	2043	27,300	$25.35	$692,055	$13,841
South Campus Complex - Bldg. B ('66)	2022	2037	19,300	$9.70	$187,210	$12,481
South Campus Complex - Bldg. C ('68)	2021	2036	20,400	$9.70	$197,880	$13,192
Student Center	2003	2023	34,000	$9.70	$329,800	$16,490
Studio	2006	2026	9,900	$9.70	$96,030	$4,802
Tranquil Hall F & G	1995	2015	7,100	$9.70	$68,870	$3,444
University HealthCare	2009	2029	15,520	$9.70	$150,544	$7,527
University Village I	2023	2043	51,100	$8.48	$433,328	$21,666
University Village II	2024	2044	71,200	$8.48	$603,776	$30,189
University Village III	2005	2025	47,312	$8.48	$401,206	$20,060
University Village IV	2007	2027	41,500	$8.48	$351,920	$17,596
University Village 422 & 430	2026	2047	10,000	$5.05	$48,310	$2,416
West Complex	2013	2033	124,200	$9.70	$1,204,740	$60,237
Wickes Hall	2015	2035	40,200	$9.70	$389,940	$19,497
Wickes Memorial Stadium	1991/2014	2011/2034	1,600	$9.70	$15,520	$776
Zahnow Amphitheatre	--	--	--	--	--	--
Zahnow Library	2003	2023	27,200	$9.70	$263,840	$13,192
Totals:	**Lifespan: 15, 20, 30 or 50 yrs**		**1,598,668**		**$15,762,830**	**$746,318**

Structure / Glazing / Cladding / Walls

Building	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	1990	2065	$8,769,365	$116,925
Bell Tower	1998	2073	$93,041	$1,241
Brown Hall	1986	2061	$5,338,176	$71,176
Campus Recreation Center/Fitness Center	2007	2082	$3,922,934	$52,306
Carmona College of Business	2020	2095	$8,083,371	$107,778
Children's Center	1980	2055	$135,324	$1,804
Concession Building	2006	2081	$410,776	$5,477
Doan Center	1983	2058	$4,085,417	$54,472
Founders Hall	1995	2070	$497,243	$6,630
Gilbertson Hall (REC)	2003	2078	$11,567,764	$154,237
Great Lakes A - E	1974	2049	$4,109,583	$54,794
Grounds Building	2002	2077	$363,442	$4,846
Hamilton Gym	1971	2046	$3,012,930	$40,172
Bachand Hall	2010	2085	$9,201,542	$122,687
Living Center North (Brandimore House)	1999	2074	$7,629,705	$101,729
Living Center South	2004	2079	$7,629,705	$101,729
Living Center Southwest	2009	2084	$5,735,445	$76,473
Observatory	1973	2048	$42,887	$572
Pine Grove Central	1995	2070	$1,839,244	$24,523
Pine Grove East	1997	2072	$907,307	$12,097
Pine Grove West	2008	2083	$2,838,763	$37,850
Pioneer Hall	2007	2082	$5,860,542	$78,141
Ryder Center	1989	2064	$17,461,948	$232,826
Ryder Center - Fieldhouse	2014	2089	$5,667,009	$75,560
Science Building - East	2001	2076	$7,753,437	$103,379
Science Building - West	1990	2065	$4,845,899	$64,612
Soccer Pressbox	2017	2092	$254,176	$3,389
Softball Pressbox	2010	2085	$69,147	$922
SCC-A	1986	2061	$1,978,055	$26,374
SCC-B	1970	2045	$1,242,446	$16,566
SCC-C	1968	2043	$1,332,418	$17,766
Student Center	2003	2078	$3,490,864	$46,545
Studio	2006	2081	$956,580	$12,754
Tranquil Hall F & G	1974	2049	$2,432,408	$32,432
University HealthCare	2009	2084	$1,363,344	$18,178
University Village I	2022	2097	$3,323,158	$44,309
University Village II	2024	2099	$4,430,876	$59,078
University Village III	2005	2080	$2,953,918	$39,386
University Village IV	2007	2082	$2,584,677	$34,462
Unviersity Village 422 & 430	2026	2101	$700,000	$9,334
West Complex	1996	2071	$17,645,545	$235,274
Wickes Hall	1972	2047	$7,269,557	$96,927
Wickes Memorial Stadium	1991	2066	$397,577	$5,301
Zahnow Amphitheatre	--	--	--	
Zahnow Library	2002	2077	$9,871,261	$131,617
Totals:	**Lifespan: 75 years**		**$190,098,805**	**$2,534,651**

Ceilings / Doors / Floors

Building	Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	2010	2040	$2,454,655	$81,822
Bell Tower	--	--	--	
Brown Hall	2025	2055	$1,186,263	$39,542
Campus Recreation Center/Fitness Center	2007	2037	$1,114,072	$37,136
Carmona College of Business	2020	2050	$1,589,689	$52,990
Concession Building	2006	2036	$93,032	$3,101
Doan Center	2005	2035	$1,210,493	$40,350
Founders Hall	1995	2025	$184,164	$6,139
Gilbertson Hall (REC)	2005	2035	$3,427,486	$114,250
Great Lakes A - E	2008	2038	$1,217,653	$40,588
Grounds Building	2002	2032	$96,918	$3,231
Hamilton Gym	2005	2035	$935,047	$31,168
Bachand Hall	2010	2040	$2,555,984	$85,199
Living Center North (Brandimore House)	1999	2029	$2,260,650	$75,355
Living Center South	2004	2034	$2,260,650	$75,355
Living Center Southwest	2009	2039	$1,871,072	$62,369
Observatory	1973	2003	$2,181	$73
Pine Grove Central	1988	2018	$544,963	$18,165
Pine Grove East	1997	2027	$268,834	$8,961
Pine Grove West	2008	2038	$911,089	$30,370
Pioneer Hall	2007	2037	$1,628,730	$54,291
Ryder Center	1992	2022	$6,668,511	$222,284
Ryder Center - Fieldhouse	2014	2044	$647,658	$21,589
Science Building - East	2001	2031	$3,489,047	$116,302
Science Building - West	1997	2027	$1,550,688	$51,690
Soccer Pressbox	2017	2047	$4,236	$141
Softball Pressbox	2007	2037	$4,346	$145
SCC-A	1987	2017	$523,604	$17,453
SCC-B	1979	2009	$292,339	$9,745
SCC-C	1984	2014	$313,510	$10,450
Student Center	2003	2033	$1,034,330	$34,478
Studio	2006	2036	$273,309	$9,110
Tranquil Hall F & G	2008	2038	$608,103	$20,270
University HealthCare	2009	2039	$376,095	$12,536
University Village I	2000	2030	$984,640	$32,821
University Village II	2001	2031	$1,312,854	$43,762
University Village III	2005	2035	$875,237	$29,175
University Village IV	2007	2037	$765,831	$25,528
Unviersity Village 422 & 430	2026	2026	$750,000	$25,000
West Complex	1997	2027	$5,466,804	$182,227
Wickes Hall	2012	2042	$2,153,944	$71,798
Wickes Memorial Stadium	1991	2021	$36,983	$1,233
Zahnow Amphitheatre	--	--	--	
Zahnow Library	2004	2034	$2,624,359	$87,479
Totals:	**Lifespan: 30 years**		**$56,570,052**	**$1,885,668**

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	$10.91	$172,325	$13,256
Bell Tower	--	--	--	--		
Brown Hall	2025	2038	33,700	$10.91	$367,553	$28,273
Campus Recreation Center/Fitness Center	2010	2023	5,000	$10.91	$54,550	$4,196
Carmona College of Business	2020	2033	36,574	$10.90	$398,697	$30,669
Concession Building	--	--	--	--		
Doan Center	2025	2039	17,350	$10.91	$189,230	$13,516
Doan Center 105, 106, 107	2025	2038	1,620	$10.91	$17,674	$1,360
Founders Hall	2024	2037	2,800	$10.91	$30,548	$2,350
Gilbertson Hall (REC)	2003	2016	78,975	$10.91	$861,351	$66,258
Gilbertson Hall South Wing	2025	2038	29,500	$10.91	$321,845	$24,757
Great Lakes D & E	2024	2037	13,900	$10.91	$151,649	$11,665
Great Lakes A - C	2025	2038	20,850	$10.91	$348,735	$26,826
Grounds Building	--	--	--	--		--
Hamilton Gym	--	--	--	--		--
Bachand Hall	2010	2023	55,000	$10.91	$599,864	$46,143
Living Center North (Brandimore House)	2011	2024	76,340	$10.91	$832,612	$64,047
Living Center South	2022	2035	76,340	$10.91	$832,612	$64,047
Living Center Southwest	2009	2022	64,000	$10.91	$698,024	$53,694
Observatory	--	--	--	--		
Pine Grove Central	2023	2036	24,650	$10.91	$268,848	$20,681
Pine Grove East	2011	2024	14,550	$10.91	$158,691	$12,207
Pine Grove West	2008	2021	53,000	$10.91	$578,051	$44,465
Pioneer Hall	2007	2020	25,700	$10.91	$280,300	$21,562
Ryder Center	2010	2023	35,250	$10.91	$384,458	$29,574
Ryder Center - Fieldhouse	2014	2027	14,000	$10.91	$152,693	$11,746
Science Building - East	2011	2024	60,850	$10.91	$663,668	$51,051
Science Building - West	2019	2032	27,938	$10.91	$304,709	$23,439
Softball Pressbox	--	--	--	--	--	--
SCC-A	2013	2026	23,100	$10.91	$251,943	$19,380
SCC-B	2013	2026	3,500	$10.91	$38,173	$2,936
SCC-C	2013	2026	8,375	$10.91	$91,343	$7,026
Student Center	2003	2016	6,700	$10.91	$73,074	$5,621
Student Center	2006	2019	1,150	$10.91	$12,543	$965
Studio Center	2025	2038	5,108	$10.91	$55,711	$4,285
Tranquil Hall F & G	2023	2036	14,000	$10.91	$152,693	$11,746
University HealthCare	2009	2022	9,500	$10.91	$103,613	$7,970
University Village I	2022	2035	37,625	$10.91	$410,362	$31,566
University Village II	2024	2037	51,925	$10.91	$566,326	$43,564
University Village III	2005	2018	34,850	$10.91	$380,096	$29,238
University Village IV	2007	2020	30,300	$10.91	$330,471	$25,421
University Village 422 & 430	2026	2039	3,720	$35.06	$130,423	$10,033
West Complex	2010	2023	125,700	$10.91	$1,370,963	$105,459
Wickes Hall	2015	2028	78,300	$10.91	$853,989	$65,691
Wickes Memorial Stadium	--	--	--	--	--	--
Zahnow Amphitheatre	--	--	--	--	--	
Zahnow Library	2015	2028	80,700	$10.91	$880,164	$67,705

Furniture

Building	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	1999	2013	$591,913	$42,280
Brown Hall	2025	2050	$1,571,889	$62,876
Campus Recreation Center/Fitness Center	2010	2024	$35,554	$2,540
Carmona College of Business	2020	2034	$878,478	$62,748
Concession Building	2006	2020	$48,010	$3,429
Doan Center	2005	2019	$101,765	$7,269
Founders Hall	1995	2009	$134,958	$9,640
Gilbertson Hall (REC)	2003	2017	$3,634,424	$259,602
Great Lakes D & E	2024	2038		
Great Lakes A - C	2025	2039	$751,924	$53,709
Grounds Building	2002	2016	$44,825	$3,202
Hamilton Gym	2004	2018	$172,089	$12,292
Bachand Hall	2010	2024	$1,845,785	$131,842
Living Center North (Brandimore House)	1999	2013	$1,648,938	$117,781
Living Center South	2004	2018	$1,648,938	$117,781
Living Center Southwest	2009	2023	$968,445	$69,175
Pine Grove Central	2003	2017	$1,034,241	$73,874
Pine Grove East	2007	2021	$769,573	$54,969
Pine Grove West	2008	2022	$920,680	$65,763
Pioneer Hall	2007	2021	$1,481,719	$105,837
Ryder Center	1991	2005	$550,494	$39,321
Ryder Center - Fieldhouse	2014	2028	$48,574	$3,470
Science Building - East	2001	2015	$1,572,797	$112,343
Science Building - West	1990	2004	$1,498,170	$107,012
Softball Pressbox	2006	2020	$3,161	$226
SCC-A	1992	2006	$989,775	$70,698
SCC-B	1996	2010	$234,057	$16,718
SCC-C	1987	2001	$172,998	$12,357
Student Center	2003	2017	$448,246	$32,018
Tranquil Hall F & G (New Last Yr)	2023	2037	$317,402	$22,672
University HealthCare	2009	2023	$169,242	$12,089
University Village I	2000	2014	$902,249	$64,446
University Village II	2001	2015	$1,162,967	$83,069
University Village III	2006	2020	$747,824	$53,416
University Village IV	2007	2021	$678,433	$48,460
University Village 422 & 430	2026	2040	$166,550	$11,896
West Complex	1996	2010	$3,556,178	$254,013
Wickes Hall	2004	2018	$2,522,532	$180,181
Zahnow Library	2016	2030	$1,211,474	$86,534
Totals:	**Lifespan: 14 years**		**$35,237,272**	**$2,467,546**

Plumbing / Electrical

Building	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	2005	2055	$5,390,401	$107,808
Bell Tower	1998	2048	$18,608	$372
Brown Hall	2025	2075	$2,965,651	$59,313
Campus Recreation Center/Fitness Center	2007	2057	$2,850,957	$57,019
Carmona College of Business	2020	2070	$2,055,107	$41,102
Concession Building	2006	2056	$313,764	$6,275
Doan Center	1993	2043	$3,026,234	$60,525
Founders Hall	1995	2045	$368,327	$7,367
Gilbertson Hall (REC)	2003	2053	$8,568,715	$171,374
Great Lakes A - E	1976	2026	$3,044,135	$60,883
Grounds Building	2002	2052	$174,453	$3,489
Hamilton Gym	1971	2021	$2,077,882	$41,558
Bachand Hall	2010	2060	$6,645,558	$132,911
Living Center North (Brandimore House)	1999	2049	$5,651,633	$113,033
Living Center South	2004	2054	$5,651,633	$113,033
Living Center Southwest	2009	2059	$3,854,972	$77,099
Observatory	1973	2023	$4,361	$87
Pine Grove Central	1989	2039	$1,362,404	$27,248
Pine Grove East	1997	2047	$672,077	$13,442
Pine Grove West	2008	2058	$2,493,509	$49,870
Pioneer Hall	2007	2057	$4,071,824	$81,436
Ryder Center	1989	2039	$13,943,258	$278,865
Ryder Center - Fieldhouse	2014	2064	$3,885,948	$77,719
Science Building - East	2001	2051	$8,722,617	$174,452
Science Building - West	1993	2043	$4,119,014	$82,380
Softball Pressbox	2007	2057	$5,927	$119
SCC-A	1992	2042	$1,163,558	$23,271
SCC-B	1987	2037	$730,849	$14,617
SCC-C	1980	2030	$783,776	$15,676
Student Center	2003	2053	$2,585,826	$51,717
Studio	2000	2050	$683,271	$13,665
Tranquil Hall F & G	2023	2073	$1,216,204	$24,324
University HealthCare	2009	2059	$846,213	$16,924
University Village I	2000	2050	$2,461,600	$49,232
University Village II	2001	2051	$3,282,133	$65,643
University Village III	2005	2055	$2,188,089	$43,762
University Village IV	2007	2057	$1,914,579	$38,292
University Village 422 & 430	2026	2076	$1,285,750	$25,715
West Complex	2000	2050	$14,275,758	$285,515
Wickes Hall	2000	2050	$5,384,859	$107,697
Wickes Memorial Stadium	1991	2041	$184,920	$3,698
Zahnow Amphitheatre	--	--	--	--
Zahnow Library	2017	2067	$5,293,336	$105,867
Totals:	**Lifespan: 50 years**		**$136,219,692**	**$2,724,394**

Lighting

Building	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	2020	2050	$2,853,973	$95,132
Bell Tower	1998	2028	$6,202	$207
Brown Hall	2025	2055	$1,779,393	$59,313
Campus Recreation Center/Fitness Center	2009	2039	$1,736,885	$57,896
Carmona College of Business	2020	2050	$931,719	$31,057
Concession Building	2022	2052	$118,024	$3,934
Doan Center	2013	2043	$1,815,741	$60,525
Founders Hall	1995	2025	$184,164	$6,139
Gilbertson Hall (REC)	2003	2033	$5,141,228	$171,374
Great Lakes D & E	2024	2055		
Great Lakes A - C	2025	2055	$1,826,482	$60,883
Grounds Building	2025	2055	$133,262	$4,442
Hamilton Gym	2011	2041	$1,246,729	$41,558
Bachand Hall	2010	2040	$4,089,574	$136,319
Living Center North (Brandimore House)	2019	2049	$3,390,976	$113,033
Living Center South	2019	2049	$3,390,976	$113,033
Living Center Southwest	2009	2039	$2,350,592	$78,353
Observatory	1973	2003	$5,814	$194
Pine Grove Central	2023	2053	$817,442	$27,248
Pine Grove East	1997	2027	$403,249	$13,442
Pine Grove West	2008	2038	$3,068,933	$102,298
Pioneer Hall	2007	2037	$2,371,936	$79,065
Ryder Center	1990	2020	$6,062,286	$202,076
Ryder Center - Fieldhouse	2024	2054	$348,117	$11,604
Science Building - East	2001	2031	$5,233,571	$174,452
Science Building - West	1997	2027	$2,326,031	$77,534
Softball Pressbox	2007	2037	$5,730	$191
SCC-A	2020	2050	$756,316	$25,211
SCC-B	2020	2050	$438,510	$14,617
SCC-C	2021	2051	$470,265	$15,675
Student Center	2003	2033	$1,551,495	$51,716
Studio	2021	2051	$307,472	$10,249
Tranquil Hall F & G	2000	2030	$729,723	$24,324
University HealthCare	2009	2039	$376,095	$12,536
University Village I	2022	2052	$3,657,614	$121,920
University Village II	2024	2054	$4,876,819	$162,561
University Village III	2005	2035	$3,251,213	$108,374
University Village IV	2007	2037	$2,844,811	$94,827
University Village 422 & 430	2026	2056	$174,500	$5,817
West Complex	2016	2046	$8,173,953	$272,465
Wickes Hall	2011	2041	$3,230,915	$107,697
Wickes Memorial Stadium	1991	2021	$157,181	$5,239
Zahnow Library	2017	2047	$3,936,539	$131,218
Totals:	**Lifespan: 30 years**		**$86,572,448**	**$2,885,748**

HVAC Equipment / HVAC Terminal Units

Building	Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Arbury Fine Arts Center	1987	2027	$4,663,693	$116,592
Brown Hall	2025	2065	$3,707,068	$92,677
Campus Recreation Center/Fitness Center	2010	2050	$3,399,259	$84,981
Carmona College of Business	2020	2060	$1,331,028	$33,276
Doan Center	2022	2062	$3,782,793	$94,570
Founders Hall	1995	2035	$460,409	$11,510
Gilbertson Hall (REC)	2003	2043	$10,710,893	$267,772
Great Lakes D & E	2024	2054		
Great Lakes A - C	2025	2060	$3,805,168	$108,719
Hamilton Gym	See Ryder Center	--	--	--
Hamilton Gym AHUS	2025	2055	$1,135,000.00	$31,833.00
Bachand Hall	2010	2050	$7,667,953	$191,699
Living Center North (Brandimore House)	1999	2029	$7,064,543	$235,485
Living Center South	2004	2034	$7,064,543	$235,485
Living Center Southwest	2009	2039	$5,885,883	$196,196
Museum Chillers	2026	2056	$283,511	$9,450
Pioneer Hall	2007	2037	$5,089,883	$169,663
Ryder Center	1989	2029	$10,305,883	$257,647
Ryder Center - Fieldhouse	2014	2054	$971,487	$24,287
Science Building - East	2001	2041	$14,537,696	$363,442
Science Building - West	1995	2035	$4,603,603	$115,090
Student Center	2003	2043	$1,863,316	$46,583
Studio	2001	2041	$169,606	$4,240
Tranquil Hall F & G	2004	2034	$608,103	$20,270
University Village I (420 & 432)	2000	2030	$508,092	$16,936
West Complex	1996	2036	$16,839,450	$420,986
Wickes Hall	2000	2040	$6,731,069	$168,277
Zahnow Library	1997	2037	$7,922,601	$198,065

Furnaces & Condensing Units

Building	Install Date	Average Replacement Date	Number	Cost per Unit	Total Replacement Cost	Annual Cost
Concessions	2006	2023	2	$8,480	$16,959	$998
Grounds Building	2019	2036	2	$8,480	$16,959	$998
Pine Grove Central	2023	2040	82	$8,480	$695,331	$40,902
Pine Grove East	2025	2042	32	$8,480	$271,349	$15,962
Pine Grove West	2008	2025	114	$8,480	$966,679	$56,863
SCC-A	2014	2031	39	$8,480	$330,706	$19,453
SCC-B	2013	2030	15	$8,480	$127,195	$7,482
SCC-C	2014	2031	20	$8,480	$169,593	$9,976
University HealthCare	2009	2026	7	$8,480	$59,357	$3,492
University Village I	2022	2039	86	$8,480	$729,249	$42,897
University Village II	2024	2041	144	$8,480	$1,221,068	$71,828
University Village III	2005	2022	100	$8,480	$847,964	$49,880
University Village IV	2007	2024	84	$8,480	$712,290	$41,899
University Village 422 & 433	2026	2043	12	$51,668	$620,000	$36,471
Totals:	**Lifespan: 17 years**		**739**		**$6,784,699**	**$399,100**

Water Heaters

Building	Install Date	Average Replacement Date	Number	Cost per Unit	Total Replacement Cost	Annual Cost
Concessions	2006	2019	3	$1,212	$3,636	$280
Great Lakes D & E (Under Kitchen Sinks)	2024	2037				
Great Lakes A - C (Under Sink)	2025	2038	3			
Grounds Building	2002	2015	1	$1,212	$1,212	$93
Pine Grove Central	2023	2036	42	$1,212	$50,904	$3,916
Pine Grove East	2025	2038	16	$1,212	$19,392	$1,492
Pine Grove West	2008	2021	56	$1,212	$67,873	$5,221
SCC-A	1989	2002	2	$1,212	$2,424	$186
SCC-B	1994	2007	1	$1,212	$1,212	$93
SCC-C	1992	2005	1	$1,212	$1,212	$93
University HealthCare	2009	2022	1	$1,212	$1,212	$93
University Village I	2022	2035	46	$1,212	$55,753	$4,289
University Village II	2001	2014	73	$1,212	$88,477	$6,806
University Village III	2005	2018	50	$1,212	$60,601	$4,662
University Village IV	2007	2020	42	$1,212	$50,904	$3,916
University Village 422 &	2026	2039	12	$15,000.00	$180,000.00	$13,846.00
Totals:	**Lifespan: 13 years**		**349**		**$584,812**	**$44,985**

Appliances

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

Building	Install Date	Average Replacement Date	Number	Cost per Unit	Total Replacement Cost	Annual Cost
Concessions	2011	2026	6	$1,091	$6,543.97	$436
Great Lakes D & E	2023	2038				
Great Lakes A - C	2025	2040	135	$1,091	$147,239.41	$9,816
Living Center North (Brandimore)	2004	2019	605	$1,091	$659,850.71	$43,990
Living Center South	2009	2024	605	$1,091	$659,850.71	$43,990
Living Center Southwest	2014	2029	460	$1,091	$501,704.67	$33,447
Pine Grove Central	2024	2039	200	$1,091	$218,132.47	$14,542
Pine Grove East	2001	2016	96	$1,091	$104,703.58	$6,980
Pine Grove West	2013	2028	324	$1,091	$353,374.59	$23,558
Tranquil Hall F & G	2023	2038	54	$1,091	$58,895.77	$3,926
University HealthCare	2014	2029	7	$1,091	$7,634.64	$509
University Village I	2023	2038	492	$1,091	$536,605.87	$35,774
University Village II	2024	2039	432	$1,091	$471,166.13	$31,411
University Village III	2010	2025	300	$1,091	$327,198.70	$21,813
University Village IV	2012	2027	252	$1,091	$274,846.91	$18,323
University Village 422 & 430	2026	2041	12	$1,815	$21,780.00	$1,452
Totals:	**Lifespan: 15 years**				**$4,342,984**	**$289,532**

Replacement Dates:	**Cost:**
2027 and before	**$2,032,994.58**
2028	**$353,374.59**
2029	**$509,339.31**
2030	**$0.00**
2031	**$0.00**

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	$444,426	$1,333,279	$53,331
Arbury Fine Arts Center	2002	2017	1	$177,771	$177,771	$11,851
Arbury Fine Arts Center	2004	2019	1	$213,324	$213,324	$14,222
Arbury Fine Arts Center	2010	2025	1	$213,324	$213,324	$14,222
Doan Center (DHW, HWH from WC)	2014	2039	2	$213,324	$426,649	$17,066
Founders Hall (HWH)	2005	2020	2	$36,997	$73,993	$4,933
Great Lakes D & E	2024	2039		$0		
Great Lakes A - C (HWH)	2025	2040	10	$142,217	$1,422,167	$94,811
Great Lakes D & E	2024	2039				
Great Lakes A - C (DWH)	2025	2040	5	$177,771	$888,853	$59,257
Bachand Hall	2009	2024	2	$213,324	$426,649	$28,443
Bachand Hall	2009	2024	1	$142,217	$142,217	$9,481
Living Center North (Brandimore) (HWH)	1999	2014	3	$266,656	$799,968	$53,331
Living Center North (Brandimore) (DWH)	1999	2014	2	$142,217	$284,433	$18,962
Living Center South (DWH)	2003	2018	2	$142,217	$284,433	$18,962
Living Center South (HWH)	2003	2018	3	$266,656	$799,968	$53,331
Living Center Southwest (HWH)	2008	2023	4	$213,324	$853,298	$56,887
Ryder Center - Fieldhouse	2014	2039	2	$22,669	$45,337	$1,813
Ryder Center - Pool	2011	2026	2	$142,217	$284,433	$18,962
Ryder Center (DWH)	2007	2022	1	$159,993	$159,993	$10,666
Ryder Center (HWH)	2014	2039	5	$259,063	$1,295,313	$51,813
Science Building - East (DWH)	1999	2014	1	$142,217	$142,217	$9,481
Science Building - East (HWH)	2000	2015	3	$355,541	$1,066,623	$71,108
Science Building - West (DWH)	2003	2018	1	$142,217	$142,217	$9,481
Science Building - West (HWH)	2012	2027	6	$177,771	$1,066,623	$71,108
Student Center	2003	2018	2	$177,771	$355,541	$23,703
Tranquil Hall F & G (DWH)	2023	2038	2	$177,771	$355,541	$23,703
Tranquil Hall F & G (HWH)	2023	2038	4	$142,217	$568,867	$37,924
University Village I (DWH)	2000	2015	4	$106,663	$426,652	$28,443
University Village I (HWH)	2000	2015	4	$106,663	$426,652	$28,443
West Complex (DWH)	2014	2039	2	$177,771	$355,541	$14,222
West Complex (HWH)	2010	2035	7	$142,217	$995,517	$39,821
Wickes Hall	1999	2024	2	$533,312	$1,066,623	$42,665
Zahnow Library - Food Court (DWH)	2005	2020	2	$142,217	$284,433	$18,962
Zahnow Library - Food Court (HWH)	2005	2020	2	$213,324	$426,649	$28,443
Totals:	**Lifespan: 15 or 25 years**		**94**		**$17,805,100**	**$1,039,853**

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	$546,986	$32,176
Doan Center / 320	1994	2011	1	$266,656	$15,686
West Complex / 1000	2013	2030	1	$817,744	$48,103
Pioneer Hall / 640	1998	2015	1	$497,758	$29,280
Gilbertson Hall (REC) / 450	2002	2019	1	$373,317	$21,960
Gilbertson Hall (REC) / 450	2002	2019	1	$373,317	$21,960
Ryder / 500	2004	2021	1	$408,873	$24,051
Arbury / 60	2002	2019	1	$53,331	$3,137
Totals:	**Lifespan: 17 years**		**8**	**$3,337,982**	**$196,352**

Replacement Dates:	**Cost:**
2027 and before	**$2,520,238.33**
2028	**$0.00**
2029	**$0.00**
2030	**$0.00**
2031	**$0.00**

Cooling Towers					
Science West	1984	2014	1	$355,541	$11,851
Doan Center	1994	2024	1	$355,541	$11,851
West Complex	2013	2028	1	$355,541	$23,703
Pioneer Hall	1998	2028	1	$355,541	$11,851
Gilbertson Hall (REC)	2003	2033	1	$355,541	$11,851
Gilbertson Hall (REC)	2003	2033	1	$355,541	$11,851
Ryder	2004	2034	1	$355,541	$11,851
Totals:	**Lifespan: 15 or 30 years**		**7**	**$2,488,788**	**$94,811**

Replacement Dates:	**Cost:**
2027 and before	**$711,082.24**
2028	**$711,082.24**
2029	**$0.00**
2030	**$0.00**
2031	**$0.00**

Heat Pumps					
Gilbertson Hall (REC)-10 units@70 tons each	2010	2025	10	$1,066,623	$71,108
West Complex - 2 units @ 40 tons each	2013	2028	2	$20,913	$1,394
Totals:	**Lifespan: 15 years**		**12**	**$1,087,537**	**$72,502**

Replacement Dates:	**Cost:**
2027 and before	**$1,066,623.36**
2028	**$20,913.49**
2029	**$0.00**
2030	**$0.00**
2031	**$0.00**

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	$169.61	$6,882,677	$86,033
Storm Sewer	1990	2070	86,635	$181.73	$15,743,982	$196,800
Water	1992	2072	48,720	$72.69	$3,541,510	$44,269
Totals:	**Lifespan: 80 years**				**$26,168,168**	**$327,102**

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	$303,006	$10,100
West Complex to Doan Center	1991	2021	$44,594	$1,486
Main Loop Switches 1 & 2, 66/68 Building	2001	2031	$231,419	$7,714
Ryder Center to Loop Switch 4	2002	2032	$156,080	$5,203
Manhole #6 to Manhole #6A to Living Center South	2003	2033	$104,138	$3,471
University Villages	2003	2033	$1,509,552	$50,318
Pine Grove	2008	2038	$274,797	$9,160
Bachand Hall	2010	2040	$104,625	$3,488
Totals:	**Lifespan: 30 years**		**$2,728,211**	**$90,940**

8320 Volt Distribution System

Description	Average Install Date	Average Replacement Date	Total Replacement Cost	Annual Cost
Duct Banks	1966	2046	$23,987,197	299,840
Cable	1995	2025	$5,927,019	197,567
Health & Human Services Cable	2010	2040	$219,522	7,317
Totals:	**Lifespan: 30 or 80 years**		**$30,133,738**	**504,725**

Food Services Equipment

Location / Description	Install Date	Lifespan	Average Replacement Date	Quantity	Cost per Unit	Total Replacement Cost	Annual Cost
Doan Marketplace- D151							
Desert Section Island (Main Dining)							
Refrigerator (2 Door)	2005	20	2025	1	$7,334	$7,334	$367
Cooler (2 Door)	2005	20	2025	1	$4,702	$4,702	$235
Reach In Freezer (1 Door)	1995	20	2015	1	$6,205	$6,205	$310
Reach In Freezer	1995	20	2015	1	$9,403	$9,403	$470
Ice Cream Cooler	2005	15	2020	1	$11,283	$11,283	$752
Main Lobby Dining							
Ice Cream Machine	2015	15	2030	1	$23,241	$23,241	$1,549
Cooler (2 Door)	2005	20	2025	1	$4,702	$4,702	$235
Food Warmer	2005	15	2020	6	$3,197	$19,179	$1,279
Island Cooler for Ice Prep.	2005	15	2020	1	$26,327	$26,327	$1,755
Prep Table/3 door cooler	1996	20	2016	1	$16,924	$16,924	$846
Grill	1996	20	2016	1	$15,044	$15,044	$752
Holding Oven	1996	20	2016	1	$14,103	$14,103	$705
Food Warmer and Cooler	1996	15	2011	1	$11,283	$11,283	$752
Main Lobby Dining (Right Side Salad Bar Side)							
Salad Prep Table	1996	15	2011	1	$1,881	$1,881	$125
Soup Heater	2005	4	2009	2	$940	$1,879	$470
Soup Heater	2009	4	2013	2	$903	$1,805	$451
Salad Prep Table	2006	15	2021	2	$4,702	$9,403	$627
Salad/Deli Prep Table	1996	15	2011	1	$4,702	$4,702	$313
Salad Prep Table	2005	15	2020	1	$4,702	$4,702	$313
1st Floor Kitchen Main Dining							
Steamer	2016	7	2023	2	$25,158	$50,315	$7,188
Tilt Top Skillet	1996	15	2011	1	$28,208	$28,208	$1,881
Flat Top Range	1996	20	2016	1	$18,805	$18,805	$940
Cooler (2 Door)	1996	20	2016	1	$9,403	$9,403	$470
Cookie Oven	1996	20	2016	1	$37,609	$37,609	$1,880
Holding Oven	1996	20	2016	1	$28,208	$28,208	$1,410
Oven	1996	20	2016	1	$18,805	$18,805	$940
Grill	1999	15	2014	1	$11,283	$11,283	$752
Fryer	1996	15	2011	1	$5,265	$5,265	$351
Ice Machine	2006	15	2021	1	$9,403	$9,403	$627
Food Warmer and Cooler	2006	20	2026	1	$9,403	$9,403	$470
Convection Oven	1996	20	2016	8	$15,044	$120,355	$6,018
Convection Oven	2006	20	2026	4	$15,044	$60,177	$3,009
Convection Oven	2017	20	2037	4	$14,917	$59,669	$2,983
Hot Boxes (2 Door)	2006	15	2021	1	$9,403	$9,403	$627
Hot Boxes (2 Door)	2006	15	2021	1	$9,403	$9,403	$627
Hot Boxes (2 Door)	2006	15	2021	1	$9,403	$9,403	$627
Holding Oven	2006	15	2021	1	$2,633	$2,633	$176
Walk in Freezer (#6 Baked Goods)	2006	15	2021	1	$37,609	$37,609	$2,507
Walk in Cooler (#5)	2006	20	2026	1	$37,609	$37,609	$1,880

Food Services Equipment

Location	Description	Install Date	Lifespan	Average Replacement Date	Quantity	Cost per Unit	Total Replacement Cost	Annual Cost
	Walk in Freezer (#4 Meat)	2006	20	2026	1	$37,609	$37,609	$1,880
	Walk in Cooler (#3 Grill Comfort)	2006	20	2026	1	$37,609	$37,609	$1,880
	Walk in Cooler (#2 Produce)	2006	20	2026	1	$37,609	$37,609	$1,880
	Walk in Cooler (#1 Catering)	2006	20	2026	1	$37,609	$37,609	$1,880
	Warming Unit	2007	15	2022	2	$3,197	$6,393	$426
	Doan Marketplace Totals:						**$923,900**	**$55,621**
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	$3,760	$3,760	$188
	Cooler	2005	20	2025	1	$6,393	$6,393	$320
	Cooler (2 Door)	1996	20	2016	1	$9,403	$9,403	$470
	Ice Machine	2005	15	2020	1	$9,403	$9,403	$627
	Beverages (C246)							
	Ice Machine	1996	15	2011	2	$9,403	$18,806	$1,254
	Cooler (4 Door)	1996	20	2016	1	$9,779	$9,779	$489
	Cooler (3 Door)	1996	20	2016	1	$8,462	$8,462	$423
	Refrigerator	2003	20	2023	1	$7,522	$7,522	$376
	President's Kitchen (C226)							
	Freezer (2 Door)	1996	20	2016	1	$28,208	$28,208	$1,410
	Cooler (2 Door)	1996	20	2016	1	$28,208	$28,208	$1,410
	Ice Machine	1996	15	2011	1	$9,403	$9,403	$627
	Cooler (2 Door)	1996	20	2016	1	$28,208	$28,208	$1,410
	Warming Prep Table (4 Pans)	1996	15	2011	1	$18,805	$18,805	$1,254
	Oven (4 Drawer)	1996	15	2011	1	$15,044	$15,044	$1,003
	Refrigerator	1996	20	2016	1	$7,522	$7,522	$376
	Warming Station (1 Door)	1996	15	2011	1	$2,633	$2,633	$176
	Cooler (2 Door)	1996	20	2016	1	$9,591	$9,591	$480
	Cooler (2 Door)	1996	20	2016	1	$22,565	$22,565	$1,128
	Oven	2005	15	2020	1	$14,090	$14,090	$939
	Campus Dining Office (C122)							
	Refrigerator (1 Door)	2008	10	2018	2	$1,881	$3,762	$376
	Finishing Kitchen (C248 & C249)							
	Warming Unit	1996	15	2011	6	$3,197	$19,179	$1,279
	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 Date	Quantity	Cost per Unit	Total Replacement Cost	Annual Cost
	Ice Machine	1996	15	2011	1	$9,403	$9,403	$627
	Ice Machine				1			
	Warming Unit (4 Tray Holders)	1996	15	2011	3	$3,760	$11,281	$752
	Cooler	2005	20	2025	1	$7,522	$7,522	$376
	Curtiss Hall Totals:						**$308,952**	**17,770**
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	$7,146	$7,146	$357
	Walk In Cooler (7 Doors)	2003	20	2023	1	$37,609	$37,609	$1,880
	Walk In Freezer (5 Doors)	2003	20	2023	1	$37,609	$37,609.35	$1,880
	Freezer (3 Door)	2004	20	2024	1	$15,044	$15,044	$752
	Freal Milkshake Machine	2012			1			
	Hoshizaki Ice Maker	2012			1			
	Student Center Totals:						**$97,409**	**4,870**
Gilbertson Hall (REC)								
Einstein Bros. Bagels								
	Ice Machine	2003	10	2013	1	$9,403	$9,403	$940
	Freezer	2003	20	2023	1	$9,403	$9,403	$470
	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	$9,403	$9,403	$627
Refrigerator (3 Door)	2003	15	2018	1	$7,522	$7,522	$501
Freezer (1 Door)	2003	20	2023	1	$9,403	$9,403	$470
Warming Unit	2003	20	2023	3	$3,197	$9,590	$479
Warming Unit (Hot Food)	2003	15	2018	5	$3,197	$15,983	$1,066
Warming Unit	2007	15	2022	1	$3,197	$3,197	$213
Regional Eduction Center Totals:						**$73,903**	**$4,767**
Science East							
Starbucks (2017)							
Equipment (brewers, ginder, warmer, ovens, et	2017	10	2027	1	$250,199	$250,199	$25,020
Science East Totals:						**$250,199**	**$25,020**
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	$18,805	$18,805	$1,254
Drop In Freezer Counter Top		8		1			
Salad Prep Table with 2 Door cooler	2004	15	2019	1	$18,805	$18,805	$1,254
Cooler with Prep Sink		15	15	1	$15,044	$15,044	$1,003
Reach In Cooler (2 Door)		20	20	1	$9,403	$9,403	$470
Fryer	1996	15	2011	1	$5,641	$5,641	$376
Stove	2005	20	2025	1	$18,805	$18,805	$940
Fryer	2005	15	2020	1	$5,641	$5,641	$376
Stove Char Grill	2005	15	2020	1	$15,044	$15,044	$1,003
Grill Flat Top	2005	15	2020	1	$20,686	$20,686	$1,379
Ice Cream Cooler (Countertop Storage)	2003	15	2018	1	$4,702	$4,702	$313
Reach In Freezer	1996	20	2016	1	$7,522	$7,522	$376
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	$24,635	$24,635	$2,464
Equipment (fridge, induction lines, etc.)	2017	10	2027	1	$38,203	$38,203	$3,820
Equipment (rice cooker, warmers, wok)	2017	10	2027	1	$33,177	$33,177	$3,318
Equipment (flat top grill)	2017	10	2027	1	$909	$909	$91
Equipment (sneeze guards	2017	10	2027	1	$1,302	$1,302	$130
Zahnow Library Food Court Totals:						**$238,324**	**$18,567**
Wickes Stadium							
Ice Machine	2008	15	2023	1	$9,403	$9,403	$627
Cooler (2 Door)	2007	20	2027	1	$6,581	$6,581	$329
Warming Unit	2007	15	2022	1	$3,197	$3,197	$213
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	$3,197	$3,197	$213
	Cooler	2003	20	2023	1	$7,522	$7,522	$376
	Popcorn Machine							
	2 Door Freezer							
	Cooler (2 Door)							
Football South Side								
	Cooler Reach In	1995	20	2015	1	$2,821	$2,821	$141
	Popcorn Machine	1995	10	2005	1	$2,821	$2,821	$282
Football North Side								
	Warming Unit (2 Drawer)	2007	15	2022	1	$2,727	$2,727	$182
	Popcorn Machine	1995	10	2005	1	$2,821	$2,821	$282
	Wickes Stadium Totals:						**$41,089**	**$2,645**
	Food Service Equipment Consolidated Totals:	**Lifespan:**		**varies**			**$1,933,776**	**$129,260**

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	$28,208	$28,208	
	Dimmer Racks	2024		6	$206,851	$1,241,109	
	Follow Spotlights	2024		2	$11,283	$22,565	
	LineArray Front of House Speakers			12	$112,828	$1,353,937	
	Cyc			1	$9,403	$9,403	
	Black Sharkstooth Scrim			1	$5,641	$5,641	
	Mechanical Hoist Apron Electric (only fly pipe for lighting)	2024		1	$28,208	$28,208	
	Front of House Projector			1	$75,219	$75,219	
	Wireless Headsets			4	$1,881	$7,524	
	Reroping Fly system			1	$18,805	$18,805	
	Arial Lift			1	$18,805	$18,805	
	Permenant Refinishing of Floor			1	$22,565	$22,565	
	Video Rack Upgrade			1	$15,044	$15,044	
	L & E MR-16 CYC Strips	2024		8	$2,257	$18,054	
	Pipe- Screen Lineset			1	$1,881	$1,881	
Rhea Miller Recital Hall (Curtis Hall)							
	Line Array F of H sepakers			included in MFT		-	
	Audio Borad			1	$15,044	$15,044	
	Motorized Front Stage Light Bar			1	$28,208	$28,208	
	Source 4 Ellipsoidals	2024		12	$752	$9,021	
Black Box Theatre/Studio (Curtis Hall)							
	Lighting Board	2024		1	$26,327	$26,327	
	Audio Board			1	$15,044	$15,044	
	Camera w/ link to MFT			1	$9,403	$9,403	
	Source 4 PARNel	2024		30	$460	$13,807	
	Source 4 Ellipsoidals	2024		30	$645	$19,357	
Founders Hall							
	Lighting Dimmer Rack	2013		1	$35,798	$35,798	
	Lighting Board			1	$14,319	$14,319	
	Totals:					**$3,053,295**	**$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	$18,300	$18,300	$4,574.95
UPS	2007	15	2027	1	$73,199	$73,199	$4,879.95
A/C Capacitors	2007	8	2017	1	$6,405	$6,405	$800.63
Document Imaging							
Scanners			As Needed				$6,276.72
Network Components							
Wireless (ResNet)	2015	4	2019			$1,126,869	$281,717
Closet Electronics	2015-2017	5	2020-2022			$1,527,026	$305,405
Coset UPS	As Needed	3	As Needed			$99,163	$33,054
VM Servers (includes Colleague Server)		5	+2 per year			$123,954	$24,791
Major Network Components		5	2015-2016			$867,447	$173,489
SAN		5	FY18			$348,620	$69,724
NAC		5	2015			$229,314	$45,863
VPN		5	2017			$15,494	$3,099
Backup Solution	2015	5	2020			$368,762	$73,752
Disaster Recovery (equipment)		5	2018			$201,425	$40,285
Campuswide							
Classrooms & Offices							
Distance Ed Codecs	2014	5	2019			$258,629	$51,726
Lab computers		5	Recycled after 5			$2,345,590	$469,118
Faculty computers		4	Recycled after 4			$591,947	$147,987
Classroom Technology		8	Ongoing			$2,986,882	$373,360
ME458 Servers		3	2017			$42,687	$14,229
Wireless (Classroom)	2015-2017	5	2018-2020			$3,213,411	$642,682
Gilbertson Hall (REC)							
Ott Auditorium Technology - FY13		9				$435,078	$82,264
Ott Auditorium Technology - FY14							$104,740
Ott Auditorium Technology - FY15							$101,964
Ott Auditorium Technology - Ongoing							$48,342
Totals:				**3**		**$14,880,201**	**$3,104,123**

Parking Lots

Parking Lot	Install Date	Average Replacement Date	Square Feet	Cost per Square Foot	Total Replacement Cost	Annual Cost
A	2024	2044	99,000	$3.60	$356,012	$17,801
C	2012	2032	94,125	$3.60	$338,481	$16,924
C1	2013	2033	82,700	$3.60	$297,396	$14,870
D	2018	2038	112,000	$3.60	$402,761	$20,138
E	2011	2031	193,000	$3.60	$694,043	$34,702
F	2009	2029	221,250	$3.60	$795,632	$39,782
H	2010	2030	107,250	$3.60	$385,679	$19,284
J	2013	2033	138,000	$3.60	$496,259	$24,813
J1	2019	2039	133,650	$3.60	$480,616	$24,031
J2	2010	2030	141,100	$3.60	$507,407	$25,370
J3	2017	2037	133,650	$3.60	$480,616	$24,031
J4	2006	2026	50,400	$3.60	$181,242	$9,062
K	2017	2037	84,150	$3.60	$302,610	$15,130
L	2006	2026	102,600	$3.60	$368,958	$18,448
R	2000	2020	88,900	$3.60	$319,691	$15,985
Bookstore	2003	2023	16,000	$3.60	$57,537	$2,877
Concessions	2006	2026	16,864	$3.60	$60,644	$3,032
Continuing Education	1997	2017	3,600	$3.60	$12,946	$647
Curtiss Hall Circle	2020	2040	16,079	$3.60	$57,821	$2,891
Fine Arts Circle (West of Bldg.)	2023	2043	19,600	$3.60	$70,483	$3,524
Fine Arts Drive (North of Bldg.)	2019	2039	29,700	$3.60	$106,804	$5,340
Founders Hall	1994	2014	7,043	$3.60	$25,327	$1,266
Fox Lot	2018	2038	4,800	$3.59	$17,241	$862
Gilbertson Hall	2003	2023	300,000	$3.60	$1,078,823	$53,941
Grounds	2024	2044	30,000	$3.60	$107,882	$5,394
Pine Grove Central	2014	2034	28,800	$3.60	$103,567	$5,178
Pine Grove East	1996	2016	14,400	$3.60	$51,784	$2,589
Pine Grove West	2008	2028	53,000	$3.60	$190,592	$9,530
Pine West Grove Addition	2025	2045	46,800			
Pine Grove Northwest	2026	2046	38,800	$14.17	$550,000	$27,500
Pioneer Hall - Service	2007	2027	11,400	$3.60	$40,995	$2,050
Ryder Service	2007	2027	5,400	$3.60	$19,419	$971
SCC-A	2011	2031	13,000	$3.60	$46,749	$2,337
SCC-A South	2011	2031	10,800	$3.60	$38,838	$1,942
SCC-C North	2013	2033	15,000	$3.60	$53,941	$2,697
Univ. Village - Visitor Parking	2018	2038	13,500	$3.60	$48,547	$2,427
Univ. Village I - East (addtn.)	2004	2024	6,000	$3.60	$21,576	$1,079
Univ. Village I - East (original)	2023	2043	14,850	$3.60	$53,402	$2,670
Univ. Village I - Southeast	2004	2024	32,000	$3.60	$115,074	$5,754
Univ. Village II - South (addtn.)	2004	2024	33,000	$3.60	$118,671	$5,934
Univ. Village II - South (original)	2001	2021	34,200	$3.60	$122,986	$6,149
Univ. Village II - South Addition	2025	2045	17,136			
Univ. Village IIII - South Addition	2025	2045	18,600			
Univ. Village III	2005	2025	125,607	$3.60	$451,693	$22,585
University HealthCare	2009	2029	20,000	$3.60	$71,922	$3,596
University Village - West	2022	2042	64,800	$3.60	$233,026	$11,651
University Village IV	2007	2027	37,000	$3.60	$133,055	$6,653

West Complex / Doan (concrete)	1994	2014	13,500	$3.60	$48,547	$2,427
Wickes Circle	2021	2041	29,025	$3.60	$104,376	$5,219
Wickes Stadium VIP/Handicap	2016	2036	44,000	$3.60	$158,227	$7,911
Totals:	**Lifespan: 20 years**		**2,966,079**		**$10,779,898**	**$538,995**

Replacement Dates:	**Cost:**
2027 and before	**$3,228,969**
2028	**$190,592**
2029	**$867,554**
2030	**$893,086**
2031	**$779,630**

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	$3.55	$88,792	$4,440
College Dr.-East of Collings West	2012	2032	115,000	$3.55	$408,443	$20,422
Fox Drive	2012	2032	7,000	$3.55	$24,862	$1,243
University Drive	2000	2020	42,000	$3.55	$149,171	$7,459
South Campus Entrance Drive	2009	2029	28,000	$3.55	$99,447	$4,972
Collings - East & North of Fox	2012	2032	70,000	$3.55	$248,618	$12,431
Collings - West & North of Fox	2012	2032	70,000	$3.55	$248,618	$12,431
Davis Road	2008	2028	64,000	$3.55	$227,308	$11,365
Davis Road Walkway (Asphalt)	2016	2036	8,000	$3.55	$28,413	$1,421
Drive to Football Field & Track	2006	2026	20,000	$3.55	$71,034	$3,552
Non-Motorized Pathway	2011	2031	132,000	$3.55	$468,822	$23,441
Pine Grove Lane	2010	2030	40,000	$3.55	$142,067	$7,103
Pine Grove West Lane	2008	2028	26,000	$3.55	$92,344	$4,617
Totals:	**Lifespan: 20 years**		**647,000**		**2,297,938**	**114,897**

Sidewalks

Area	Install Date	Average Replacement Date	Square Feet	Cost per Square Foot	Total Replacement Cost	Annual Cost
Sidewalks - A	1999	2029	42,000	$12.12	$509,045	$16,968
Sidewalks - B	2006	2036	166,506	$12.12	$2,018,072	$67,269
Sidewalks - C	2010	2040	44,830	$12.12	$543,345	$18,111
Sidewalks - D	2007	2037	149,040	$12.12	$1,806,382	$60,213
Sidewalks - E	2005	2035	137,301	$12.12	$1,664,104	$55,470
Sidewalks - F	2008	2038	60,000	$12.12	$727,207	$24,240
Sidewalks - 2013	2013	2043	12,000	$12.12	$145,441	$4,848
Sidewalks - Davis Road	2016	2046	6,000	$12.12	$72,721	$2,424
Sidewalks - Pine Grove Central	2018	2048	10,500	$12.12	$127,252	$4,242
Sidewalks - Pine Grove West	2008	2038	40,800	$12.12	$494,496	$16,483
Sidewalks - Ryder Fieldhouse	2014	2044	13,000	$12.12	$157,561	$5,252
Sidewalks - University HealthCare	2009	2039	1,000	$12.12	$12,120	$404
Sidewalks - Health Science	2010	2040	17,000	$12.12	$206,042	$6,868
Sidewalks - C-Lot	2010	2040	7,600	$12.12	$92,113	$3,070
Wickes Stadium - Concrete	2011	2041	19,971	$12.12	$242,051	$8,068
Totals:	**Lifespan: 30 years**		**727,548**		**$8,817,952**	**$293,932**

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	$10.68	$2,181,804	$109,090
International Sculpture Gardens	2007	2037	4,000	$152.61	$610,458	$20,349
Museum Gardens	2013	2043	15,000	$29.05	$435,747	$14,525
Main Entrance	2025	2055	9,060			
Curtiss Island	2025	2055	3,190			
Athletic Fields						
Soccer	2022	2032	103,575	$10.23	$1,059,826	$105,983
Tennis Courts Construction	2010	2030	6 Courts	$156,617	$939,704	$46,985
Tennis Courts Resurfacing	2022	2030	6 Courts	$16,894	$101,365	$12,671
Wickes Football Field Turf	2022	2032	86,721	$12.26	$1,063,207	$106,321
Softball / Baseball Fields	1990	2020	430,000	$1.69	$725,431	$24,181
Intramural Fields East	2016	2046	492,000	$0.47	$232,990	$7,766
Intramural Fields West	2008	2038	246,000	$0.47	$116,495	$3,883
Housing Recreational Fields	2005	2025	3 b-ball/3 v-ball	$36,344	$218,064	$10,903
Ryder Center - Fieldhouse Turf	2025	2035	46,500	$16.95	$787,945	$78,794
Outdoor Facilites						
Football Stadium Bleacher Area	1995	2030	17,800	$68.07	$1,211,715	$34,620
Amphitheatre & Bell Tower	1996	2046			$1,031,234	$20,625
Soccer Bleachers	2007	2042	200	$68.07	$13,615	$389
Baseball Bleachers	2007	2042	4,500	$68.07	$306,333	$8,752
Softball Bleachers	2007	2042	2,400	$68.07	$163,377	$4,668
Site Furnishings						
Benches	2009	2024	82	$3,635	$298,033	$19,869
Trash Cans	2009	2024	160	$969	$155,090	$10,339
Directory Signs	1990	2020	15	$6,057	$90,856	$3,029
Information Kiosks	1990	2020	2	$12,114	$24,228	$808
University Village Signs	2009	2024	2	$4,847	$9,693	$646
Pine Grove Signs	2009	2024	1	$4,847	$4,847	$323
Campuswide Wayfinding Signs	2016	2036	1	$340,370	$340,370	$17,018
Main Entrance Sign	2004	2024	1	$848,032	$848,032	$42,402
Cardinal Events Sign	2012	2022	1	$108,659	$108,659	$10,866
College Drive Electronic Sign	2016	2031	1	$73,993	$73,993	$4,933
I Love SVSU Sign	2014	2034	1	$12,953	$12,953	$648
Bicycle Racks	2007	2027	97	$505	$48,950	$2,447
Night/Day Fountain	1987	2037	1	$197,562	$197,562	$3,951
Gazelle Fountain	1975	2025	1	$148,172	$148,172	$2,963
North & South Pond Fountains	2011	2021	2	$34,225	$68,450	$6,845
Otter Fountain	2013	2063	1	$26,145	$26,145	$523
Secondary Entrance Signs	2007	2027	3	$23,707	$71,122	$3,556
University HealthCare Signs	2009	2029	2	$52,654	$105,307	$5,265

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	$556,984	$11,140
Fiber	1996	2046	$563,776	$11,276
Aerial Fiber (24 Miles)	2005	2055	$673,041	$13,461
Totals:	**Lifespan: 50 or 80 years**		**$1,793,801**	**$35,876**

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	$20.01	$1,631,237	$54,375
Fixtures	2013	2043	1,100	$4,847	$5,331,223	$177,707
Totals:	**Lifespan: 30 years**		**82,630**		**$6,962,459**	**$232,082**