FY 2028 FIVE-YEAR CAPITAL OUTLAY PLAN

I. MISSION STATEMENT

Schoolcraft is a comprehensive, open door, community-based College. The mission of the College is to provide a transformational learning experience designed to increase the capacity of individuals and groups to achieve intellectual, social, and economic goals.

The Vision: The College wishes to be a first-choice provider of educational services, a competent organization, functioning with integrity, behaving strategically, and providing value beyond expectations.

College Values:

- We recognize the students are our reason for existence and that student success is paramount to our mission.
- We pledge to follow ethical practices in the classroom, boardroom, business operations, and all other areas of the College.
- We value diversity in our students, staff, and programming.
- We are committed to having a positive intellectual, social, and economic impact on the communities we serve.
- We strive to achieve leadership in academics, management practices, employee relations, and institutional innovation.
- We strive to maintain a supportive, cordial, and aesthetically pleasing environment for our students, staff, and community.
- We encourage lifelong learning for our students and staff by providing the most current programs, utilizing the most effective instructional delivery methods.
- We believe that higher education should be accessible to the greatest number of our constituents.

II. INSTRUCTIONAL PROGRAMMING

a) Description of various existing academic programs and projected programming changes during the next five years, in so far as academic programs are affected by specific structural considerations (i.e., laboratories, classrooms, current and future distance learning initiatives, etc.).

Traditional Classrooms and Labs

Schoolcraft College offers certificate and associate degree programs in career areas such as Nursing, Culinary Arts, Computer Information Systems, Criminal Justice, and Business. Currently, student majors are roughly 48% career and 52% transfer. Schoolcraft College also offers a Bachelor of Science Degree in Culinary and Dietary Operations Management. In addition, the College offers eight career and educational pathways that include Art, Music, Media & Communications, Business, Criminal Justice & Public Safety, Culinary, Brewing & Hospitality, Education, Human & Social Services, Health Professions, Manufacturing & Engineering Technology, and Science, Technology, Engineering & Mathematics (STEM). The programs and their courses are offered at three locations: Main Campus, the Manufacturing & Engineering Center, and the Public Safety Training Complex, all located in Livonia, Michigan.

For Fall 2026, Schoolcraft College has 9,729 credit students enrolled with 82% seats filled.

Fall 2026 classes began August 31. As of September 15, 2026, the number of late starting classes were as follows:

Modality	# Late Starting 12-week classes	# Late Starting 7-week classes
Traditional and Hybrid Classes	65	23
Online Classes	168	39
Synchronous Classes	3	2

Enrollment is monitored daily from the first day of registration through the last day to enroll for the second 7-week courses to identify trends and courses filling early and/or throughout the registration process. Just-in-time courses are added to the current offerings, when possible, to meet the needs of students. As of September 15, an additional 66 sections were added for Fall 2026 after registration opened.

The Health Sciences Center houses the following programs: Diagnostic Medical Sonography, Emergency Medical Technology/Paramedic, Health Information Technology, Health Coding Specialist, Medical Assisting, Medical Biller/Receptionist, Phlebotomy Nursing, Nursing Assistant Training, Pharmacy Technician, Radiologic Technology, Sterile Processing, and Surgical Technology. Schoolcraft College is a Michigan Department of Health and Human Services approved sponsor for EMT programs, enabling the College to increase college credit offerings and provide continuing education courses. Additionally, the Pharmacy Technician program has earned expanded recognition by the Pharmacy Technician Certification Board (PTCB) as a Compounded Sterile Preparation Technician (CSPT) Advanced-level program.

Although we are continuing to modify our curriculum to meet the needs of our students and community, we do not foresee the changes requiring major structural changes.

Distance Learning

Schoolcraft College actively provides flexible course scheduling options to meet the needs of our diverse student population. In addition to traditional classroom delivery, the College offers a robust variety of online, hybrid (a combination of face-to-face and online), and synchronous (live virtual) courses, available in variable term lengths (e.g., 5-, 7-, 12-, and 15-week).

In Fall 2026, over 12,773 seats were filled in online courses, which reflects a 17% increase from Fall 2025. Moreover, the Fall 2026 semester offered 117 unique online courses comprising 448 sections.

In Fall 2026, the College offered 12 hybrid courses comprising 34 sections. Likewise, in Fall 2026, the College offered 34 synchronous (live virtual) courses comprising 41 sections.

b) Identify unique characteristics of each institution's academic mission: (i.e., two-year degree and certificated technical/vocational training, workforce development activities, adult education focus, continuing or lifelong educational programming, partnerships with intermediate school district(s), community activities; geographic service delivery area(s), articulation agreements or partnerships with four-year institutions, etc.).

Schoolcraft College is a community college offering one bachelor's degree and a variety of associate degrees and certificates, as well as skill-specific certifications. For the 2025/2026 academic year, there were 15,176 credit students who attended the College and 10,218 students who were registered for continuing education, professional development, or adult education

programs. The Workforce and Economic Development Center has been in existence since 1985 and through its APEX Accelerator (formerly Procurement Technical Assistance Center (PTAC)), it has been one of the largest contributors for new government contracts awarded to Michigan businesses with over $4.4 billion infused into the local economy. Since 2001, the Michigan Small Business Development Center (SBDC) at Schoolcraft College has offered consulting, training, and research services to help small businesses launch, grow, transition, and innovate. Over the past five years (2022-2026), the SBDC has had a significant impact by assisting 3,031 clients and companies, conducting 2,285 counseling sessions, facilitating 33 business startups, helping create or retain 200 jobs, and supporting capital investments totaling $24,180,824.

Schoolcraft College has also coordinated efforts with the Michigan Works! Agency to deliver many “boot camps” to prepare unemployed and under-employed citizens quickly and successfully for jobs in machining and welding.

Schoolcraft College offers educational programs leading directly to third party certifications in areas such as Culinary (American Culinary Federation), Welding (American Welding Society), Machining (National Institute for Metalworking Skills), Mechatronics (Smart Automation Certification Alliance) and Computer Information Systems (Cisco Academy). Other programs provide education and training to prepare for third party certification in areas such as Nursing (NCLEX), Criminal Justice (MCOLES), and EMT/Paramedic. Schoolcraft continues to create new programs to meet the needs of the local economy. For example, Schoolcraft recently initiated programs in Mechatronics, Computer Cybersecurity, and Networking. An innovative program to certify individuals for K-12 teaching in Michigan (Alternative Route to Teacher Certification) has experienced continual increases in enrollment and has been revised to meet the new state standards.

The College’s official geographic boundaries consist of several Michigan school districts: Livonia, Plymouth-Canton, Northville, Garden City, and Clarenceville. The College has three locations in Livonia to best meet the facility needs of various programs.

The College maintains articulation agreements and partnerships with many Michigan universities and the K-12 districts within and near the College’s district boundaries. In partnership with Michigan universities, Schoolcraft has more than 70 articulation agreements with 16 colleges, universities, and technical institutions. Several of the articulation agreements are generous plans that allow students to complete up to 90 credits at the community college and the final 30 credits at a university, resulting in great monetary savings for students, as well as transferring very well-prepared students who can complete their bachelor's degree. The College has 45 articulation agreements with thirteen career technical centers or secondary schools for 28 Schoolcraft College courses. These agreements provide students with college credit for entry-level courses in career pathways such as computer graphics technology, culinary arts, engineering technology, criminal justice, and welding. The College will continue to build partnerships with area high schools and four-year universities to create pathways for students to progress seamlessly toward a certificate or degree leading to employment or higher education credentials.

In addition to traditional articulations with colleges, universities, and technical institutions, the College has four articulations created in partnership with the Medical Education Training Center (METC) in Texas. These articulations provide military personnel (and traditional students) college credit for prior learning toward credentials in Health Information Technology at the associate degree level, Pharmacy Technician at certificate levels, and the newly approved Health Professionals Management associate option for Pharmacy Technicians. This articulation opportunity not only honors prior training and learning but also provides great monetary and time savings for students.

Schoolcraft College has partnered with the Galileo Leadership Consortium in a special program called "Galileo Teacher Leadership Academy" to prepare leaders to improve learning in their classrooms, departments, schools, districts, and community colleges. Over 100 teachers and faculty from 30 school districts, two community colleges, and one university within Wayne,

Oakland, and Macomb Counties participate in each two-year cohort. Schoolcraft College has had over 50 faculty/staff participate in the Leadership Academy since 1997. The total number of Galileo Leaders trained to date is over 1,000.

c) Identify other initiatives which may impact facilities usage.

Opened in Fall 2020, Schoolcraft College's Manufacturing & Engineering Center (MEC) is a 48,000 sq. ft. state-of-the-art facility that is more than double the previous space that was on our main campus. Faculty in these programs are industry experts, facilitating interactive, hands-on learning experiences and preparing students for the workplace. The MEC is in Livonia, only minutes away from the Main Campus. This location increases opportunities for dual enrollment/middle college, apprenticeship training, and non-credit training for businesses, university partnerships, and workforce development such as boot camps. As we look to increase opportunities for learning in the automotive electronics industry, we will need to consider reconfiguring existing space and add equipment to provide the necessary new courses.

Healthcare simulation technology facilities are available, and impact facility use by making possible the development of cross-discipline activities between Nursing, Emergency Medical Technology, and Allied Health programs. Our enrollment growth in these areas has increased demand for student use in this simulation lab. In addition, the growing partnerships fostered between the College and local hospitals and healthcare professionals wishing to make use of the Health Professions Simulation Lab expose our students to encounters with industry professionals.

Additionally, our growth in supporting the healthcare professions has increased demand for our science courses. The need to improve existing lab facilities and potentially expand these spaces is being considered.

The Public Safety Training Complex (PSTC) is home to state-of-the-art law enforcement and firefighting training facilities and simulators. The complex is equipped with many unique features, including a maze room, configurable to different room layouts to practice building clearing and rescue techniques; a 4,500 square foot training room, allowing students to practice entering dark homes with hazards; a gun range with total blackout capability; a FATS system (FireArms Training Simulator), which allows for a wide variety of scenarios to be programmed for de-escalation and 360-degree awareness training; an 11-acre driving facility; and a 4-story fire tower that can produce fire at several hundred degrees and simulate high-angle rescues. Local, state, and national agencies frequently use the PSTC for continued skills training. Additionally, we have dual enrollment opportunities in some of our programs at PSTC. Due to growing community need for both law enforcement and firefighter professionals, we are considering ways to increase and maximize our space to meet increased student demand. Increased student demand led to a locker room expansion to increase locker space to accommodate more students.

d) Demonstrate economic development impact of current/future programs (i.e., technical training centers, life science corridor initiatives, etc.).

Having a trained workforce is critical to the economic development of Michigan. Businesses choose to locate and expand in areas where there is a pool of people with the needed job skills, and where communities are safe and supportive of business. Schoolcraft, through its Workforce and Economic Development division, APEX Accelerator (formerly Procurement Technical Assistance Center (PTAC)), and Workforce Training Solutions, helps entrepreneurs and established businesses grow their markets, secure new funds, and train their workforce. For several years, the College has offered a "Small Business for Entrepreneurs Associate Degree" and a "One-Year Certificate."

Schoolcraft College offers many career and technical programs for students seeking an education and the skills to enter the job market or to advance their current careers. The College's career programs are based on students' interests and community employment needs. Advisory Boards for each career and technical education area are composed of industry leaders and

professionals. Advisory board input is critical to the continued improvement of career programs and preparation of our students for their occupations. Competencies and program outcomes incorporated into occupational programs prepare students to enter challenging specialized careers after two years of college or less. Instructors emphasize job-specific knowledge, and students can pursue most programs full- or part-time. Schoolcraft tracks job placement in high demand, high skill, and high-wage employment to ensure students find jobs.

Current programs, certificates, and courses are continually reviewed and updated for modernization and continuous quality improvement as well as to meet changing business and industry requirements. Job market sites, business needs, assessment surveys, advisory committee input, and Department of Labor job forecasting help Schoolcraft stay current with job market demands and provide valuable information/data to drive program initiation and revision. Newly developed environmental scans produced by the College's Research and Analytics department have provided a wealth of information about the prospects and outlook for viability of new educational programs based on reliable data. Enrollment trends are evaluated on a semester-by-semester basis to determine student interest and are reviewed for program expansion or contraction.

To increase access for all students to career and technical education programs, many of the courses in these programs are offered through the College's various modalities such as online, sync, and hybrid, as well as traditional classrooms. For students balancing work, life, and an education, the availability of flexible scheduling affords them the opportunity to complete their education. The College's Workforce Development, along with Personal and Professional Learning (PPL) departments, offer classes aimed at preparing people for the workplace and building career and technical skills. This includes certificate programs such as, electric vehicle technician training, digital sculpting, project management, and computer classes geared toward workplace applications. Additionally, courses in specific content areas such as real estate, drones, and nursing continuing education are offered through PPL. Still more credit and non-credit programs have been submitted to the state for approval for funding through the Michigan Works! agencies.

With health care emerging as Michigan's number one private employer, Schoolcraft had added new programs: Diagnostic Medical Sonography, Radiologic Technology, Surgical Technology, and Sterile Processing. These added to our existing offerings that we continue to grow including Phlebotomy, Medical Assisting, Medical Billing, Health Information Technology, Health Coding Specialist, Nursing Assistant Training, Biomedical Engineering Technology, Emergency Medical Services, and the Nursing Career Ladder Curriculum program which includes registered nursing and practical nursing educational opportunities.

National employment forecasts through 2035 project employment requiring an associate degree will increase by 4.9%, compared to 2.0% for a high school diploma or equivalent, 5.7% for postsecondary non-degree awards, 5.6% for a bachelor's degree, and 11.0% for a master's degree. The highest growth "hot" occupations (favorable mix of projected long-term job growth, projected annual job openings, and median wages) in Southeast Michigan through 2032 that require an associate's degree or vocational training include Electricians, Carpenters, Heavy and Tractor-Trailer Truck Drivers, Sales Representatives, Police Officers, Paralegals and Legal Assistants, Plumbers, Pipefitters and Steamfitters, Industrial Machinery Mechanics and Engineering Technicians, Mechanical Engineering Technologists and Technicians, HVAC and Refrigeration Mechanics and Installers, Computer User Support Specialists, Millwrights, Licensed Practical Nurses, Physical Therapist Assistants, Diagnostic Medical Sonographers, Occupational Therapy Assistants, and Respiratory Therapists.

Schoolcraft College actively participates with several Economic Development organizations including:

- Ann Arbor Spark
- Ann Arbor/Ypsilanti Regional Chamber
- Association of Procurement Technical Assistance Centers (APTAC)
- Association of Small Business Development Centers (ASBDC)
- Automation Alley
- Canton Chamber of Commerce
- Detroit Regional Chamber of Commerce
- Detroit Drives Degrees Community College Collaborative (D3C3)
- Garden City Business Alliance
- Learning Resources Network (LERN)
- Livonia-Westland Chamber of Commerce
- MichAuto
- Michigan Alliance for Greater Mobility Advancement (MAGMA)
- Michigan Alliance of APEX Accelerators
- Michigan Association of Continuing Education and Training (MACET)
- Michigan Chamber of Commerce
- Michigan College Access Network (MCAN)
- Michigan Department of Lifelong Education, Advancement, and Potential (MiLEAP)
- Michigan Department of Licensing and Regulatory Affairs (LARA)
- Michigan Department of Labor and Economic Opportunity (LEO)
- Michigan Economic Developers Association (MEDA)
- Michigan Economic Development Corporation (MEDC)
- Michigan Educational Apprenticeship Training Association (MEATA)
- Michigan Energy Workforce Development Consortium (MEWDC)
- Michigan International Technology Center (MITC)
- Michigan Manufacturing Technology Center (MMTC)
- Michigan Small Business Development Center (MI-SBDC)
- Michigan Workforce Development Agency
- Midwest Higher Education Compact (MHEC)
- National Association of Colleges and Employers (NACE)
- National Center for Women & Information Technology (NCWIT)
- National Contract Management Association (NCMA)
- National Council for Continuing Education and Training (NCCET)
- National Council for Workforce Education (NCWE)
- National Defense Industrial Association (NDIA)
- Northville Chamber of Commerce
- Novi Chamber of Commerce
- Novi Economic Development
- Plymouth Chamber of Commerce
- Small Business Association of Michigan (SBAM)
- Southeast Michigan Community Alliance (SEMCA)
- SEMCA Career Education Advisory Council (CEAC)
- Southeast Michigan Council of Governments (SEMCOG)
- Health Care Alliance of Southeast Michigan (HCA)
- US Department of Labor
- Wayne County Economic Development Corporation (WCEDC)
- Workforce Intelligence Network for Southeast Michigan (WIN)

III. STAFFING AND ENROLLMENT

a) Describe current full and part-time student enrollment levels by academic program and define how the programs are accessed by the student (i.e., main or satellite campus instruction, collaboration efforts with other institutions, Internet, or distance learning, etc.).

Enrollment for Fall 2026 late-starting classes continues through November 3, 2026. As of September 15, 2026, enrollment for Fall 2026 had reached 9,729. For the full 2025/2026 academic year, Schoolcraft College had 15,176 credit students enrolled. As of Fall 2026, 58% of Schoolcraft College's credit students attend on a part-time basis (less than 12 credit hours) and 42% attend on a full-time basis (12 credit hours or more); 45% of Schoolcraft College's credit students reside within our college district and 55% reside outside of the College's district (including international students).

In addition to credit students, Schoolcraft College has a large base of students in Personal and Professional Learning (PPL) formerly known as Continuing Education & Personal Development, enrolling 10,218 students during the same academic year. PPL non-credit courses include contracted training, workforce development, certification programs, professional development, personal development.

Our credit student population can be defined by attendance type as follows:

Student Attendance by Type	Number of Students
Day Only (Traditional Classes)	1,441
Evening Only (Traditional Classes)	295
Combination of Day and Evening Only (Traditional Classes)	417
Distance Learning (Online) Only	3,201
Combo Only	145
Distributed Learning (Hybrid) Only	124
Independent Learning, SYNC, Global	171
Combination (traditional, online, day, evening, and weekend)	3,935

As shown in the following charts, 52% of Schoolcraft College's credit students are enrolled in transfer programs. Another 26% are enrolled in associate or certificate career programs, and 22% are enrolled in special programs such as post-certificate programs, skills certificate programs, and pre-programs (completing course requirements for admissions into Associate Degree programs).

The five largest populated career programs are Nursing, Business, Criminal Justice, Cybersecurity and Culinary Arts. Some programs limit their enrollment based upon available resources (space, staffing, clinical sites, etc.), such as Culinary Arts, Nursing, and several health professions programs that require clinical rotations.

Students can gain access to academic programs through multiple venues. In addition to our main campus in Livonia, the Public Safety Training Complex, located in Livonia, houses the Wayne County Regional Police Training Academy, Schoolcraft Fire Academy, Fire Technology, Homeland Security, and Criminal Justice programs. Schoolcraft College's Manufacturing & Engineering Center (MEC), also located in Livonia, houses engineering and technology programs such as Mechatronics Technology, Robotics, Computer Aided Design (CAD), Manufacturing, and Welding, to name a few. Students can also access programs through a combination of traditional, hybrid, synchronous, and online courses.

Currently active sections available for Fall 2026 comprise 601 traditional sections, 15 independent learning, 41 synchronous sections, 34 hybrid sections, and 448 online sections.

Enrollment in Fall 2026 by Program Majors and Full-time/Part-time

For the charts below, enrollment is divided into part-time students (less than 12 credit hours), full-time students (12 or more credit hours), and others (18 or more credit hours).

Pre-Programs

Code	Program Name	Full-time	Part-time	Other	Total
P000	Pre-Nursing (RN)	272	681	0	953
P017	Pre-Practical Nursing	16	57	0	73
P024	Pre-Emergency Medical Technology Cert	5	3	1	9
P026	Pre-Medical Assisting Certificate	13	23	0	36
P128	Pre-Biomedical Engineering Technology	28	33	0	61
P153	Pre-Health Info Tech	9	27	0	36
P240	Pre-Health Coding Specialist	3	16	0	19
P247	Pre-Culinary Baking and Pastry Arts	8	8	0	16
P249	Pre-Pharmacy One-Year Certificate	1	2	0	3
P250	Pre-Emergency Medical Technology AAS	20	13	0	33
P281	Pre-Diagnostic Medical Sonography	141	193	0	334
P283	Pre-Radiologic Technology	72	210	0	282
P285	Pre-Sterile Processing	0	7	0	7
P286	Pre-Surgical Technology/	16	41	0	57
P397	Pre-Culinary & Dietary Operations Mgmt BS	12	8	1	21
P398	Pre-Professional Culinary Arts Skills Certificate	3	2	0	5
P399	Pre-Professional Culinary Arts Certificate	4	9	0	13
P400	Pre-Professional Culinary Arts Degree	52	46	1	99
	Pre-Programs Totals	675	1,379	3	2,057
	% Of Total Enrollment	6.16%	12.58%	0.03%	18.77%

Skills Programs: Certificates

Code	Program Name	Full-time	Part-time	Other	Total
222	Mechatronics Technology	0	6	0	6
238	CAD Mechanical Design	0	2	0	2
253	Criminal Justice Police Academy	1	1	23	25
271	Engineering Technology	3	2	0	5
285	Sterile Processing	0	16	0	16
315	Child Development Associate	4	7	0	11
320	Electronic Technology	2	7	0	9
321	Nursing Assistant	2	7	0	9
324	Emergency Medical Technology	10	24	0	34
325	Phlebotomy	6	21	0	27
328	Information Technology	0	8	0	8
329	Cisco and Network	1	1	0	2
337	Advanced Manufacturing	0	9	0	9
338	Supply Chain Management	4	1	0	5
349	Pharmacy Technician Certificate	4	7	0	11
350	Medical Biller/Receptionist	2	13	0	15
364	Computer Graphics Technology	14	8	0	22
365	Accounting for Small Business	0	2	0	2
366	Application Developer	0	1	0	1
376	Geographic Information Systems	3	5	0	8
398	Professional Culinary Arts	0	6	0	6
	Totals (Skills Programs: Certificate	56	154	23	233
	% Of Total Enrollment	0.51%	1.41%	0.21%	2.13%

Career Programs: One-Year Certificates

Code	Program Name	Full-time	Part- time	Other	Total
001	Accounting	2	13	1	16
002	Basic Business	11	24	1	36
004	Programming	4	16	0	20
017	Practical Nursing	0	3	0	3
024	Emergency Medical Technology	2	10	0	12
026	Medical Assisting	9	18	0	27
031	Early Childhood Education	4	7	0	11
032	Special Needs Para Educator	0	1	0	1
084	Brewing and Distillation Technology	3	7	1	11
115	Piano Teacher	0	1	0	1
124	Metallurgy Applied Physical	0	2	0	2
125	Electronic Technology	1	3	0	4
127	Welding Fabrication	15	44	0	59
129	Welding Pre-Apprenticeship	7	14	0	21
131	UI/UX	1	0	0	1
136	CGT: Graphic Arts	1	1	0	2
144	Sound Recording Technology	3	11	0	14
149	Fire Fighter Technology	0	2	0	2
162	Music Foundations	1	0	0	1
170	Elementary Alt Route to Teacher K-5	0	1	0	1
213	Small Business for Entrepreneurs	6	11	0	17
214	Movement Science	0	5	0	5
223	Mechatronics Technology	1	7	0	8
230	Computer Systems Support	0	1	0	1
231	Networking Specialist	1	1	0	2
232	Cybersecurity	4	16	0	20
237	Advanced Manufacturing	0	9	0	9
240	Health Coding Specialist	4	10	0	14
242	Business Information Technology	2	3	0	5
245	Art Entrepreneurship	2	5	0	7
247	Culinary Baking & Pastry Arts	15	2	17	34
248	CAD Mechanical Design	0	4	0	4
249	Pharmacy Technician	3	2	0	5
253	Fire Fighter Technology	20	21	15	56
256	Computer and Network Technology	4	7	0	11
272	Engineering Technology	2	2	0	4
276	Environmental Science Technician	0	1	0	1
291	Real Estate Property Management	1	1	0	2
339	Supply Chain Management	2	4	0	6
346	Music Entrepreneurship	2	1	0	3
379	Graphic Arts	2	2	0	4
381	Interactive Media Certificate	0	1	0	1
383	Video Graphics	1	1	0	2
399	Professional Culinary Arts	3	10	0	13
	Totals	139	305	35	479
	% Of Total Enrollment	1.27%	2.78%	0.32%	4.37%

Career Programs: Associate and Bachelor's Degree

Code	Program Name	Full-time	Part- time	Other	Total
000	Registered Nursing	27	372	0	399
005	Accounting	54	57	1	112
007	Networking Specialist	1	2	0	3
008	General Business	85	78	1	164
009	Marketing & Applied Management	51	41	1	93
010	Cosmetology Management	5	6	0	11
011	Small Business Entrepreneur	40	40	0	80
012	Programming	34	39	0	73
014	Computer Systems Support	1	6	0	7
020	Early Childhood Education	47	62	0	109
021	Special Needs Para Educator	0	1	0	1
028	CGT: Graphic Arts	8	5	0	13
031	CGT: UI/UX	2	3	0	5
032	CGT: 3D and Video Graphics	5	6	0	11
041	Broadcast Communications	0	1	0	1
066	Cybersecurity	69	76	0	145
068	Special Study - Career	0	21	0	21
082	Welding Fabrication Technology	30	27	0	57
086	Criminal Justice	88	77	5	170
087	Culinary Arts	0	3	0	3
120	Electronic Technology	13	15	0	28
128	Biomedical Engineering Technology	4	16	0	20
135	Advanced Manufacturing	11	10	0	21
153	Health Information Technology	11	26	0	37
170	Computer Aided Mechanical Design	0	1	0	1
176	Environmental Studies	1	1	0	2
177	Fire Technology	0	3	0	3
184	Metallurgy and Materials Science	5	12	0	17
217	Fire and Emergency Services	8	5	3	16
224	Mechatronics Technology	12	19	0	31
226	Mechatronics	0	1	0	1
229	Health Prof Mgmt for Pharmacy Tech	9	5	0	14
244	Sound Recording Technology	22	22	0	44
250	Emergency Medical Technology	14	10	0	24
252	Homeland Security	2	5	0	7
254	Fire Fighter Technology	24	12	6	42
257	Computer and Network Technology	18	19	0	37
258	CAD Mechanical Design	9	18	0	27
259	Criminal Justice with Academy	59	21	29	109
273	Engineering Technology	8	10	0	18
277	Business Information Technology	17	17	0	34
281	Diagnostic Medical Sonography	1	19	0	20
283	Radiologic Technology	20	2	0	22
284	Movement Science	27	19	0	46
286	Surgical Technology	1	15	0	16
292	Real Estate Property Management	2	2	0	4
341	Supply Chain Management	25	24	0	49
347	Music Entrepreneurship	3	4	0	7
378	Graphic Arts	13	6	0	19
380	Interactive Media	7	5	1	13
382	Video Graphics	7	2	0	9
397	B.S. Culinary & Dietary Operations Mgmt	1	3	0	4
400	Professional Culinary Arts	91	62	5	158
	Totals	992	1,334	52	2,378
	% of Total Enrollment	9.05%	12.17%	0.47%	21.70%

Career Programs: Total Bachelor's Degree, Associate Degree, and One-Year Certificate

	Full-time	Part-time	Other	Total
Enrollment	1,131	1,639	87	2,857
% Of Total Enrollment	10.32%	14.96%	0.79%	26.07%

Career Programs: Post-Certificates

Code	Program Name	Full-time	Part-time	Other	Total
278	Computed Tomography (CTMI)	0	1	0	1
279	Mammography	1	0	0	1
280	Magnetic Resonance Imaging	0	1	0	1
313	Elementary ARC PK-3	0	18	0	18
314	Secondary Education Alternative Route Teacher Certification	0	71	0	71
318	Elementary ARC 3-6	0	13	0	13
319	Elementary ARC PK-6	0	1	0	1
	Totals	1	105	0	106
	% Of Total Enrollment	0.01%	0.96%	0.00%	0.97%

Career Programs: Total Pre-Programs, Skills, and Post-Certificate Enrollment

	Full-time	Part-time	Other	Total
Enrollment	732	1,638	26	2,396
% Of Total Enrollment	6.68%	14.95%	0.24%	21.86%

Transfer Programs

Code	Program Name	Full-time	Part-time	Other	Total
042	Associate In General Studies	1,326	1,098	10	2,434
167	Guest Transfer	20	237	0	257
268	Dual Enrollment	9	843	0	852
368	Early College	16	67	0	83
401	Associate of Business Administration*	0	1	0	1
402	Associate in Fine Arts	28	39	0	67
403	Pre-Pharmacy Associate Degree	2	4	0	6
500	Business Transfer	0	1	0	1
700	Education Transfer	10	9	0	19
701	Teacher Education, Liberal Arts	11	11	0	22
702	Associate of Engineering	122	79	0	201
703	Associate of Business Administration	386	262	0	648
704	Associate of Arts	151	118	0	269
705	Associate of Science	349	381	1	731
900	Non-Degree Seeking	6	108	1	115
	Totals	2,436	3,258	12	5,706
	% Of Total Enrollment	22.23%	29.73%	0.11%	52.07%

*Program Inactive

Total Enrollment for Certificates, Associate Degrees, and Transfer

	Full-time	Part-time	Other	Total
Pre-Programs	675	1,379	3	2,057
Skills Certificates	56	154	23	233
One-Year Certificates	139	305	35	479
Associate and Bachelor's Degrees	992	1,334	52	2,378
Post-Associate Certificates	1	105	0	106
Transfer	2,436	3,258	12	5,706
Totals	4,299	6,535	125	10,959
% Of Total Enrollment	39.23%	59.63%	1.14%	

NOTE: This report reflects students enrolled in more than one major.

b) Evaluate enrollment patterns over the last five years.

The table below provides the headcount for each Fall Semester *for the past five years taken at the end of the late registration/schedule adjustment period (Fall 2026 as of 09/30/2026).*

	2026	2025	2024	2023	2022
Fall Headcount	9,778	9,486	8,524	7,896	7,909

c) Project enrollment patterns over the next five (5) years (includes distance-learning initiatives).

The following chart shows annual unduplicated student credit enrollments and the projections for the next five years.

Academic Year	Credit Enrollment
2016-2017	20,765
2017-2018	17,066
2018-2019	16,531
2019-2020	15,685
2020-2021	14,070
2021-2022	13,431
2022-2023	12,869
2023-2024	13,053
2024-2025	14,118
2025-2026	15,176
2026-2027*	14,568
2027-2028	*13,426*
2028-2029	*12,889*
2029-2030	*12,374*
2030-2031	*11,879*
**2026-2027 data not yet available* *Average 4% decline*	

Italics = forecast based on past enrollment

Distance Learning Courses: Current Enrollment/Future Growth

The growth of distance learning courses (i.e., online, hybrid, and synchronous) continues to increase over the past several years. Enrollment trends show students seek flexible course scheduling options, through distance-learning and traditional delivery methods, to accommodate their varied schedules.

Students Enrolled Exclusively In:	Fall 2026
Online Courses	2,310

d) Provide instructional staff/student and administrative staff/student ratios for major academic programs or colleges.

For the 2025/2026 academic year, the student (15,176) to instructional staff (394) ratio was 38:1. Instructional staff includes both full-time and part-time faculty members. The ratio for students to administrative staff (60) was 252:1. Administrative staff includes executives and administrators.

e) Project future staffing needs based on 5-year enrollment estimates and future programming changes.

The following chart shows annual staffing figures (includes both full-time and part-time employees for Fall 2020) and the projections for the next five years.

Year	Staffing (FT & PT)
2016-2017	830
2017-2018	802
2018-2019	827
2019-2020	818
2020-2021	754
2021-2022	756
2022-2023	731
2023-2024	*720*
2024-2025	*749*
2025-2026	*762*
2026-2027	*754*
2027-2028	*747*
2028-2029	*739*
2029-2030	*732*
2030-2031	*725*

**Italics = Linear Forecast, Average 1% decline*

f) Identify current average class size and projected average class size based on the institution's mission and planned programming changes.

In general, class size has been a result of negotiated contracts between the College and faculty union. While the previous contracts allowed for a degree of flexibility, no major modifications occurred in the 31:1 maximum class size ratio. Section size may vary depending on room capacity and may be discipline specific. For example, the Computer Information Systems class sizes are determined by computer workstations in the lab, with a seat count in most of these courses ranging from 20-24 seats.

The average class size for 2025-2026 was 20 students per course and included enrollment in alternative delivery courses.

IV. FACILITY ASSESSMENT

a) Summary description of each facility according to categories outlined in "net-to-gross ratio guidelines for various building types," DMB-Office of Design and Construction Major Project Design Manual, appendix 8. If a facility is of more than one "type," please identify the percentage of each type within a given facility.

See Exhibit A.

b) Building and/or classroom utilization rates (percentage of room used, and percent capacity). Identify building/classroom usage rates for peak (M-F, 10-3), off-peak (M-F, 8-10 am, 3-5 pm), evening, and weekend periods.

Room Utilization Methodology

Like many colleges, our goal is to deliver quality instruction while keeping the safety of our students and staff a top priority. Because of this, Schoolcraft College offers a variety of course formats. For Fall 2026, 60% are offered face-to-face, 34% of classes are offered online, and 6% are offered in either a hybrid or synchronous format.

During a normal semester, the heaviest demand by students for classes falls into two categories: Daytime - Monday through Thursday, 7:00 a.m. – 2:00 p.m., Evenings - Monday through Thursday, 6:00 p.m. – 10:00 p.m. However, we have reported room utilization based on the parameters set forth in this section of the capital outlay as follows:

• Peak	Monday through Friday	10:00 a.m. – 3:00 p.m.
• Off Peak	Monday through Friday	7:00 a.m. – 10:00 a.m.
• Off Peak	Monday through Friday	3:00 p.m. – 5:00 p.m.
• Evening	Monday through Thursday	5:00 p.m. – 10:00 p.m.
• Weekends	Friday	5:00 p.m. – 10:00 p.m.
	Saturday & Sunday	7:00 a.m. – 10:00 p.m.

Main Campus - Fall Semester 2026 Facility Usage

Building/Room Type	Peak	Off Peak		Evening	Weekend	
	M-F	M-F	M-F	M-Th	F	Sa/Sun
	10am-3pm	7am-10am	3pm-5pm	5pm-10pm	5pm-10pm	7am-10pm
Classrooms						
Biomedical Technology Center Classrooms	44.90%	19.38%	38.25%	36.50%	0.11%	0.00%
Bradner Library Classrooms	1.13%	0.36%	0.00%	0.00%	0.00%	0.00%
Elite Sport Center Classrooms	53.88%	6.25%	7.19%	22.19%	6.25%	2.29%
Forum Classrooms	57.05%	27.12%	39.40%	28.09%	8.87%	7.59%
Health Sciences Center Classrooms	36.28%	17.14%	8.20%	21.03%	0.99%	0.75%
Jeffress Center Classrooms	8.30%	9.67%	0.36%	18.53%	0.00%	1.31%
Liberal Arts Classrooms	48.49%	19.99%	33.18%	29.77%	0.18%	21.38%
McDowell Student Center Classrooms	23.37%	15.10%	18.86%	3.98%	0.00%	4.71%
Physical Education Classrooms	7.69%	0.52%	14.38%	8.44%	0.00%	2.92%
Vistatech Center Classrooms	32.39%	31.88%	30.00%	21.41%	1.00%	5.27%
Labs						
Biomedical Technology Center Labs***	11.30%	6.34%	10.01%	10.07%	2.23%	0.00%
Elite Sport Center Labs***	7.00%	6.25%	0.94%	1.25%	0.00%	0.00%
Forum Labs***	53.07%	19.43%	42.67%	43.38%	13.02%	2.48%
Health Sciences Center Labs***	21.03%	8.00%	12.08%	7.51%	0.00%	3.86%
Jeffress Center Labs***	88.67%	16.67%	65.15%	100%	47.50%	14.74%
Liberal Arts Labs - Theater ****	15.00%	0.00%	59.38%	59.06%	0.00%	4.27%
McDowell Center Labs **	76.02%	34.25%	60.67%	56.41%	0.00%	0.00%
Physical Education Labs	17.36%	10.31%	11.25%	15.81%	16.88%	3.78%
Vistatech Center Labs ***	43.69%	48.18%	25.49%	19.20%	10.56%	1.66%
Computer Labs**						
Biomedical Technology Center Computer Labs	100%	100%	100%	100%	100%	100%
Forum Computer Labs	100%	100%	100%	100%	100%	100%
Jeffress Center Computer Labs	100%	100%	100%	100%	100%	100%
Health Sciences Computer Labs	100%	100%	100%	100%	100%	100%
Liberal Arts Computer Labs	100%	100%	100%	100%	100%	100%
Vistatech Center Computer Labs	100%	100%	100%	100%	100%	100%

**When not scheduled for classes, computer labs are open for faculty to work with students from 8:00AM to 10:00PM, as such, shown as having 100% utilization.

***These are very specialized labs that are only open when a class is being held or an instructor is present in the lab because of the equipment present.

****Theater is used for performances, plays, stage set-up, rehearsals, etc. when not scheduled for classes.

Manufacturing & Engineering Center - Fall Semester 2026 Facility Usage

Building/Room Type	Peak	Off Peak		Evening	Weekend	
	M-F	M-F	M-F	M-Th	F	Sa/Sun
	10am-3pm	7am-10am	3pm-5pm	5pm-10pm	5pm-10pm	7am-10pm
Classrooms						
Manufacturing & Engineering Center Classrooms	28.27%	5.69%	30.08%	26.20%	22.63%	6.60%
Labs						
Manufacturing & Engineering Center Labs***	12.23%	2.71%	17.60%	20.51%	12.54%	6.35%
Computer Labs**						
Manufacturing & Engineering Center Computer Lab	100%	100%	100%	100%	100%	100%

**When not scheduled for classes, computer labs are open for faculty to work with students from 8:00AM to 10:00PM, as such, shown as having 100% utilization.
***These are very specialized labs that are only open when a class is being held or an instructor is present in the lab because of the equipment present.

Public Safety Training Complex - Fall Semester 2026 Facility Usage

Building/Room Type	Peak	Off Peak		Evening	Weekend	
	M-F	M-F	M-F	M-Th	F	Sa/Sun
	10am-3pm	7am-10am	3pm-5pm	5pm-10pm	5pm-10pm	7am-10pm
Classrooms						
Academy Training Center Classroom	100%	100%	100%	36.45%	0.00%	34.90
Firearms Training Center Classrooms	33.75	19.74%	34.22%	15.27%	1.25%	2.84%
Labs						
Academy Training Center Labs	44.25%	33.21%	44.16%	4.76%	0.00%	16.97%
Firearms Training Center Labs	47.33%	41.74%	23.02%	1.88%	1.46%	11.81%
Computer Labs**						
Firearms Training Center Computer Labs	100%	100%	100%	100%	100%	100%

**When not scheduled for classes, computer labs are open for faculty to work with students from 8:00AM to 10:00PM, as such, shown as having 100% utilization.

All Campus Buildings – Fall Semester 2026 Classroom and Lab Usage

Building/Room Type	Peak	Off Peak		Evening	Weekend	
	M-F	M-F	M-F	M-Th	F	Sa/Sun
	10am-3pm	7am-10am	3pm-5pm	5pm-10pm	5pm-10pm	7am-10pm
Classrooms						
Total classroom hours for all Buildings	16,342	5,568	4,641	7,528	163	1,161
Total Utilization Rate for all Buildings	43.01%	24.42%	30.53%	24.76%	2.14%	9.54%
Labs						
Total lab hours for all Buildings	11,310	3,542	3,515	6,890	693	356
Total Utilization Rate for all Buildings	29.76%	15.54%	23.13%	22.67%	9.13%	3.83%

c) Mandated facility standards for specific programs, where applicable (i.e. federal/industry standards for laboratory, animal, or agricultural research facilities, hospitals, use of industrial machinery, etc.).

Many of our programs require specialized classrooms/labs such as Welding, Robotics, Manufacturing, Metallurgy, Nursing, Sound Recording Technology, Computer Graphics Technology, Supportive Science Labs (e,g. Chemistry, Anatomy & Physiology), Geographic Information Systems, Pharmacy Technician, Medical Imaging, Police and Fire Academies, EMT, Theatre, Music, Fine Arts, and Medical Assisting.

d) Functionality of existing structures and space allocation to program areas served.

See Section V, part b and Exhibit A.

e) Replacement value of existing facilities (insured value of structures to the extent available).

See Exhibit B.

f) Utility system condition (i.e., heating, ventilation, and air conditioning (HVAC), water and sewage, electrical, etc.)

See Exhibit A.

g) Facility infrastructure condition (i.e. roads, bridges, parking structures, lots, etc.)

See Exhibit A.

h) Adequacy of existing utilities and infrastructure systems to current and 5-year projected programmatic needs.

Expansion of the wireless network is ongoing. Utility and infrastructure systems will need to be extended to support the additional parking facilities and buildings anticipated over the next five years.

i) Does the institution have an enterprise-wide energy plan? What are its goals? Have energy audits been completed on all facilities, if not, what is the plan/timetable for completing such audits?

The College has a written 5-year Energy Plan with the goals of providing energy savings and associated cost avoidance. We are constantly evaluating and updating campus systems.

j) Land owned by the institution; including a determination of whether capacity exists for future development, additional acquisitions are needed to meet future demands, or surplus land can be conveyed for a different purpose.

The College has performed a long-range master planning exercise identifying several building sites on the main campus.

k) What portions of existing buildings, if any, are currently obligated to the State Building Authority and when are these State Building Authority leases set to expire.

The Business and Industry Training Center and Waterman Campus Center Expansion (Vistatech) is leased to the State. The Technical Services Facility (Biomedical Technology Center) is leased to the State and will expire approximately November 1, 2043.

IV. IMPLEMENTATION PLAN

a) Prioritize major capital projects requested from the State, including a brief project description and estimated cost, in the format provided.

The only major capital project request for FY2028 is construction of the SPARK Center of Integrative Learning, a 100,000-square-foot, multiuse academic and engagement center designed to advance Schoolcraft College's instructional mission, enhance student life, and strengthen community engagement. The estimated project cost is $90,000,000.

b) If applicable, provide an estimate relative to the institution's current deferred maintenance backlog. Define the impact of addressing deferred maintenance and structural repairs, including programmatic impact, immediately versus over the next five years.

Over the next five years, the plan is to allocate between $2,000,000 and $3,000,000 from general fund reserves to address the backlog of deferred maintenance.

c) Include the status of on-going projects financed with State Building Authority resources and explain how completion coincides with the overall Five-Year Capital Outlay Plan.

We don't currently have any on-going projects financed with State Building Authority resources.

d) Identify, to the extent possible, a rate of return on planned expenditures. This could be expressed as operational "savings" that a planned capital expenditure would yield in future years.

While an actual analysis is not currently available, we expect that building the SPARK Center of Integrative Learning would result in reduced energy usage, lower energy costs, and lower deferred maintenance costs. It would provide our students with a space to better fit their learning needs and help us capture 20-30% of the students currently enrolling directly into 4-year institutions.

e) Where applicable, consider alternatives to new infrastructure, such as distance learning.

We currently offer a wide variety of online and hybrid courses. We launched a new synchronous remote modality in Spring 2023 to address consumer interest. Our distance learning modality is delivered synchronously, asynchronously, or as a hybrid of both.

f) Identify a maintenance schedule for major maintenance items in excess of $1,000,000 for fiscal year 2028 through fiscal year 2032.

There are not currently any plans for major maintenance items in excess of $1,000,000 in the next five years.

g) Identify the amount of non-routine maintenance the institution has budgeted for in its current fiscal year and relevant sources of financing.

There are not currently any plans for non-routine maintenance.

EXHIBIT A

SCHOOLCRAFT COLLEGE; ACADEMY TRAINING CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

SCHEDULED MAINTENANCE PROGRAM - CURRENT YEAR:	2026

BUILDING SECTION (BUILDING TYPE)	BUILDING AGE (YRS)	BUILDING AREA (GSF)
ACADEMY TRAINING CENTER	1989	23,068
RENOVATED	2010	
RENOVATED	2012	

MAINTENANCE BACKLOG VALUE FOR BUILDING:	$ 1,207,239	2027
REPLACEMENT VALUE FOR THE BUILDING:	$ 6,140,000	
FACILITY CONDITION INDEX (FCI):	20%	

PV OF TOTAL ANNUAL RESERVES:	$ 1,155,253	- YEAR: 2027

FCI	BUILDING CONDITION
FCI < 10%	GOOD
10%< FCI< 30%	FAIR
30% < FCI	POOR (NEEDS ATTENTION)
ABOVE 60%	CONSIDER REPLACEMENT

SOURCE: OpenGov

INFLATION RATE (%):	YEAR
2.4%	2024
3.7%	2025
4.0%	2026
4.5%	2027
4.0%	2028
4.0%	2029
4.0%	2030
4.0%	2031
4.0%	2032
4.0%	2033

ITEM NO. CODES
AI: ACCESSIBILITY IMPROVEMENT
BE: BUILDING EXTERIOR
BI: BUILDING INTERIOR
BS: BUILDING SYSTEM
ES: ELECTRICAL SYSTEM
MS: MECHANICAL SYSTEM
PS: PLUMBING SYSTEM
SG: SITE GROUNDS
SE: SPECIALTY EQUIPMENT

LEGEND
AVG: AVERAGE
CF: CUBIC FEET
CY: CUBIC YARDS
EA: EACH
EUL: ESTIMATED USEFUL LIFE
GSF: GROSS SQUARE FEET
LOC: LOCATION (SITE/BLDG)
PV: PRESENT VALUE
RUL: ESTIMATED USEFUL LIFE
SF: SQUARE FEET
SY: SQUARE YARDS
YRS: YEARS

REMAINING USEFUL LIFE (RUL) BAROMETER

- RUL = 1 YEAR OR LESS
- RUL = 2 YEARS TO 9 YEARS
- RUL = 10 YEARS OR GREATER (11 YEARS OR GREATER NOT FACTORED INTO FCI)

ITEM NO.
Picture(s) associated with blue & underlined item no.

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			BUILDING ENVELOPE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 105,423
ATC	EXTERIOR-CONCRETE	BE001	REPLACE CRACKED CONC WALK SLABS	SSS08	1989	50	SF	30	37	-7	$75.00	$ 3,750	$ 4,328
ATC	EXTERIOR-EAST ELEVATIONS	BE003	PAINT EXT HM DOORS AND FRAMES	MMM16	1989	5	LS	5	37	-32	$400.00	$ 2,000	$ 2,308
ATC	EXTERIOR-ALL ELEVATIONS	BE004	RE-CAULK BLDG CONTROL JOINTS	MMM16	1989	500	LF	15	37	-22	$10.00	$ 5,000	$ 5,770
ATC	EXTERIOR-ALL ELEVATIONS	BE005	RE-CAULK BLDG CONTROL JOINTS	MMM16	1989	50	LF	15	37	-22	$10.00	$ 500	$ 577
ATC	EXTERIOR-SOUTH ELEVATIONS	BE006	REPAINT EXT CMU WALLS, DE-ICEING SALTS SPALLING CMU AT BASE	MMM16	1989	900	SF	40	37	3	$30.00	$ 27,000	$ 31,160
ATC	EXTERIOR-SOUTH ELEVATIONS	BE007	PAINT EXT HM DOORS AND FRAMES	MMM16	1989	5	LS	5	37	-32	$400.00	$ 2,000	$ 2,308
ATC	EXTERIOR-SOUTH ELEVATIONS	BE008	PAINT EXT HM DOORS AND FRAMES	MMM16	1989	5	LS	5	37	-32	$400.00	$ 2,000	$ 2,308
ATC	EXTERIOR-EAST ELEVATION	BE009	REPAINT EXT CMU WALLS, DE-ICEING SALTS SPALLING CMU AT BASE	MMM16	1989	900	SF	40	37	3	$30.00	$ 27,000	$ 31,160
ATC	EXTERIOR-EAST ELEVATIONS	BE010	PAINT EXT HM DOORS AND FRAMES	MMM16	1989	5	LS	5	37	-32	$400.00	$ 2,000	$ 2,308
ATC	EXTERIOR-ROOF	BE013	MAINTAIN FLASHINGS AND PIPE SUPPORTS ON ROOF, CONDENSATE DRAINS	MMM16	1989	1	LS	40	37	3	$1,500.00	$ 1,500	$ 1,731
ATC	EXTERIOR-ROOF	BE014	MAINTAIN FLASHINGS AND PIPE SUPPORTS ON ROOF, CONDENSATE DRAINS	MMM16	1989	1	LS	40	37	3	$15,000.00	$ 15,000	$ 17,311
ATC	EXTERIOR-SOFFITS	BE015, BE015A, BE015B	STEEL LINTELS AND METAL PAN SOFFIT IS RUSTING, AND NEEDS TO BE REPAINTED	MMM16	1989	720	SF	40	37	3	$5.00	$ 3,600	$ 4,155
			BUILDING INTERIOR (DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 346
ATC	13	BI002	SEAL BACKSPLASH TO COUNTER	X03	2012	1	LS	15	14	1	$75.00	$ 75	$ 87
ATC	15	BI003	SEAL BACKSPLASH TO COUNTER	X03	2012	1	LS	15	14	1	$75.00	$ 75	$ 87
ATC	140	BI008	SEAL CONC CONTROL JOINT AT EXT DOOR	550	1989	1	LS	15	37	-22	$150.00	$ 150	$ 173
			PLUMBING SYSTEMS (May be packaged with BI item scope, DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 17,881
ATC	14	PS001	DOMESTIC WATER PIPING NEEDS TO BE INSULATED OFF THE WATER HEATER, WATER HEATER LOOKS NEW BUT ALREADY SHOWS SIGNS OF PHYSICAL DAMAGE	UUU24	2012	10	LF	15	14	1	$50.00	$ 500	$ 577
ATC	INTERIOR-BUILDING WIDE	PS002	DUCT CLEANING	UUU25	2010	23,068	SF	5	16	-11	$0.65	$ 14,994	$ 17,304
			MECHANICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 483,551
ATC	105	MS003	ROOM IN OCCUPIED SCHEDULE WITH NO PEOPLE IS 76 DEGREES, THE ROOM IS RUNNING WARM IN COOLING SEASON. 2 TEMPERATURE SENSORS AND 2 THERMOSTAT ONE OF EACH ON EACH SIDE. REMOVE THE ABANDONED SENSORS/THERMOSTATS	110	2025	2	EA	10	1	9	$1,000.00	$ 2,000	$ 2,308
ATC	140	MS005	EXISTING UNIT H&V ONLY IS PASSED LIFE EXPECTANCY. UNIT IS OUTDATED AND PARTS WILL BE HARD TO FIND. AVERAGE TEMPERATURE AFTERCLASS WAS IN SESSION IS 78 F.	550	2010	1	EA	20	16	4	$8,000.00	$ 8,000	$ 9,232
ATC	1004	MS007	CABINET UNIT HEATER REPLACEMENT, VAV/CAV BOX MAINTENANCE/REPLACEMENTS	W06	2010	1	EA	15	16	-1	$4,000.00	$ 4,000	$ 4,616

EXHIBIT A

SCHOOLCRAFT COLLEGE; ACADEMY TRAINING CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
ATC	EXTERIOR-ROOF	MS008	MAIN JCI ROOFTOP UNIT CONDENSER, MAIN JCI ROOFTOP UNIT, SPLIT-SYSTEM DX A/C UNIT REPLACEMENT, PACKAGED SMALL ROOFTOP AIR HANDLING UNIT REPLACEMENTS, EXHAUST AIR FAN MAINTENANCE/REPLACEMENT	SSS08	2010	9	EA	20	16	4	$45,000.00	$ 405,000	$ 467,394
			ELECTRICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 350,257
ATC	10	ES001	REPLACE STORAGE AND UTILITY ROOM LIGHTING	Y04	2010	1	EA	20	16	4	$250.00	$ 250	$ 289
ATC	11	ES002	LIGHTING AND RECPTACLE PANELBOARDS	X01	1989	1	EA	20	37	-17	$5,000.00	$ 5,000	$ 5,770
ATC	11	ES003	REPLACE STORAGE AND UTILITY ROOM LIGHTING	X01	2010	1	EA	20	16	4	$250.00	$ 250	$ 289
ATC	12	ES004	REPLACE STORAGE AND UTILITY ROOM LIGHTING	780	2010	1	EA	20	16	4	$250.00	$ 250	$ 289
ATC	13	ES005	REPLACE MENS & WOMENS TOILET ROOM LIGHTING	X03	2012	5	EA	20	14	6	$250.00	$ 1,250	$ 1,443
ATC	13B	ES006	REPLACE WOMENS SHOWER ROOM LIGHTING	555	2012	5	EA	20	14	6	$250.00	$ 1,250	$ 1,443
ATC	13C	ES007	REPLACE WOMENS LOCKER ROOM LIGHTING	555	2012	2	EA	20	14	6	$250.00	$ 500	$ 577
ATC	13D	ES008	REPLACE WOMENS LOCKER ROOM LIGHTING	555	2012	1	EA	20	14	6	$250.00	$ 250	$ 289
ATC	14	ES009	REPLACE STORAGE AND UTILITY ROOM LIGHTING	780	2010	1	EA	20	14	6	$250.00	$ 250	$ 289
ATC	15	ES010	REPLACE MENS TOILET ROOM LIGHTING	X03	2012	4	EA	20	14	6	$250.00	$ 1,000	$ 1,154
ATC	15A	ES011	REPLACE MENS SHOWER ROOM LIGHTING	555	2012	1	EA	20	14	6	$250.00	$ 250	$ 289
ATC	15B	ES012	REPLACE MENS SHOWER ROOM LIGHTING	555	2012	6	EA	20	14	6	$250.00	$ 1,500	$ 1,731
ATC	15C	ES013	REPLACE MENS LOCKER ROOM LIGHTING	555	2012	4	EA	20	14	6	$250.00	$ 1,000	$ 1,154
ATC	15D	ES014	REPLACE MENS & WOMENS LOCKER ROOM LIGHTING	555	2012	2	EA	20	14	6	$250.00	$ 500	$ 577
ATC	16	ES015	REPLACE FLOUOR. LIGHTING - UTILITY (WATER SERVICE) ROOM	Y04	2012	5	EA	20	14	6	$250.00	$ 1,250	$ 1,443
ATC	17	ES016	UPDATE MAIN SWITCHBOARD	Y04	1989	1	EA	20	37	-17	$25,000.00	$ 25,000	$ 28,851
ATC	17	ES017	UPDATE ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	1989	1	EA	20	37	-17	$25,000.00	$ 25,000	$ 28,851
ATC	17	ES018	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS	Y04	1989	2	EA	20	37	-17	$5,000.00	$ 10,000	$ 11,541
ATC	110	ES019	REPLACE TRAINING MAZE HIGH BAY FLUOR. CHAIN HUNG LIGHTING	550	2010	8	EA	20	16	4	$250.00	$ 2,000	$ 2,308
ATC	112	ES020	REPLACE STORAGE AND UTILITY ROOM LIGHTING	550	2012	2	EA	20	14	6	$250.00	$ 500	$ 577
ATC	115	ES021	REPLACE CLASSROOM LIGHTING	550	2012	9	EA	20	14	6	$250.00	$ 2,250	$ 2,597
ATC	115A	ES022	REPLACE STORAGE AND UTILITY ROOM LIGHTING	555	2012	1	EA	20	14	6	$250.00	$ 250	$ 289
ATC	118	ES023	REPLACE WEIGHT ROOM LIGHTING	110	2012	6	EA	20	14	6	$250.00	$ 1,500	$ 1,731
ATC	120	ES024	REPLACE BREAK ROOM LIGHTING	630	2012	2	EA	20	14	6	$250.00	$ 500	$ 577
ATC	140	ES025	EXIT LIGHTING	550	2010	2	EA	20	16	4	$250.00	$ 500	$ 577
ATC	140	ES026	REPLACE HIGH BAY FLUOR. CHAIN HUNG LIGHTING	550	2010	13	EA	20	16	4	$250.00	$ 3,250	$ 3,751
ATC	140	ES027	REPLACE / ADD ADDITIONAL WALL MOUNTED EBU (NOTE CODE COPLIANT)	550	2010	3	EA	20	16	4	$250.00	$ 750	$ 866
ATC	501	ES028	EXIT LIGHTING	310	2012	1	EA	20	14	6	$250.00	$ 250	$ 289
ATC	501	ES029	REPLACE OFFICE LIGHTING	310	2012	3	EA	20	14	6	$250.00	$ 750	$ 866
ATC	502	ES030	REPLACE OFFICE LIGHTING	310	2012	1	EA	20	14	6	$250.00	$ 250	$ 289
ATC	503	ES031	REPLACE OFFICE LIGHTING	310	2012	1	EA	20	14	6	$250.00	$ 250	$ 289
ATC	504	ES032	REPLACE OFFICE LIGHTING	310	2012	1	EA	20	14	6	$250.00	$ 250	$ 289
ATC	505	ES033	REPLACE OFFICE LIGHTING	310	2012	1	EA	20	14	6	$250.00	$ 250	$ 289
ATC	506	ES034	REPLACE OFFICE LIGHTING	310	2012	1	EA	20	14	6	$250.00	$ 250	$ 289
ATC	507	ES035	REPLACE OFFICE LIGHTING	310	2012	2	EA	20	14	6	$250.00	$ 500	$ 577
ATC	508	ES036	EXIT LIGHTING	310	2012	2	EA	20	14	6	$250.00	$ 500	$ 577
ATC	508	ES037	REPLACE OFFICE LIGHTING	310	2012	6	EA	20	14	6	$250.00	$ 1,500	$ 1,731
ATC	1001	ES038	REPLACE EBU'S INTEGRALL TO GENERAL AREA LIGHTING FIXTURES	W06	2012	1	EA	20	14	6	$250.00	$ 250	$ 289
ATC	1001	ES039	EXIT LIGHTING	W06	2012	1	EA	20	14	6	$250.00	$ 250	$ 289
ATC	1002	ES040	EXIT LIGHTING	W06	2012	2	EA	20	14	6	$250.00	$ 500	$ 577
ATC	1002	ES041	REPLACE EBU'S INTEGRALL TO GENERAL AREA LIGHTING FIXTURES	W06	2012	1	EA	20	14	6	$250.00	$ 250	$ 289
ATC	1002	ES042	REPLACE FLOUOR. CORRIDOR LIGHTING	W06	2012	3	EA	20	14	6	$250.00	$ 750	$ 866
ATC	1004	ES043	EXIT LIGHTING	W06	2012	1	EA	20	14	6	$250.00	$ 250	$ 289
ATC	1004	ES044	REPLACE EBU'S INTEGRALL TO GENERAL AREA LIGHTING FIXTURES	W06	2012	1	EA	20	14	6	$250.00	$ 250	$ 289
ATC	EXTERIOR	ES045	REPLACE EXTERIOR BUILDING LIGHTING	UUU10	2012	13	EA	20	14	6	$15,000.00	$ 195,000	$ 225,042
ATC	EXTERIOR-POLE MOUNTED	ES046	BUILDING SERVICE TRANSFORMER (DTE)	UUU03	1989	1	LS	20	37	-17	$15,000.00	$ 15,000	$ 17,311

EXHIBIT A

SCHOOLCRAFT COLLEGE; ACADEMY TRAINING CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
BUILDING SYSTEMS (Fire, security, IT/media infrastructure. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)													$ 249,780
ATC	17	BS001	FIRE ALARM SYSTEM MAIN & REMOTE PANELS (MEET CODE)	Y04	2012	1	LS	20	14	6	$106,436.00	$ 106,436	$ 122,834
ATC	INTERIOR-BUILDING WIDE	BS002	IT SYSTEM (COST TBD)	UUU14	2012	1	LS	20	14	6	$25,000.00	$ 25,000	$ 28,851
ATC	INTERIOR-BUILDING WIDE	BS003	FIRE ALARM DEVICES (MEET CODE)	UUU07	2012	1	LS	20	14	6	$50,000.00	$ 50,000	$ 57,703
ATC	INTERIOR-BUILDING WIDE	BS004	PRIMAX CLOCK SYSTEM	UUU25	2012	1	LS	20	14	6	$35,000.00	$ 35,000	$ 40,392
SPECIALTY EQUIPMENT (Food service, theatre, labs, shops. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)													$ -
ATC										0	$0.00	$ -	$ -
ACCESSIBILITY IMPROVEMENTS (Building codes & ADA standards for accessible design. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)													$ -
ATC										0	$0.00	$ -	$ -
ANNUAL FUNDING REQUIREMENTS (ROUNDED):													$ 1,207,239

EVALUATION DATE: 10/19/2026

SCHOOLCRAFT COLLEGE; BIOTECHNOLOGY CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

SCHEDULED MAINTENANCE PROGRAM - CURRENT YEAR:	2026

BUILDING SECTION (BUILDING TYPE)	BUILDING AGE (YRS)	BUILDING AREA (GSF)
BIOTECHNOLOGY CENTER	2007	50,128

MAINTENANCE BACKLOG VALUE FOR BUILDING:	$ 1,986,281	- YEAR: 2027
REPLACEMENT VALUE FOR THE BUILDING:	$ 22,750,000	
FACILITY CONDITION INDEX (FCI):	9%	

PV OF TOTAL ANNUAL RESERVES:	$ 1,900,748	- YEAR: 2027

FCI	BUILDING CONDITION
FCI < 10%	GOOD
10%< FCI< 30%	FAIR
30% < FCI	POOR (NEEDS ATTENTION)
ABOVE 60%	CONSIDER REPLACEMENT

SOURCE: OpenGov

INFLATION RATE (%):	YEAR
2.4%	2024
3.7%	2025
4.0%	2026
4.5%	2027
4.0%	2028
4.0%	2029
4.0%	2030
4.0%	2031
4.0%	2032
4.0%	2033

ITEM NO. CODES
AI: ACCESSIBILITY IMPROVEMENT
BE: BUILDING EXTERIOR
BI: BUILDING INTERIOR
BS: BUILDING SYSTEM
ES: ELECTRICAL SYSTEM
MS: MECHANICAL SYSTEM
PS: PLUMBING SYSTEM
SG: SITE GROUNDS
SE: SPECIALTY EQUIPMENT

LEGEND
AVG: AVERAGE
CF: CUBIC FEET
CY: CUBIC YARDS
EA: EACH
EUL: ESTIMATED USEFUL LIFE
GSF: GROSS SQUARE FEET
LOC: LOCATION (SITE/BLDG)
PV: PRESENT VALUE
RUL: ESTIMATED USEFUL LIFE
SF: SQUARE FEET
SY: SQUARE YARDS
YRS: YEARS

REMAINING USEFUL LIFE (RUL) BAROMETER
- RUL = 1 YEAR OR LESS
- RUL = 2 YEARS TO 9 YEARS
- RUL = 10 YEARS OR GREATER

(11 YEARS OR GREATER NOT FACTORED INTO FCI)

ITEM NO.
Picture(s) associated with blue & underlined item no.

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			BUILDING ENVELOPE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 61,973
BTC	145	BE002	PAVEMENT REPAIRS AT EXTERIOR BREAKOUT AREAS	110	2007	200	SF	20	19	1	$75.00	$ 15,000	$ 17,311
BTC	300	BE004, BE004A	PAVEMENT REPAIRS AT EXTERIOR BREAKOUT AREAS	110	2007	200	SF	20	19	1	$75.00	$ 15,000	$ 17,311
BTC	370	BE006	PAVEMENT REPAIRS AT EXTERIOR BREAKOUT AREAS	110	2007	200	SF	20	19	1	$75.00	$ 15,000	$ 17,311
BTC	EXTERIOR-FAÇADE	BE010, BE010A	CLEAN ALL PRECAST CONC PANELS	MMM16	2007	2,400	SF	5	19	-14	$3.00	$ 7,200	$ 8,309
BTC	EXTERIOR-SOUTH	BE015	CLEAN ALL ALUM LOUVERS AND WINDOWS	MMM16	2007	100	LF	5	19	-14	$15.00	$ 1,500	$ 1,731
			BUILDING INTERIOR (DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
BTC										0	$0.00	$ -	$ -
			PLUMBING SYSTEMS (May be packaged with BI item scope, DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
BTC										0	$0.00	$ -	$ -
			MECHANICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 349,103
BTC	20	MS001	CHILLER MAINTENANCE/REPLACEMENT/INDOOR UNIT	Y04	2007	1	EA	20	19	1	$75,000.00	$ 75,000	$ 86,554
BTC	25	MS003	VAV BOX MAINTENANCE/REPLACEMENTS	Y04	2007	1	EA	20	19	1	$10,000.00	$ 10,000	$ 11,541
BTC	30	MS004	REPLACE TOILET ROOM EXHAUST FAN EF-1	X01	2007	1	EA	15	19	-4	$1,500.00	$ 1,500	$ 1,731
BTC	30	MS005	AIR HANDLING UNIT REPLACEMENTS AH-1	X01	2007	1	EA	20	19	1	$75,000.00	$ 75,000	$ 86,554
BTC	210	MS006	LABORATORY EXHAUST FAN MAINTENANCE/REPLACEMENTS	210	2007	1	EA	20	19	1	$35,000.00	$ 35,000	$ 40,392
BTC	210	MS007	LABORATORY AIRFLOW TERMINAL UNIT MAINTENANCE/REPLACEMENTS	210	2007	1	EA	20	19	1	$35,000.00	$ 35,000	$ 40,392
BTC	215	MS008	LABORATORY AIRFLOW TERMINAL UNIT MAINTENANCE/REPLACEMENTS	110	2007	1	EA	20	19	1	$35,000.00	$ 35,000	$ 40,392
BTC	INTERIOR-BUILDING WIDE	MS012	DUCT CLEANING	UUU25	2007	40,000	SF	5	19	-14	$0.50	$ 20,000	$ 23,081
BTC	INTERIOR-BUILDING WIDE	MS013	VAV BOX MAINTENANCE/REPLACEMENTS	UUU25	2007	2	EA	15	19	-4	$8,000.00	$ 16,000	$ 18,465
			ELECTRICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 1,451,865
BTC	10	ES001	REPLACE MECHANICAL, ELECTRICAL ROOM FLUOR. LIGHTING	Y04	2007	4	EA	20	19	1	$250.00	$ 1,000	$ 1,154
BTC	11	ES002	REPLACE CUSTODIAL ROOM FLUOR. LIGHTING	X01	2007	2	EA	20	19	1	$250.00	$ 500	$ 577
BTC	12	ES003	REPLACE RECESSED LINIEAL TOILET ROOM LIGHTING	X03	2007	36	EA	20	19	1	$250.00	$ 9,000	$ 10,387
BTC	13	ES004	REPLACE RECESSED LINIEAL TOILET ROOM LIGHTING	X03	2007	36	EA	20	19	1	$250.00	$ 9,000	$ 10,387
BTC	20	ES005	ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	2007	1	EA	20	19	1	$25,000.00	$ 25,000	$ 28,851
BTC	20	ES006	LIGHTING AND RECEPTACLE PANELBOARDS	Y04	2007	1	EA	20	19	1	$5,000.00	$ 5,000	$ 5,770
BTC	20	ES007	REPLACE MECHANICAL, ELECTRICAL ROOM FLUOR. LIGHTING	Y04	2007	4	EA	20	19	1	$250.00	$ 1,000	$ 1,154
BTC	22	ES008	ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	2007	1	EA	20	19	1	$25,000.00	$ 25,000	$ 28,851
BTC	22	ES009	REPLACE MECHANICAL, ELECTRICAL ROOM FLUOR. LIGHTING	Y04	2007	4	EA	20	19	1	$250.00	$ 1,000	$ 1,154

SCHOOLCRAFT COLLEGE; BIOTECHNOLOGY CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

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BTC	23	ES010	REPLACE MECHANICAL, ELECTRICAL ROOM FLUOR. LIGHTING	Y04	2007	4	EA	20	19	1	$250.00	$ 1,000	$ 1,154
BTC	24	ES011	MAIN SWITCHBOARD	Y04	2007	1	EA	20	19	1	$25,000.00	$ 25,000	$ 28,851
BTC	24	ES012	ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	2007	1	EA	20	19	1	$25,000.00	$ 25,000	$ 28,851
BTC	24	ES013	LIGHTING AND RECEPTACLE PANELBOARDS	Y04	2007	1	EA	20	19	1	$5,000.00	$ 5,000	$ 5,770
BTC	24	ES014	REPLACE MECHANICAL, ELECTRICAL ROOM FLUOR. LIGHTING	Y04	2007	4	EA	20	19	1	$250.00	$ 1,000	$ 1,154
BTC	25	ES015	LIFE SAFETY AUTOMATIC TRANSFER SWITCH (ATS-E)	Y04	2007	1	EA	20	19	1	$10,000.00	$ 10,000	$ 11,541
BTC	25	ES016	STANDBY POWER SYSTEMS AUTOMATIC TRANSFER SWITCH (ATS-NE)	Y04	2007	1	EA	20	19	1	$10,000.00	$ 10,000	$ 11,541
BTC	25	ES017	ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	2007	1	EA	20	19	1	$25,000.00	$ 25,000	$ 28,851
BTC	25	ES018	LIGHTING AND RECEPTACLE PANELBOARDS	Y04	2007	1	EA	20	19	1	$5,000.00	$ 5,000	$ 5,770
BTC	25	ES019	REPLACE MECHANICAL, ELECTRICAL ROOM FLUOR. LIGHTING	Y04	2007	4	EA	20	19	1	$250.00	$ 1,000	$ 1,154
BTC	26	ES020	REPLACE CUSTODIAL ROOM FLUOR. LIGHTING	115	2007	2	EA	20	19	1	$250.00	$ 500	$ 577
BTC	30	ES021	REPLACE CUSTODIAL ROOM FLUOR. LIGHTING	X01	2007	2	EA	20	19	1	$250.00	$ 500	$ 577
BTC	31	ES022	REPLACE MECHANICAL, ELECTRICAL ROOM FLUOR. LIGHTING	Y04	2007	4	EA	20	19	1	$250.00	$ 1,000	$ 1,154
BTC	32	ES023	ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	2007	1	EA	20	19	1	$25,000.00	$ 25,000	$ 28,851
BTC	32	ES024	LIGHTING AND RECEPTACLE PANELBOARDS	Y04	2007	1	EA	20	19	1	$5,000.00	$ 5,000	$ 5,770
BTC	32	ES025	REPLACE MECHANICAL, ELECTRICAL ROOM FLUOR. LIGHTING	Y04	2007	4	EA	20	19	1	$250.00	$ 1,000	$ 1,154
BTC	33	ES026	REPLACE RECESSED LINIEAL TOILET ROOM LIGHTING	X03	2007	36	EA	20	19	1	$250.00	$ 9,000	$ 10,387
BTC	34	ES027	REPLACE RECESSED LINIEAL TOILET ROOM LIGHTING	X03	2007	36	EA	20	19	1	$250.00	$ 9,000	$ 10,387
BTC	42	ES028	REPLACE FLEX AREA RECESSED FLUOR. DOWN LIGHTING	W05	2007	8	EA	20	19	1	$250.00	$ 2,000	$ 2,308
BTC	100	ES029	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	110	2007	15	EA	20	19	1	$250.00	$ 3,750	$ 4,328
BTC	110	ES030	REPLACE TEAM ROOM FLUOR. LIGHTING	780	2007	4	EA	20	19	1	$250.00	$ 1,000	$ 1,154
BTC	120	ES031	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	220	2007	15	EA	20	19	1	$250.00	$ 3,750	$ 4,328
BTC	135	ES032	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	210	2007	24	EA	20	19	1	$250.00	$ 6,000	$ 6,924
BTC	135A	ES033	REPLACE PREP ROOM FLOUR. LIGHTING	215	2007	3	EA	20	19	1	$25,000.00	$ 75,000	$ 86,554
BTC	135B	ES034	REPLACE CADAVER ROOM FLOUR. LIGHTING	215	2007	3	EA	20	19	1	$25,000.00	$ 75,000	$ 86,554
BTC	140	ES035	REPLACE PREP ROOM FLOUR. LIGHTING	220	2007	2	EA	20	19	1	$400.00	$ 800	$ 923
BTC	145	ES036	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	110	2007	18	EA	20	19	1	$250.00	$ 4,500	$ 5,193
BTC	155	ES038	REPLACE FLEX AREA DIR/INDIR FLUOR. LIGHTING	615	2007	14	EA	20	19	1	$250.00	$ 3,500	$ 4,039
BTC	155	ES039	REPLACE FLEX AREA DECORATIVE PENDANT HUNG FLUOR. LIGHTING	615	2007	9	EA	20	19	1	$250.00	$ 2,250	$ 2,597
BTC	160	ES040	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	110	2007	18	EA	20	19	1	$250.00	$ 4,500	$ 5,193
BTC	167	ES042	REPLACE PREP ROOM FLOUR. LIGHTING	410	2007	1	EA	20	19	1	$250.00	$ 250	$ 289
BTC	169	ES043	REPLACE PREP ROOM FLOUR. LIGHTING	410	2007	1	EA	20	19	1	$250.00	$ 250	$ 289
BTC	170	ES044	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	110	2007	18	EA	20	19	1	$250.00	$ 4,500	$ 5,193
BTC	171	ES045	REPLACE PREP ROOM FLOUR. LIGHTING	410	2007	1	EA	20	19	1	$5,000.00	$ 5,000	$ 5,770
BTC	175	ES046	REPLACE DIR/INDIR FLUOR. CLASS ROOM LIGHTING	210	2007	24	EA	20	19	1	$250.00	$ 6,000	$ 6,924
BTC	175A	ES047	REPLACE PREP ROOM FLOUR. LIGHTING	215	2007	3	EA	20	19	1	$250.00	$ 750	$ 866
BTC	200	ES048	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	110	2007	18	EA	20	19	1	$250.00	$ 4,500	$ 5,193
BTC	210	ES049	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	210	2007	32	EA	20	19	1	$250.00	$ 8,000	$ 9,232
BTC	210A	ES050	REPLACE DIR/INDIR FLUOR. PREP ROOM LIGHTING	215	2007	6	EA	20	19	1	$250.00	$ 1,500	$ 1,731
BTC	300	ES051	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	110	2007	18	EA	20	19	1	$250.00	$ 4,500	$ 5,193
BTC	310	ES052	REPLACE FLEX AREA DIR/INDIR FLUOR. LIGHTING	650	2007	15	EA	20	19	1	$250.00	$ 3,750	$ 4,328
BTC	310	ES053	REPLACE FLEX AREA DECORATIVE PENDANT HUNG FLUOR. LIGHTING	650	2007	11	EA	20	19	1	$250.00	$ 2,750	$ 3,174
BTC	320	ES054	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	110	2007	18	EA	20	19	1	$250.00	$ 4,500	$ 5,193
BTC	330	ES055	REPLACE PREP ROOM FLOUR. LIGHTING	410	2007	2	EA	20	19	1	$5,000.00	$ 10,000	$ 11,541
BTC	332	ES056	REPLACE PREP ROOM FLOUR. LIGHTING	410	2007	1	EA	20	19	1	$5,000.00	$ 5,000	$ 5,770
BTC	334	ES057	REPLACE PREP ROOM FLOUR. LIGHTING	410	2007	1	EA	20	19	1	$25,000.00	$ 25,000	$ 28,851

SCHOOLCRAFT COLLEGE; BIOTECHNOLOGY CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

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BTC	336	ES058	REPLACE PREP ROOM FLOUR. LIGHTING	410	2007	1	EA	20	19	1	$25,000.00	$ 25,000	$ 28,851
BTC	340	ES059	REPLACE PREP ROOM FLOUR. LIGHTING	410	2007	2	EA	20	19	1	$25,000.00	$ 50,000	$ 57,703
BTC	350	ES060	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	110	2007	18	EA	20	19	1	$250.00	$ 4,500	$ 5,193
BTC	360	ES061	REPLACE FLEX AREA DIR/INDIR FLUOR. LIGHTING	650	2007	15	EA	20	19	1	$250.00	$ 3,750	$ 4,328
BTC	360	ES062	REPLACE FLEX AREA DECORATIVE PENDANT HUNG FLUOR. LIGHTING	650	2007	9	EA	20	19	1	$250.00	$ 2,250	$ 2,597
BTC	370	ES063	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	110	2007	18	EA	20	19	1	$250.00	$ 4,500	$ 5,193
BTC	380	ES064	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	210	2007	24	EA	20	19	1	$250.00	$ 6,000	$ 6,924
BTC	380A	ES065	REPLACE PREP ROOM FLOUR. LIGHTING	215	2007	3	EA	20	19	1	$250.00	$ 750	$ 866
BTC	390	ES066	REPLACE PREP ROOM FLOUR. LIGHTING	410	2007	2	EA	20	19	1	$250.00	$ 500	$ 577
BTC	500	ES067	RELACE DIR/INDIR OFFICE AREA FLUOR. LIGHTING	310	2007	61	EA	20	19	1	$250.00	$ 15,250	$ 17,599
BTC	1000	ES068	RELACE CORRIDOR LAYIN FLUOR LIGHTING	W06	2007	8	EA	20	19	1	$250.00	$ 2,000	$ 2,308
BTC	2000	ES072	ADD DAYLIGHT HARVESTING SENSORS	W06	2007	2,300	SF	20	19	1	$250.00	$ 575,000	$ 663,584
BTC	3000	ES073	REPLACE CATHERING AREA AND CORR. FLUOR. LIGHTING	W06	2007	16	SF	20	19	1	$250.00	$ 4,000	$ 4,616
BTC	3001	ES074	REPLACE CORRIDOR LAYIN FLUOR LIGHTING	W06	2007	15	EA	20	19	1	$250.00	$ 3,750	$ 4,328
BTC	EXTERIOR	ES075, ES075A, ES075B	EXTERIOR BUILDING LIGHTING	UUU04	2007	20	EA	20	19	1	$250.00	$ 5,000	$ 5,770
BTC	EXTERIOR	ES076	SERVICE TRANSFORMER	UUU04	2007	1	EA	20	19	1	$15,000.00	$ 15,000	$ 17,311
BTC	EXTERIOR	ES077	STANDBY GENERATOR	UUU04	2007	1	EA	20	19	1	$30,000.00	$ 30,000	$ 34,622
BTC	INTERIOR-BUILDING WIDE	ES078	EXIT LIGHTING	UUU04	2007	20	EA	20	19	1	$250.00	$ 5,000	$ 5,770
BTC	INTERIOR-BUILDING WIDE	ES079	REPLACE FLUOR. LOBBY / VESTIBULE LIGHTING	UUU04	2007	8	EA	20	19	1	$250.00	$ 2,000	$ 2,308
			BUILDING SYSTEMS (Fire, security, IT/media infrastructure. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 122,907
BTC	10	BS001	IT SYSTEMS	Y04	2007	1	EA	20	19	1	$12,000.00	$ 12,000	$ 13,849
BTC	23	BS002	BOILER ROOM EPO SYSTEM	Y04	2007	1	EA	20	19	1	$7,500.00	$ 7,500	$ 8,655
BTC	31	BS003	IT SYSTEMS	Y04	2007	1	EA	20	19	1	$12,000.00	$ 12,000	$ 13,849
BTC	INTERIOR-BUILDING WIDE	BS004	PRIMAX CLOCK SYSTEM	UUU25	2007	1	EA	20	19	1	$75,000.00	$ 75,000	$ 86,554
			SPECIALTY EQUIPMENT (Food service, theatre, labs, shops. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
BTC										0	$0.00	$ -	$ -
			ACCESSIBILITY IMPROVEMENTS (Building codes & ADA standards for accessible design. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 433
BTC	INTERIOR	AI001	DISPLAY CASE IMPROVEMENTS	W06	2012	15	LF	20	14	6	$25.00	$ 375	$ 433
													$ 1,986,281

SCHOOLCRAFT COLLEGE; BRADNER LIBRARY - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

SCHEDULED MAINTENANCE PROGRAM - CURRENT YEAR:	2026

BUILDING SECTION (BUILDING TYPE)	BUILDING AGE (YRS)	BUILDING AREA (GSF)
BRADNER LIBRARY - TOTAL (LIBRARY)		24,254
BRADNER LIBRARY - ORIGINAL	1963	22,011
FLOOR AREA INCREASE AT NORTH END	2005	2,243

MAINTENANCE BACKLOG VALUE FOR BUILDING:	$ 2,450,538	- YEAR: 2027
REPLACEMENT VALUE FOR THE BUILDING:	$ 12,131,000	
FACILITY CONDITION INDEX (FCI):	20%	

PV OF TOTAL ANNUAL RESERVES:	$ 2,345,012	- YEAR: 2027

FCI	BUILDING CONDITION
FCI < 10%	GOOD
10%< FCI< 30%	FAIR
30% < FCI	POOR (NEEDS ATTENTION)
ABOVE 60%	CONSIDER REPLACEMENT

SOURCE: OpenGov

INFLATION RATE (%):	YEAR
2.4%	2024
3.7%	2025
4.0%	2026
4.5%	2027
4.0%	2028
4.0%	2029
4.0%	2030
4.0%	2031
4.0%	2032
4.0%	2033

ITEM NO. CODES
AI: ACCESSIBILITY IMPROVEMENT
BE: BUILDING EXTERIOR
BI: BUILDING INTERIOR
BS: BUILDING SYSTEM
ES: ELECTRICAL SYSTEM
MS: MECHANICAL SYSTEM
PS: PLUMBING SYSTEM
SG: SITE GROUNDS
SE: SPECIALTY EQUIPMENT

LEGEND
AVG: AVERAGE
CF: CUBIC FEET
CY: CUBIC YARDS
EA: EACH
EUL: ESTIMATED USEFUL LIFE
GSF: GROSS SQUARE FEET
LOC: LOCATION (SITE/BLDG)
PV: PRESENT VALUE
RUL: ESTIMATED USEFUL LIFE
SF: SQUARE FEET
SY: SQUARE YARDS
YRS: YEARS

REMAINING USEFUL LIFE (RUL) BAROMETER
- RUL = 1 YEAR OR LESS
- RUL = 2 YEARS TO 9 YEARS
- RUL = 10 YEARS OR GREATER

(11 YEARS OR GREATER NOT FACTORED INTO FCI)

ITEM NO.
Picture(s) associated with blue & underlined item no.

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			BUILDING ENVELOPE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 1,515,781
L	EXTERIOR-ALL ELEVATIONS	BE002	RECAULK ALL BRICK CONTROL JOINTS	MMM16	1963	192	LF	15	63	-48	$7.00	$ 1,344	$ 1,551
L	EXTERIOR-ALL ELEVATIONS	BE003	BRICK IS SPALLING FROM DE-ICING SALTS	MMM16	1963	102	SF	40	63	-23	$45.00	$ 4,590	$ 5,297
L	EXTERIOR-WEST ELEVATIONS	BE004	HANDICAP RAMP IS NOT TO CODE FOR HANDRAILS	SSS13	1963	1	EA	0	63	-63	$15,000.00	$ 15,000	$ 17,311
L	EXTERIOR-ROOF	BE006	ROOF MEMBRANE APPEARS TO BE REACHING NEAR END OF LIFE AND SHOULD BE REPLACED	MMM16	*1997*	11,250	SF	25	29	-4	$50.00	$ 562,500	$ 649,159
L	EXTERIOR-ROOF	BE009	REROOFING OF VALLEYS (ADHERED, REINF, EPDM)	MMM16	1997	3,850	SF	25	29	-4	$50.00	$ 192,500	$ 222,157
L	EXTERIOR-ROOF	BE010	REROOFING OF FLAT ROOF AREA (WHITE, SINGLE-PLY MEMBRANE)	MMM16	1994	8,500	SF	25	32	-7	$50.00	$ 425,000	$ 490,475
L	EXTERIOR-ROOF	BE012	NORTH END SECTION REROOFING	MMM16	2005	2,250	SF	25	21	4	$50.00	$ 112,500	$ 129,832
			BUILDING INTERIOR (DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 22,273
L	110	BI003	CLEAN ALL RETURN AIR GRILLES	110	2005	400	SF	5	21	-16	$0.50	$ 200	$ 231
L	112	BI006	COUNTER IS DAMAGED AND NEEDS NEW PLASTIC LAMINATE	410	2005	10	SF	20	21	-1	$300.00	$ 3,000	$ 3,462
L	120	BI007	REPLACE FRAYED AND WORN CARPET	440	2005	1,500	SF	20	21	-1	$7.00	$ 10,500	$ 12,118
L	160	BI009, BI009A, BI009B	CARPET IS STAINED AND NEEDS REPLACING	535	2005	400	SF	20	21	-1	$7.00	$ 2,800	$ 3,231
L	168	BI010	CARPET IS STAINED AND NEEDS REPLACING	535	2005	400	SF	20	21	-1	$7.00	$ 2,800	$ 3,231
			PLUMBING SYSTEMS (May be packaged with BI item scope, DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 51,933
L	10	PS001	PLUMBING FIXTURE REPLACEMENTS, FAUCETS, FLUSH VALVES, & TMV'S	X03	2005	6	EA	20	21	-1	$2,500.00	$ 15,000	$ 17,311
L	10	PS002	PLUMBING FIXTURE REPLACEMENTS, SINKS, TOILETS AND URINALS	X03	2005	6	EA	20	21	-1	$2,500.00	$ 15,000	$ 17,311
L	20	PS003	PLUMBING FIXTURE REPLACEMENTS, FAUCETS, FLUSH VALVES, & TMV'S	X03	2005	6	EA	15	21	-6	$2,500.00	$ 15,000	$ 17,311
			MECHANICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 477,971
L	31	MS001	STEAM HUMIDIFIER REPLACEMENT	Y04	2005	1	EA	15	21	-6	$50,000.00	$ 50,000	$ 57,703
L	31	MS002	BOILER REPLACEMENT	Y04	2005	2	EA	25	21	4	$150,000.00	$ 300,000	$ 346,218
L	112	MS004	INSTALL COVER PLATE OVER EXISTING RUNTAL PIPE CONNECTIONS	410	2005	1	EA	15	21	-6	$750.00	$ 750	$ 866
L	116	MS005	INSTALL COVER PLATE OVER EXISTING RUNTAL PIPE CONNECTIONS	410	2005	1	EA	15	21	-6	$750.00	$ 750	$ 866
L	145	MS006	RETURN AIR FAN REPLACEMENT	440	*1963*	1	EA	25	63	-38	$3,500.00	$ 3,500	$ 4,039
L	162	MS007	SPLIT SYSTEM A/C UNIT REPLACEMENT	530	2011	1	EA	15	15	0	$20,000.00	$ 20,000	$ 23,081
L	VEST-NE	MS008	CABINET UNIT HEATER REPLACEMENTS	W06	2005	1	EA	25	21	4	$7,500.00	$ 7,500	$ 8,655
L	VEST-NW	MS009	CABINET UNIT HEATER REPLACEMENTS	W06	2005	1	EA	25	21	4	$7,500.00	$ 7,500	$ 8,655
L	VEST-SW	MS010	CABINET UNIT HEATER REPLACEMENTS	W06	2005	1	EA	25	21	4	$7,500.00	$ 7,500	$ 8,655
L	EXTERIOR-ROOF	MS011	INCREASE BOILER AND WATER HEATER STACK HEIGHT TO MEET CODE	UUU22	2005	10	LS	25	21	4	$90.00	$ 900	$ 1,039
L	INTERIOR-BUILDING WIDE	MS012	HVAC SYSTEM CLEANING	UUU25	2005	24,254	SF	5	21	-16	$0.65	$ 15,765	$ 18,194
			ELECTRICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 244,092
L	10	ES001	REPLACE FLUORESCENT LIGHTING	X03	2005	6	EA	20	21	-1	$250.00	$ 1,500	$ 1,731
L	10	ES002	LIGHT FIXTURE LENS FALLING OUT ON CEILING	X03	2005	1	EA	5	21	-16	$7.00	$ 7	$ 8
L	20	ES003	REPLACE FLUORESCENT LIGHTING	X03	2005	6	EA	20	21	-1	$250.00	$ 1,500	$ 1,731
L	31	ES005	REPLACE FLUORESCENT LIGHTING	Y04	2005	4	EA	20	21	-1	$250.00	$ 1,000	$ 1,154
L	40	ES006	REPLACE FLUORESCENT LIGHTING	Y04	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577

EVALUATION DATE: 10/19/2026

SCHOOLCRAFT COLLEGE; BRADNER LIBRARY - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
L	50	ES007	REPLACE FLUORESCENT LIGHTING	310	2005	1	EA	20	21	-1	$250.00	$ 250	$ 289
L	60	ES008	REPLACE FLUORESCENT LIGHTING	X01	2005	1	EA	20	21	-1	$250.00	$ 250	$ 289
L	70	ES009	REPLACE FLUORESCENT LIGHTING	Y04	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577
L	100	ES010	REPLACE FLUORESCENT COVE LIGHTING	430	2005	250	LF	20	21	-1	$250.00	$ 62,500	$ 72,129
L	100	ES011	REPLACE FLUORESCENT TROFFER LIGHTING	430	2005	16	EA	20	21	-1	$250.00	$ 4,000	$ 4,616
L	100	ES012	REPLACE FLUORESCENT LINEAR LIGHITING	430	2005	19	EA	20	21	-1	$250.00	$ 4,750	$ 5,482
L	100	ES013	REPLACE CF DOWNLIGHTS	430	2005	85	EA	20	21	-1	$250.00	$ 21,250	$ 24,524
L	100	ES014	REPLACE DECORATIVE PENDANT LIGHTING	430	2005	18	EA	20	21	-1	$2,000.00	$ 36,000	$ 41,546
L	105	ES015	REPLACE FLUORESCENT LIGHTING	110	2005	12	EA	20	21	-1	$250.00	$ 3,000	$ 3,462
L	106	ES016	REPLACE FLUORESCENT LIGHTING	440	2005	4	EA	20	21	-1	$250.00	$ 1,000	$ 1,154
L	107	ES017	REPLACE FLUORESCENT LIGHTING	440	2005	4	EA	20	21	-1	$250.00	$ 1,000	$ 1,154
L	108	ES018	REPLACE FLUORESCENT LIGHTING	445	2005	4	EA	20	21	-1	$250.00	$ 1,000	$ 1,154
L	110	ES019	REPLACE FLUORESCENT LIGHTING	110	2005	12	EA	20	21	-1	$250.00	$ 3,000	$ 3,462
L	111	ES020	REPLACE FLUORESCENT LIGHTING	410	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577
L	112	ES021	REPLACE FLUORESCENT LIGHTING	410	2005	4	EA	20	21	-1	$250.00	$ 1,000	$ 1,154
L	113	ES022	REPLACE FLUORESCENT LIGHTING	410	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577
L	114	ES023	REPLACE COMPACT FLUORESCENT DOWN LIGHTING AND LIGHTING CONTROLS	650	2005	20	EA	20	21	-1	$250.00	$ 5,000	$ 5,770
L	114	ES024	REPLACE DECORATIVE PENDANT LIGHTING	650	2005	8	EA	20	21	-1	$2,000.00	$ 16,000	$ 18,465
L	115	ES025	REPLACE FLUORESCENT LIGHTING	410	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577
L	116	ES026	REPLACE FLUORESCENT LIGHTING	410	2005	4	EA	20	21	-1	$250.00	$ 1,000	$ 1,154
L	117	ES027	REPLACE FLUORESCENT LIGHTING	410	2005	1	EA	20	21	-1	$250.00	$ 250	$ 289
L	118	ES028	REPLACE FLUORESCENT LIGHTING	660	2005	1	EA	20	21	-1	$250.00	$ 250	$ 289
L	119	ES029	REPLACE FLUORESCENT LIGHTING	440	2005	3	EA	20	21	-1	$250.00	$ 750	$ 866
L	120	ES030	REPLACE FLUORESCENT LIGHTING	440	2005	24	EA	20	21	-1	$250.00	$ 6,000	$ 6,924
L	121	ES031	REPLACE FLUORESCENT LIGHTING	310	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577
L	130	ES032	REPLACE FLUORESCENT LIGHTING	310	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577
L	131	ES033	REPLACE FLUORESCENT LIGHTING	310	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577
L	132	ES034	REPLACE FLUORESCENT LIGHTING	310	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577
L	133	ES035	REPLACE FLUORESCENT LIGHTING	310	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577
L	134	ES036	REPLACE FLUORESCENT LIGHTING	315	2005	3	EA	20	21	-1	$250.00	$ 750	$ 866
L	140	ES037	REPLACE FLUORESCENT LIGHTING	310	2005	4	EA	20	21	-1	$250.00	$ 1,000	$ 1,154
L	141	ES038	REPLACE FLUORESCENT LIGHTING	310	2005	6	EA	20	21	-1	$250.00	$ 1,500	$ 1,731
L	144	ES039	REPLACE FLUORESCENT LIGHTING	440	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577
L	145	ES040	REPLACE FLUORESCENT LIGHTING	440	2005	9	EA	20	21	-1	$250.00	$ 2,250	$ 2,597
L	146	ES041	REPLACE FLUORESCENT LIGHTING	315	2005	6	EA	20	21	-1	$250.00	$ 1,500	$ 1,731
L	147	ES042	REPLACE FLUORESCENT LIGHTING	315	2005	7	EA	20	21	-1	$250.00	$ 1,750	$ 2,020
L	148	ES043	REPLACE FLUORESCENT LIGHTING	315	2005	9	EA	20	21	-1	$250.00	$ 2,250	$ 2,597
L	149	ES044	REPLACE FLUORESCENT LIGHTING	440	2005	3	EA	20	21	-1	$250.00	$ 750	$ 866
L	150	ES045	REPLACE FLUORESCENT LIGHTING	440	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577
L	151	ES046	REPLACE FLUORESCENT LIGHTING	440	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577
L	153	ES047	REPLACE FLUORESCENT LIGHTING	440	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577
L	160	ES048	REPLACE FLUORESCENT LIGHTING	535	2005	8	EA	20	21	-1	$250.00	$ 2,000	$ 2,308
L	161	ES049	REPLACE FLUORESCENT LIGHTING	535	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577
L	162	ES050	REPLACE FLUORESCENT LIGHTING	530	2005	6	EA	20	21	-1	$250.00	$ 1,500	$ 1,731
L	163	ES051	REPLACE FLUORESCENT LIGHTING	535	2005	8	EA	20	21	-1	$250.00	$ 2,000	$ 2,308
L	164	ES052	REPLACE FLUORESCENT LIGHTING	535	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577
L	165	ES053	REPLACE FLUORESCENT LIGHTING	535	2005	6	EA	20	21	-1	$250.00	$ 1,500	$ 1,731
L	166	ES054	REPLACE FLUORESCENT LIGHTING	535	2005	1	EA	20	21	-1	$250.00	$ 250	$ 289
L	167	ES055	REPLACE FLUORESCENT LIGHTING	535	2005	1	EA	20	21	-1	$250.00	$ 250	$ 289
L	168	ES056	REPLACE FLUORESCENT LIGHTING	535	2005	8	EA	20	21	-1	$250.00	$ 2,000	$ 2,308
L	169	ES057	REPLACE FLUORESCENT LIGHTING	535	2005	12	EA	20	21	-1	$250.00	$ 3,000	$ 3,462
L	VEST-NE	ES058	REPLACE FLUORESCENT LIGHTING	W06	2005	1	EA	20	21	-1	$250.00	$ 250	$ 289
L	VEST-NW	ES059	REPLACE FLUORESCENT LIGHTING	W06	2005	1	EA	20	21	-1	$250.00	$ 250	$ 289
L	VEST-SW	ES060	REPLACE FLUORESCENT LIGHTING	W06	2005	1	EA	20	21	-1	$250.00	$ 250	$ 289
L	1000	ES061	REPLACE FLUORESCENT LIGHTING	W06	2005	4	EA	20	21	-1	$250.00	$ 1,000	$ 1,154
L	1100	ES062	REPLACE FLUORESCENT LIGHTING	W06	2005	6	EA	20	21	-1	$250.00	$ 1,500	$ 1,731
L	1200	ES063	REPLACE FLUORESCENT LIGHTING	W06	2005	3	EA	20	21	-1	$250.00	$ 750	$ 866
L	1300	ES064	REPLACE FLUORESCENT LIGHTING	W06	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577
L	1400	ES065	REPLACE FLUORESCENT LIGHTING	W06	2005	2	EA	20	21	-1	$250.00	$ 500	$ 577
L	1500	ES066	REPLACE FLUORESCENT LIGHTING	W06	2005	3	EA	20	21	-1	$250.00	$ 750	$ 866
L	EXTERIOR	ES067	REPLACE EXTERIOR HID LIGHTING	UUU10	*2005*	5	EA	20	21	-1	$250.00	$ 1,250	$ 1,443
			BUILDING SYSTEMS (Fire, security, IT/media infrastructure. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 138,487
L	31	BS001	MAIN SWITCHBOARD, RECEPTACLE, LIGHTING & ELECTRICAL DISTRIBUTION SYSTEM	Y04	2005	1	EA	20	21	-1	$25,000.00	$ 25,000	$ 28,851
L	31	BS002	STANDBY GENERATOR AND TRANSFER SWITCHES	Y04	2005	1	EA	20	21	-1	$30,000.00	$ 30,000	$ 34,622
L	31	BS003	SERVICE TRANFORMER	Y04	2004	1	EA	20	22	-2	$15,000.00	$ 15,000	$ 17,311
L	INTERIOR-BUILDING WIDE	BS004	CLOCK SYSTEM	UUU25	2005	1	EA	20	21	-1	$50,000.00	$ 50,000	$ 57,703
			SPECIALTY EQUIPMENT (Food service, theatre, labs, shops. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
L										0	$0.00	$ -	$ -
			ACCESSIBILITY IMPROVEMENTS (Building codes & ADA standards for accessible design. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
L										0	$0.00	$ -	$ -
												ANNUAL FUNDING REQUIREMENTS (ROUNDED):	$ 2,450,538

SCHOOLCRAFT COLLEGE; ELITE SPORTS CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

SCHEDULED MAINTENANCE PROGRAM - CURRENT YEAR:	2026

BUILDING SECTION (BUILDING TYPE)	BUILDING AGE (YRS)	BUILDING AREA (GSF)
ELITE SPORTS CENTER	2020	75,330

MAINTENANCE BACKLOG VALUE FOR BUILDING:	$ 439	- YEAR: 2027
REPLACEMENT VALUE FOR THE BUILDING:	$ 18,013,259	SPLIT FROM PE 30%
FACILITY CONDITION INDEX (FCI):	0%	

PV OF TOTAL ANNUAL RESERVES:	$ 420	- YEAR: 2027

FCI	BUILDING CONDITION
FCI < 5%	GOOD
5%< FCI< 10%	FAIR
10% < FCI	POOR

INFLATION RATE (%):	YEAR
2.4%	2024
3.7%	2025
4.0%	2026
4.5%	2027
4.0%	2028
4.0%	2029
4.0%	2030
4.0%	2031
4.0%	2032
4.0%	2033

ITEM NO. CODES
AI: ACCESSIBILITY IMPROVEMENT
BE: BUILDING EXTERIOR
BI: BUILDING INTERIOR
BS: BUILDING SYSTEM
ES: ELECTRICAL SYSTEM
MS: MECHANICAL SYSTEM
PS: PLUMBING SYSTEM
SG: SITE GROUNDS
SE: SPECIALTY EQUIPMENT

LEGEND
AVG: AVERAGE
CF: CUBIC FEET
CY: CUBIC YARDS
EA: EACH
EUL: ESTIMATED USEFUL LIFE
GSF: GROSS SQUARE FEET
LOC: LOCATION (SITE/BLDG)
PV: PRESENT VALUE
RUL: ESTIMATED USEFUL LIFE
SF: SQUARE FEET
SY: SQUARE YARDS
YRS: YEARS

REMAINING USEFUL LIFE (RUL) BAROMETER
- RUL = 1 YEAR OR LESS
- RUL = 2 YEARS TO 9 YEARS
- RUL = 10 YEARS OR GREATER

(11 YEARS OR GREATER NOT FACTORED INTO FCI)

ITEM NO.
Picture(s) associated with blue & underlined item no.

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			BUILDING ENVELOPE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
ESC										0	$0.00	$ -	$ -
			BUILDING INTERIOR (DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 23
ESC	100	BI003	MAINTAIN GRAPHICS AND THRESHOLD EDGE	W05	2020	20	SF	15	6	9	$1.00	$ 20	$ 23
			PLUMBING SYSTEMS (May be packaged with BI item scope, DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
ESC										0	$0.00	$ -	$ -
			MECHANICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 415
ESC	EXTERIOR-GROUNDS	MS001	REMOTE CONDENSERS MAINTENANCE	MMM16	2020	3	EA	20	6	14	$360.00	$ 1,080	$ -
ESC	EXTERIOR-GROUNDS	MS002	AIR HANDLER 1 AND 2 MAINTENANCE	MMM16	2020	2	EA	20	6	14	$360.00	$ 720	$ -
ESC	INTERIOR-BUILDING WIDE	MS003	VAV BOXES MAINTENANCE AND UPKEEP	MMM16	2020	1	EA	15	6	9	$360.00	$ 360	$ 415

SCHOOLCRAFT COLLEGE; FIREARMS TRAINING CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

SCHEDULED MAINTENANCE PROGRAM - CURRENT YEAR:	2026

BUILDING SECTION (BUILDING TYPE)	BUILDING AGE (YRS)	BUILDING AREA (GSF)
FIREARMS TRAINING CENTER	1989	26,609
RENOVATED	2012	

MAINTENANCE BACKLOG VALUE FOR BUILDING:	$ 1,866,115	- YEAR: 2027
REPLACEMENT VALUE FOR THE BUILDING:	$ 11,400,000	
FACILITY CONDITION INDEX (FCI):	16%	

PV OF TOTAL ANNUAL RESERVES:	$ 1,785,756	- YEAR: 2027

FCI	BUILDING CONDITION
FCI < 10%	GOOD
10%< FCI< 30%	FAIR
30% < FCI	POOR (NEEDS ATTENTION)
ABOVE 60%	CONSIDER REPLACEMENT

SOURCE: OpenGov

INFLATION RATE (%):	YEAR
2.4%	2024
3.7%	2025
4.0%	2026
4.5%	2027
4.0%	2028
4.0%	2029
4.0%	2030
4.0%	2031
4.0%	2032
4.0%	2033

ITEM NO. CODES
AI: ACCESSIBILITY IMPROVEMENT
BE: BUILDING EXTERIOR
BI: BUILDING INTERIOR
BS: BUILDING SYSTEM
ES: ELECTRICAL SYSTEM
MS: MECHANICAL SYSTEM
PS: PLUMBING SYSTEM
SG: SITE GROUNDS
SE: SPECIALTY EQUIPMENT

LEGEND
AVG: AVERAGE
CF: CUBIC FEET
CY: CUBIC YARDS
EA: EACH
EUL: ESTIMATED USEFUL LIFE
GSF: GROSS SQUARE FEET
LOC: LOCATION (SITE/BLDG)
PV: PRESENT VALUE
RUL: ESTIMATED USEFUL LIFE
SF: SQUARE FEET
SY: SQUARE YARDS
YRS: YEARS

REMAINING USEFUL LIFE (RUL) BAROMETER
- RUL = 1 YEAR OR LESS
- RUL = 2 YEARS TO 9 YEARS
- RUL = 10 YEARS OR GREATER
- (11 YEARS OR GREATER NOT FACTORED INTO FCI)

ITEM NO.
Picture(s) associated with blue & underlined item no.

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			BUILDING ENVELOPE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 65,781
FTC	EXTERIOR-EAST ELEVATION	BE001	BRICK SPALLING FROM DE-ICING SALTS	MMM16	1989	100	SF	2	37	-35	$40.00	$ 4,000	$ 4,616
FTC	EXTERIOR-EAST ELEVATION	BE002	CONC WALK CRACKING - REPLACE FLAG	SSS08	1989	72	SF	5	37	-32	$75.00	$ 5,400	$ 6,232
FTC	EXTERIOR-EAST ELEVATION	BE003	BRICK CONTROL JOINT NEEDS RESEALING	MMM16	1989	6	LS	2	37	-35	$50.00	$ 300	$ 346
FTC	EXTERIOR-ROOF	BE004, BE004A	EQUIPMENT RAIL IS RUSTING - REGALVANIZE AND PAINT	MMM16	1989	4	LS	5	37	-32	$400.00	$ 1,600	$ 1,846
FTC	EXTERIOR-ROOF	BE005	ROOF PATCH NOT COMPATIBLE WITH ROOF MEMBRANE	MMM16	*2012*	2	LS	5	14	-9	$800.00	$ 1,600	$ 1,846
FTC	EXTERIOR-SOUTH ELEVATION	BE006	BUILDING PAINT UNEVEN - REPAINT CMU	MMM16	*2012*	10,200	SF	5	14	-9	$3.00	$ 30,600	$ 35,314
FTC	EXTERIOR-SOUTH ELEVATION	BE007	OVERHEAD DOOR JAMBS RUSTING FROM DE-ICING SALTS - REPAINT	MMM16	1989	2	LS	5	37	-32	$400.00	$ 800	$ 923
FTC	EXTERIOR-WEST ELEVATION	BE008	CONC WALK CHIPPED AND IS A TRIP HAZARD-REPLACE CONC FLAG	SSS08	1989	36	SF	2	37	-35	$75.00	$ 2,700	$ 3,116
FTC	EXTERIOR-WEST ELEVATION	BE009, BE009A, BE009B	BRICK SPALLING FROM DE-ICING SALTS	MMM16	1989	240	SF	2	37	-35	$40.00	$ 9,600	$ 11,079
FTC	EXTERIOR-WEST ELEVATION	BE010	PAINT GAS PIPING	UUU12	1989	1	LS	2	37	-35	$400.00	$ 400	$ 462
			BUILDING INTERIOR (DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 59,903
FTC	201	BI004	VCT FLOORING IS SCRATCHED	555	2012	200	SF	15	14	1	$4.00	$ 800	$ 923
FTC	220	BI005, BI005A	ACOUSTICAL WALL PANELS WILL NEED REPLACING-AS MAINTAINANCE / DEFLECTION PANELS / SEAL FLOOR CRACKS	550	2012	840	SF	15	14	1	$45.00	$ 37,800	$ 43,623
FTC	230	BI006	SEAL FLOOR CRACKS	SSS08	1989	240	SF	30	37	-7	$50.00	$ 12,000	$ 13,849
FTC	240	BI007	ACOUSTICAL WALL PANEL DAMAGED	555	2012	64	SF	15	14	1	$4.00	$ 256	$ 295
FTC	270	BI008	FLOORING IS WORN	555	1989	150	SF	15	37	-22	$7.00	$ 1,050	$ 1,212
			PLUMBING SYSTEMS (May be packaged with BI item scope, DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
FTC	INTERIOR-BUILDING WIDE	PS001	PLUMBING FIXTURE REPLACEMENT	UUU24	*2012*	22	EA	25	14	11	$3,200.00	$ 70,400	$ -
			MECHANICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 166,185
FTC	135	MS001	REFRIGERANT CONDENSING UNIT REPLACEMENTS	550	2012	1	EA	20	14	6	$35,000.00	$ 35,000	$ 40,392
FTC	VEST-N	MS002	CABINET UNIT HEATER NEEDS TO BE REPLACED.	W06	2012	1	EA	15	14	1	$4,000.00	$ 4,000	$ 4,616
FTC	EXTERIOR-ROOF	MS003	YORK REMOTE DX CONDESER AND SPLIT-SYSTEM DX A/C UNIT REPLACEMENTS.	UUU25	2012	1	EA	20	14	6	$45,000.00	$ 45,000	$ 51,933
FTC	INTERIOR-BUILDING WIDE	MS004	UNIT HEATER REPLACEMENTS, ELECTRIC DUCT HEATER MAINTENANCE/REPLACEMENTS, DUCT CLEANING	UUU25	2012	15	EA	15	14	1	$4,000.00	$ 60,000	$ 69,244
			ELECTRICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 1,318,695
FTC	10	ES001	REPLACE JC, STORAGE & "IT" FLUOR. LIGHTING	780	2012	5	EA	20	14	6	$250.00	$ 1,250	$ 1,443
FTC	11	ES002	ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	2012	1	EA	20	14	6	$25,000.00	$ 25,000	$ 28,851
FTC	11	ES003	LIGHTING AND RECEPTACLE PANELBOARDS	Y04	2012	4	EA	20	14	6	$25,000.00	$ 100,000	$ 115,406
FTC	11	ES004	REPLACE JC, STORAGE & "IT" FLUOR. LIGHTING	Y04	2012	5	EA	20	14	6	$250.00	$ 1,250	$ 1,443
FTC	12	ES005	ELECTRICAL DISTRIBUTION EQUIPMENT	X01	2012	1	EA	20	14	6	$25,000.00	$ 25,000	$ 28,851
FTC	12	ES006	REPLACE JC, STORAGE & "IT" FLUOR. LIGHTING	X01	2012	4	EA	20	14	6	$250.00	$ 1,000	$ 1,154
FTC	14	ES007	LIFE SAFETY AUTOMATIC TRANSFER SWITCH (ATS-E)	Y04	2012	1	EA	20	14	6	$10,000.00	$ 10,000	$ 11,541

SCHOOLCRAFT COLLEGE; FIREARMS TRAINING CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
FTC	14	ES008	STANDBY POWER SYSTEMS AUTOMATIC TRANSFER SWITCH (ATS-NE)	Y04	2012	1	EA	20	14	6	$10,000.00	$ 10,000	$ 11,541
FTC	14	ES009	ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	2012	1	EA	20	14	6	$25,000.00	$ 25,000	$ 28,851
FTC	14	ES010	LIGHTING AND RECEPTACLE PANELBOARDS	Y04	2012	4	EA	20	14	6	$25,000.00	$ 100,000	$ 115,406
FTC	15	ES011	REPLACE GROUNDS & RECEIVEING FLUOR. LIGHTING	780	2012	8	EA	20	14	6	$250.00	$ 2,000	$ 2,308
FTC	16	ES012	REPLACE GROUNDS & RECEIVEING FLUOR. LIGHTING	780	2012	8	EA	20	14	6	$250.00	$ 2,000	$ 2,308
FTC	19	ES013	REPLACE MECHANICAL ROOM FLUOR. LIGHTING	Y04	2012	19	EA	20	14	6	$250.00	$ 4,750	$ 5,482
FTC	21	ES014	UPDATE ELECTRICAL DISTRIBUTION EQUIPMENT	555	2012	1	EA	20	14	6	$25,000.00	$ 25,000	$ 28,851
FTC	21	ES015	LIGHTING AND RECEPTACLE PANELBOARDS	555	2012	4	EA	20	14	6	$25,000.00	$ 100,000	$ 115,406
FTC	21	ES016	REPLACE FLUORESCENT STORAGE ROOM LIGHTING	555	2012	4	EA	20	14	6	$250.00	$ 1,000	$ 1,154
FTC	25	ES017	UPDATE MAIN SWITCHBOARD	555	2012	1	EA	20	14	6	$25,000.00	$ 25,000	$ 28,851
FTC	25	ES018	UPDATE ELECTRICAL DISTRIBUTION EQUIPMENT	555	2012	1	EA	20	14	6	$25,000.00	$ 25,000	$ 28,851
FTC	105	ES019	REPLACE STORE LIGHTING	660	2012	10	EA	20	14	6	$250.00	$ 2,500	$ 2,885
FTC	135	ES020	REPLACE FLUOR. CLASS ROOM LIGHTING	550	2012	6	EA	20	14	6	$250.00	$ 1,500	$ 1,731
FTC	200	ES021	REPLACE FLUOR. LAYIN STORE LIGHTING	555	2012	10	EA	20	14	6	$250.00	$ 2,500	$ 2,885
FTC	200	ES022	REPLACE INCAN. TRACK STORE LIGHTING	555	2012	36	EA	20	14	6	$250.00	$ 9,000	$ 10,387
FTC	220	ES023	REPLACE LANES 1-10 FLUOR LIGHTING	550	2012	30	EA	20	14	6	$1,200.00	$ 36,000	$ 40,455
FTC	230	ES024	REPLACE LANES 11-16 FLUOR LIGHTING	550	2012	18	EA	20	14	6	$1,200.00	$ 21,600	$ 24,273
FTC	240	ES025	REPLACE CONTROL ROOM INCAN. LIGHTING	555	2012	8	EA	20	14	6	$250.00	$ 2,000	$ 2,308
FTC	280	ES026	REPLACE STORAGE FLUOR. LIGHTING	555	2012	4	EA	20	14	6	$2,580.00	$ 10,320	$ 11,910
FTC	300	ES027	REPLACE FLUOR. VESTIBULE LIGHTING	W06	2012	1	EA	20	14	6	$250.00	$ 250	$ 289
FTC	310	ES028	REPLACE FLUOR. LOBBY LIGHTING	W05	2012	3	EA	20	14	6	$250.00	$ 750	$ 866
FTC	1000	ES029	REPLACE FLUOR. CORRIDOR LIGHTING	W06	2012	18	EA	20	14	6	$250.00	$ 4,500	$ 5,193
FTC	EXTERIOR	ES030	SERVICE TRANSFORMER	UUU03	1989	1	EA	20	37	-17	$15,000.00	$ 15,000	$ 17,311
FTC	EXTERIOR	ES031	STANDBY GENERATOR REPLACEMENT	UUU03	2012	1	EA	20	14	6	$30,000.00	$ 30,000	$ 34,622
FTC	EXTERIOR	ES032, ES032A	EXTERIOR BUILDING LIGHTING	UUU10	2012	21	EA	20	14	6	$25,000.00	$ 525,000	$ 605,881
			BUILDING SYSTEMS (Fire, security, IT/media infrastructure. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 255,550
FTC	10	BS001	UPDATE IT SYSTEMS	UUU02	2012	1	EA	20	14	6	$15,000.00	$ 15,000	$ 17,311
FTC	11	BS002	UPDATE IT SYSTEMS	UUU02	2012	1	EA	20	14	6	$15,000.00	$ 15,000	$ 17,311
FTC	12	BS003	REPLACE FIRE ALARM SYSTEM MAIN AND REMOTE PANELS (MEET CODE)	X01	2012	1	EA	20	14	6	$106,436.00	$ 106,436	$ 122,834
FTC	INTERIOR-BUILDING WIDE	BS004	REPLACE FIRE ALARM DEVICES (MEET CODE)	UUU07	2012	1	EA	20	14	6	$50,000.00	$ 50,000	$ 57,703
FTC	INTERIOR-BUILDING WIDE	BS005	UPDATE PRIMAX CLOCK SYSTEM	UUU25	2012	1	EA	20	14	6	$35,000.00	$ 35,000	$ 40,392
			SPECIALTY EQUIPMENT (Food service, theatre, labs, shops. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
FTC										0	$0.00	$ -	$ -
			ACCESSIBILITY IMPROVEMENTS (Building codes & ADA standards for accessible design. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
FTC										0	$0.00	$ -	$ -
												ANNUAL FUNDING REQUIREMENTS (ROUNDED):	$ 1,866,115

EVALUATION DATE: 10/19/2026

SCHOOLCRAFT COLLEGE; FORUM - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

SCHEDULED MAINTENANCE PROGRAM - CURRENT YEAR:	2026

BUILDING SECTION (BUILDING TYPE)	BUILDING AGE (YRS)	BUILDING AREA (GSF)
FORUM - TOTAL (CLASSROOM)		54,891
FORUM - ORIGINAL	1963	53,867
FORUM (PUMP HOUSE)	2004	1,086
FORUM (GREEN HOUSE - NOT INCLUDED IN FORUM GSF)	2006	563
FORUM (KILN SHEDS - NOT INCLUDED IN FORUM GSF)	2006	855
MAINTENANCE BACKLOG VALUE FOR BUILDING:	$	4,840,129 - YEAR: 2027
REPLACEMENT VALUE FOR THE BUILDING:	$	25,625,000
FACILITY CONDITION INDEX (FCI):		19%

PV OF TOTAL ANNUAL RESERVES:	$	4,631,703 - YEAR: 2027

FCI	BUILDING CONDITION
FCI < 10%	GOOD
10%< FCI< 30%	FAIR
30% < FCI	POOR (NEEDS ATTENTION)
ABOVE 60%	CONSIDER REPLACEMENT

SOURCE: OpenGov

INFLATION RATE (%):	YEAR
2.4%	2024
3.7%	2025
4.0%	2026
4.5%	2027
4.0%	2028
4.0%	2029
4.0%	2030
4.0%	2031
4.0%	2032
4.0%	2033

ITEM NO. CODES
AI: ACCESSIBILITY IMPROVEMENT
BE: BUILDING EXTERIOR
BI: BUILDING INTERIOR
BS: BUILDING SYSTEM
ES: ELECTRICAL SYSTEM
MS: MECHANICAL SYSTEM
PS: PLUMBING SYSTEM
SG: SITE GROUNDS
SE: SPECIALTY EQUIPMENT

LEGEND
AVG: AVERAGE
CF: CUBIC FEET
CY: CUBIC YARDS
EA: EACH
EUL: ESTIMATED USEFUL LIFE
GSF: GROSS SQUARE FEET
LOC: LOCATION (SITE/BLDG)
PV: PRESENT VALUE
RUL: ESTIMATED USEFUL LIFE
SF: SQUARE FEET
SY: SQUARE YARDS
YRS: YEARS

REMAINING USEFUL LIFE (RUL) BAROMETER
- RUL = 1 YEAR OR LESS
- RUL = 2 YEARS TO 9 YEARS
- RUL = 10 YEARS OR GREATER
- (11 YEARS OR GREATER NOT FACTORED INTO FCI)

ITEM NO.
Picture(s) associated with blue & underlined item no.

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			BUILDING ENVELOPE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 3,111,778
F	EXTERIOR-SE ELEVATION	BE001, BE001A	CONCRETE STEPS/LANDINGS AT ENTRY F3 ARE A HAZARD AT MAIN BUILDING ENTRANCES; BETTER TO HAVE SLOPED SIDEWALKS	SSS08	*2003*	150	SF	30	23	7	$75.00	$ 11,250	$ 12,983
F	EXTERIOR-SE ELEVATION	BE002	CONCRETE LANDING PITTED AND RUST SHOWING-CONSIDER REPLACING SLAB	SSS08	1963	40	SF	30	63	-33	$75.00	$ 3,000	$ 3,462
F	EXTERIOR-SOUTH ELEVATION	BE003	CONCRETE STEPS/LANDINGS AT ENTRY F12 ARE A HAZARD AT MAIN BUILDING ENTRANCES-BETTER TO HAVE SLOPED SIDEWALKS	SSS08	*2003*	150	SF	30	23	7	$75.00	$ 11,250	$ 12,983
F	EXTERIOR-EAST AND WEST ELEVATIONS	BE005	RAKE END GABLE OVERHANG METAL DECK IS RUSTED AND NEEDS TO BE RE-PAINTED	MMM16	2005	600	SF	25	21	4	$8.00	$ 4,800	$ 5,539
F	EXTERIOR-NORTH ELEVATION	BE008	TUCK POINT BRICK AREAS WHICH ARE MISSING MORTAR	MMM16	1963	150	SF	40	63	-23	$75.00	$ 11,250	$ 12,983
F	EXTERIOR-NORTH ELEVATION	BE009, BE009A	REMOVE EFFLOURESENCE FROM BRICK WALLS	MMM16	1963	400	SF	40	63	-23	$3.00	$ 1,200	$ 1,385
F	EXTERIOR-ALL ELEVATIONS	BE012	REPAIR ALL HOLES IN SOFFITS	MMM16	1963	75	SF	40	63	-23	$75.00	$ 5,625	$ 6,492
F	EXTERIOR-ROOF	BE013	SINGLE-PLY MEMBRANE REROOFING - GENERAL	MMM16	2001	1,000	SF	20	25	-5	$3.00	$ 3,000	$ 3,462
F	EXTERIOR-ROOF	BE014	SINGLE-PLY MEMBRANE REROOFING - PUMP HOUSE	MMM16	2004	52,800	SF	25	22	3	$50.00	$ 2,640,000	$ 3,046,718
F	EXTERIOR-ROOF	BE015	STANDING SEAM METAL ROOFING MAINTENANCE / REPLACEMENT	MMM16	2001	100	SF	25	25	0	$50.00	$ 5,000	$ 5,770
			BUILDING INTERIOR (DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 36,557
F	21	BI001	ASBESTOS FLOORING ABATEMENT / FLOOR FINISH REPLACEMENT	Y04	1963	15	SF	25	63	-38	$27.00	$ 405	$ 467
F	67	BI004	ASBESTOS FLOORING ABATEMENT / FLOOR FINISH REPLACEMENT	115	1963	40	SF	2	63	-61	$27.00	$ 1,080	$ 1,246
F	81	BI006	ASBESTOS FLOORING ABATEMENT / FLOOR FINISH REPLACEMENT	Y04	1963	40	SF	35	63	-28	$27.00	$ 1,080	$ 1,246
F	81	BI007	REPLACE ASBESTOS CONTAINING DOOR FROM F81 TO RETURN AIR TUNNEL	Y04	1963	1	EA	50	63	-13	$27.00	$ 27	$ 31
F	95	BI008	ASBESTOS FLOORING ABATEMENT / FLOOR FINISH REPLACEMENT	X01	1963	30	SF	50	63	-13	$27.00	$ 810	$ 935
F	170	BI009	ACOUSTICAL CEILING PANELS SAGGING FROM HUMIDITY. CONSIDER REPLACING	210	2012	1,500	SF	15	14	1	$7.00	$ 10,500	$ 12,118
F	300A	BI010	WOOD DOOR SCRATCHED AND NEEDS REPAIR	215	2002	1	EA	20	24	-4	$2,500.00	$ 2,500	$ 2,885
F	400	BI011	REPLACE ELECTRIC UNIT HEATER	210	1963	8	LF	25	63	-38	$250.00	$ 2,000	$ 2,308
F	460	BI012	WOOD DOOR SCRATCHED AND NEEDS REPAIR	210	1963	1	EA	20	63	-43	$2,500.00	$ 2,500	$ 2,885
F	470	BI013	REPLACE ELECTRIC UNIT HEATER	210	1963	30	LF	25	63	-38	$250.00	$ 7,500	$ 8,655
F	582	BI016	DOOR IS WORN AND NEEDS REPLACEMENT	210	2014	1	EA	20	12	8	$2,500.00	$ 2,500	$ 2,885
F	593	BI017	CARPET IS WEARING AND NEEDS REPLACING	310	2004	100	SF	15	22	-7	$7.00	$ 700	$ 808
F	3000	BI018	PLASTER WALLS SPALLING FROM DE-ICING SALTS AT ENTRY F20	W06	1963	1	EA	60	63	-3	$75.00	$ 75	$ 87

SCHOOLCRAFT COLLEGE; FORUM - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			PLUMBING SYSTEMS (May be packaged with BI item scope, DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 63,473
F	31	PS001	TOILET FIXTURES	X03	2002	5	EA	40	24	16	$2,500.00	$ 12,500	$ -
F	41	PS002	TOILET FIXTURES	X03	2002	5	EA	40	24	16	$2,500.00	$ 12,500	$ -
F	51	PS004	TOILET FIXTURES	X03	2002	5	EA	40	24	16	$2,500.00	$ 12,500	$ -
F	61	PS005	TOILET FIXTURES	X03	2002	5	EA	40	24	16	$2,500.00	$ 12,500	$ -
F	45	PS003	PPL PUMPS NEED TO BE REPAIRED OR REPLACED THERE IS EXTENSIVE CORROSION AND WATER DAMAGE	Y04	2004	2	EA	15	22	-7	$2,500.00	$ 5,000	$ 5,770
F	360	PS006	GEOLOGY LABORATORY ACID WASTE SYSTEM INSPECTION / MAINTENANCE	UUU25	2002	5,000	SF	10	24	-14	$10.00	$ 50,000	$ 57,703
			MECHANICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 246,219
F	20	MS001	MECHANICAL ROOM EXPOSED DUCT INSULATION REPAIRS	Y04	1963	100	SF	25	63	-38	$8.00	$ 800	$ 923
F	45	MS002	BOILER REPLACEMENTS	Y04	2004	2	EA	25	22	3	$65,000.00	$ 130,000	$ 150,028
F	45	MS003	PRIMARY CHILLED WATER LOOP PUMP MAINTENANCE/REPLACEMENTS	Y04	2004	2	EA	20	22	-2	$30,000.00	$ 60,000	$ 69,244
F	80	MS004	MECHANICAL ROOM EXPOSED DUCT INSULATION REPAIRS	Y04	1963	100	SF	25	63	-38	$8.00	$ 800	$ 923
F	210	MS006	REPLACE ALL FUME HOODS AND UPGRADE AUTOMATED CONTROLS	210	2004	4	EA	35	22	13	$30,000.00	$ 120,000	$ -
F	370	MS007	ELECTRIC FIN TUBE OPEN ENDED TO SPACE HAZARD IN ART ROOM	110	1963	15	LF	20	63	-43	$75.00	$ 1,125	$ 1,298
F	373	MS008	ELECTRIC FIN TUBE OPEN ENDED TO SPACE HAZARD IN ART ROOM	115	1963	15	LF	20	63	-43	$75.00	$ 1,125	$ 1,298
F	KILN 1	MS010	KILN SHED EXHAUST FAN REPLACEMENTS	215	2003	1	EA	15	23	-8	$6,500.00	$ 6,500	$ 7,501
F	KILN 2	MS011	KILN SHED EXHAUST FAN REPLACEMENTS	215	2003	1	EA	15	23	-8	$6,500.00	$ 6,500	$ 7,501
F	KILN 3	MS012	KILN SHED EXHAUST FAN REPLACEMENTS	215	2003	1	EA	15	23	-8	$6,500.00	$ 6,500	$ 7,501
			ELECTRICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 947,021
F	10	ES001	REPLACE FLUORESCENT LIGHTING	X01	1963	1	EA	20	63	-43	$250.00	$ 250	$ 289
F	20	ES002	REPLACE FLUORESCENT LIGHTING	Y04	1963	9	EA	20	63	-43	$250.00	$ 2,250	$ 2,597
F	20	ES003	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES ON EAST WALL	UUU04	1963	2	EA	20	63	-43	$50.00	$ 100	$ 115
F	21	ES004	REPLACE FLUORESCENT LIGHTING	Y04	1963	1	EA	20	63	-43	$250.00	$ 250	$ 289
F	31	ES005	REPLACE FLUORESCENT LIGHTING	X03	2002	3	EA	20	24	-4	$250.00	$ 750	$ 866
F	45	ES006	REPLACE FLUORESCENT LIGHTING	Y04	2004	4	EA	20	22	-2	$250.00	$ 1,000	$ 1,154
F	45	ES007	ELECTRICAL DISTRIBUTION SYSTEMS	Y04	2004	6	EA	20	22	-2	$250.00	$ 1,500	$ 1,731
F	45	ES008	EMERGENCY GENERATOR AND ATS-E, ATS-NE	Y04	2007	3	EA	20	19	1	$30,000.00	$ 90,000	$ 103,865
F	51	ES009	REPLACE FLUORESCENT LIGHTING	X03	2002	3	EA	20	24	-4	$250.00	$ 750	$ 866
F	55	ES010	REPLACE FLUORESCENT LIGHTING	X03	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
F	57	ES011	REPLACE FLUORESCENT LIGHTING	X03	*1963*	1	EA	20	63	-43	$250.00	$ 250	$ 289
F	61	ES012	REPLACE FLUORESCENT LIGHTING	X03	2002	3	EA	20	24	-4	$250.00	$ 750	$ 866
F	65	ES013	REPLACE FLUORESCENT LIGHTING	X03	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
F	66	ES014	REPLACE FLUORESCENT LIGHTING	X03	*2002*	1	EA	20	24	-4	$250.00	$ 250	$ 289
F	67	ES015	REPLACE FLUORESCENT LIGHTING	115	*1963*	2	EA	20	63	-43	$250.00	$ 500	$ 577
F	70	ES016	REPLACE FLUORESCENT LIGHTING	X01	*1963*	1	EA	20	63	-43	$250.00	$ 250	$ 289
F	70	ES017	REPLACE ORIGINAL LIGHTING AND RECEPTACLE PANELS	X01	1963	2	EA	20	63	-43	$500.00	$ 1,000	$ 1,154
F	80	ES018	REPLACE FLUORESCENT LIGHTING	Y04	1963	9	EA	20	63	-43	$250.00	$ 2,250	$ 2,597
F	80	ES019	ELECTRICAL DISTRIBUTION - ORIGINAL EQUIPMENT	Y04	1963	9	EA	20	63	-43	$25,000.00	$ 225,000	$ 259,663
F	80	ES020	EST-4 FIRE ALARM SYSTEM	Y04	2002	9	EA	20	24	-4	$5,000.00	$ 45,000	$ 51,933
F	80	ES021	ELECTRICAL DISTRIBUTION	Y04	1963	9	EA	20	63	-43	$25,000.00	$ 225,000	$ 259,663
F	80	ES022	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	63	-43	$50.00	$ 50	$ 57
F	81	ES023	ACCESS CONTROLS SYSTEM	Y04	2001	1	EA	20	25	-5	$25,000.00	$ 25,000	$ 28,851
F	81	ES024	REPLACE FLUORESCENT LIGHTING	Y04	1963	1	EA	20	63	-43	$250.00	$ 250	$ 289
F	90	ES025	REPLACE FLUORESCENT LIGHTING	215	2014	6	EA	20	12	8	$250.00	$ 1,500	$ 1,731
F	100	ES026	REPLACE FLUORESCENT LIGHTING	110	2010	9	EA	20	16	4	$250.00	$ 2,250	$ 2,597
F	100	ES027	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	2	EA	20	63	-43	$50.00	$ 100	$ 115
F	110	ES028	REPLACE FLUORESCENT LIGHTING	110	*2000*	9	EA	20	26	-6	$250.00	$ 2,250	$ 2,597
F	110	ES029	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	5	EA	20	63	-43	$50.00	$ 250	$ 289
F	120	ES030	REPLACE FLUORESCENT LIGHTING	110	2010	9	EA	20	16	4	$250.00	$ 2,250	$ 2,597
F	120	ES031	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	3	EA	20	63	-43	$50.00	$ 150	$ 173
F	130	ES032	REPLACE FLUORESCENT LIGHTING	110	*2000*	9	EA	20	26	-6	$250.00	$ 2,250	$ 2,597
F	130	ES033	REPLACE ORIGINAL, LOW VOLTAGE PLUG STRIP RECEPTACLES HAVING (10) OUTLETS EACH	UUU04	1963	2	EA	20	63	-43	$50.00	$ 100	$ 115
F	150	ES034	REPLACE FLUORESCENT LIGHTING	210	*2012*	18	EA	20	14	6	$250.00	$ 4,500	$ 5,193
F	150	ES035	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	6	EA	20	63	-43	$50.00	$ 300	$ 346
F	170	ES036	REPLACE FLUORESCENT LIGHTING	210	*2012*	18	EA	20	14	6	$250.00	$ 4,500	$ 5,193
F	170	ES037	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	8	EA	20	63	-43	$50.00	$ 400	$ 462
F	200	ES038	REPLACE FLUORESCENT LIGHTING	210	2007	18	EA	20	19	1	$250.00	$ 4,500	$ 5,193

SCHOOLCRAFT COLLEGE; FORUM - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
F	201	ES039	REPLACE FLUORESCENT LIGHTING	215	2007	4	EA	20	19	1	$250.00	$ 1,000	$ 1,154
F	201	ES040	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES ALONG NORTH WALL	UUU04	1963	6	EA	20	63	-43	$50.00	$ 300	$ 346
F	202	ES041	REPLACE FLUORESCENT LIGHTING	215	2007	3	EA	20	19	1	$250.00	$ 750	$ 866
F	204	ES042	REPLACE FLUORESCENT LIGHTING	215	2004	2	EA	20	22	-2	$250.00	$ 500	$ 577
F	205	ES043	REPLACE FLUORESCENT LIGHTING	210	2001	8	EA	20	25	-5	$250.00	$ 2,000	$ 2,308
F	206	ES044	REPLACE FLUORESCENT LIGHTING	210	2001	2	EA	20	25	-5	$250.00	$ 500	$ 577
F	210	ES045	REPLACE FLUORESCENT LIGHTING	210	2004	18	EA	20	22	-2	$250.00	$ 4,500	$ 5,193
F	210	ES046	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	63	-43	$50.00	$ 50	$ 58
F	250	ES047	REPLACE FLUORESCENT LIGHTING	210	2010	20	EA	20	16	4	$250.00	$ 5,000	$ 5,770
F	260	ES048	REPLACE FLUORESCENT LIGHTING	210	2009	7	EA	20	17	3	$250.00	$ 1,750	$ 2,020
F	260	ES049	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	5	EA	20	63	-43	$50.00	$ 250	$ 289
F	261	ES050	REPLACE FLUORESCENT LIGHTING	215	2009	2	EA	20	17	3	$250.00	$ 500	$ 577
F	261	ES051	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	2	EA	20	63	-43	$50.00	$ 100	$ 115
F	262	ES052	REPLACE FLUORESCENT LIGHTING	310	2009	2	EA	20	17	3	$250.00	$ 500	$ 577
F	262	ES053	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	63	-43	$50.00	$ 50	$ 58
F	270	ES054	REPLACE FLUORESCENT LIGHTING	210	2012	20	EA	20	14	6	$250.00	$ 5,000	$ 5,770
F	270	ES055	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	4	EA	20	63	-43	$50.00	$ 200	$ 231
F	280	ES056	REPLACE FLUORESCENT LIGHTING	215	2009	7	EA	20	17	3	$250.00	$ 1,750	$ 2,020
F	280	ES057	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	9	EA	20	63	-43	$50.00	$ 450	$ 519
F	300	ES058	REPLACE FLUORESCENT LIGHTING	210	2004	18	EA	20	22	-2	$250.00	$ 4,500	$ 5,193
F	300A	ES059	REPLACE INCANDESCENT TRACK LTG	215	2002	6	EA	20	24	-4	$250.00	$ 1,500	$ 1,731
F	301	ES060	REPLACE FLUORESCENT LIGHTING	210	2004	12	EA	20	22	-2	$250.00	$ 3,000	$ 3,462
F	301	ES061	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	4	EA	20	63	-43	$50.00	$ 200	$ 231
F	310	ES062	REPLACE FLUORESCENT LIGHTING	210	2014	25	EA	20	12	8	$250.00	$ 6,250	$ 7,213
F	310	ES063	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	8	EA	20	63	-43	$50.00	$ 400	$ 462
F	350	ES064	REPLACE FLUORESCENT LIGHTING	210	2010	18	EA	20	16	4	$250.00	$ 4,500	$ 5,193
F	350	ES065	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	63	-43	$50.00	$ 50	$ 58
F	351	ES066	REPLACE FLUORESCENT LIGHTING	215	2010	2	EA	20	16	4	$250.00	$ 500	$ 577
F	360	ES067	REPLACE FLUORESCENT LIGHTING	210	2002	20	EA	20	24	-4	$250.00	$ 5,000	$ 5,770
F	360	ES068	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	63	-43	$50.00	$ 50	$ 58
F	361	ES069	REPLACE FLUORESCENT LIGHTING	215	2002	4	EA	20	24	-4	$250.00	$ 1,000	$ 1,154
F	370	ES070	REPLACE FLUORESCENT LIGHTING	110	*2001*	13	EA	20	25	-5	$250.00	$ 3,250	$ 3,751
F	370	ES071	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	10	EA	20	63	-43	$50.00	$ 500	$ 577
F	371	ES072	REPLACE FLUORESCENT LIGHTING	310	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
F	372	ES073	REPLACE FLUORESCENT LIGHTING	115	*2002*	2	EA	20	24	-4	$250.00	$ 500	$ 577
F	373	ES074	REPLACE FLUORESCENT LIGHTING	115	*2002*	3	EA	20	24	-4	$250.00	$ 750	$ 866
F	373	ES075	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	2	EA	20	63	-43	$50.00	$ 100	$ 115
F	400	ES076	REPLACE INCANDESCENT TRACK LIGHTING	210	*2001*	30	EA	20	25	-5	$250.00	$ 7,500	$ 8,655
F	400	ES077	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	3	EA	20	63	-43	$50.00	$ 150	$ 173
F	410	ES078	REPLACE FLUORESCENT LIGHTING	210	2010	17	EA	20	16	4	$250.00	$ 4,250	$ 4,905
F	411	ES079	REPLACE FLUORESCENT LIGHTING	215	2010	2	EA	20	16	4	$250.00	$ 500	$ 577
F	412	ES080	REPLACE FLUORESCENT LIGHTING	215	2010	2	EA	20	16	4	$250.00	$ 500	$ 577
F	420	ES081	REPLACE FLUORESCENT LIGHTING	210	*2002*	9	EA	20	24	-4	$250.00	$ 2,250	$ 2,597
F	430	ES082	REPLACE FLUORESCENT LIGHTING	210	*2002*	2	EA	20	24	-4	$250.00	$ 500	$ 577
F	440	ES083	REPLACE FLUORESCENT LIGHTING	210	*2002*	2	EA	20	24	-4	$250.00	$ 500	$ 577
F	445	ES084	REPLACE FLUORESCENT LIGHTING	210	*2002*	6	EA	20	24	-4	$250.00	$ 1,500	$ 1,731
F	450	ES085	REPLACE FLUORESCENT LIGHTING	210	*2002*	20	EA	20	24	-4	$250.00	$ 5,000	$ 5,770
F	450	ES086	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	63	-43	$50.00	$ 50	$ 58
F	451	ES087	REPLACE FLUORESCENT LIGHTING	215	*2002*	6	EA	20	24	-4	$250.00	$ 1,500	$ 1,731
F	451	ES088	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	63	-43	$50.00	$ 50	$ 58
F	452	ES089	REPLACE FLUORESCENT LIGHTING	215	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
F	460	ES090	REPLACE FLUORESCENT LIGHTING	210	2002	20	EA	20	24	-4	$250.00	$ 5,000	$ 5,770
F	460	ES091	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	2	EA	20	63	-43	$50.00	$ 100	$ 115
F	470	ES092	REPLACE FLUORESCENT LIGHTING	210	*2001*	15	EA	20	25	-5	$250.00	$ 3,750	$ 4,328
F	470	ES093	REPLACE INCANDESCENT TRACK LIGHTING	210	*2001*	30	EA	20	25	-5	$250.00	$ 7,500	$ 8,655
F	470	ES094	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	4	EA	20	63	-43	$50.00	$ 200	$ 231
F	501	ES096	REPLACE FLUORESCENT LIGHTING	310	2004	2	EA	20	22	-2	$250.00	$ 500	$ 577
F	510	ES097	REPLACE FLUORESCENT LIGHTING	310	2004	2	EA	20	22	-2	$250.00	$ 500	$ 577

SCHOOLCRAFT COLLEGE; FORUM - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

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F	511	ES098	REPLACE FLUORESCENT LIGHTING	310	2004	2	EA	20	22	-2	$250.00	$ 500	$ 577
F	512	ES099	REPLACE FLUORESCENT LIGHTING	310	2004	2	EA	20	22	-2	$250.00	$ 500	$ 577
F	514	ES100	REPLACE FLUORESCENT LIGHTING	310	2004	2	EA	20	22	-2	$250.00	$ 500	$ 577
F	520	ES101	REPLACE FLUORESCENT LIGHTING	310	2004	1	EA	20	22	-2	$250.00	$ 250	$ 289
F	521	ES102	REPLACE FLUORESCENT LIGHTING	310	2004	2	EA	20	22	-2	$250.00	$ 500	$ 577
F	522	ES103	REPLACE FLUORESCENT LIGHTING	310	2004	2	EA	20	22	-2	$250.00	$ 500	$ 577
F	523	ES104	REPLACE FLUORESCENT LIGHTING	310	2004	2	EA	20	22	-2	$250.00	$ 500	$ 577
F	530	ES105	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	40	EA	20	63	-43	$50.00	$ 2,000	$ 2,308
F	533	ES106	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	3	EA	20	63	-43	$50.00	$ 150	$ 173
F	550	ES107	REPLACE FLUORESCENT LIGHTING	310	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
F	560	ES108	REPLACE FLUORESCENT LIGHTING	310	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
F	572	ES109	REPLACE FLUORESCENT LIGHTING	310	2010	6	EA	20	16	4	$250.00	$ 1,500	$ 1,731
F	573	ES110	REPLACE FLUORESCENT LIGHTING	310	*2010*	3	EA	20	16	4	$250.00	$ 750	$ 866
F	580	ES111	REPLACE FLUORESCENT LIGHTING	215	*1999*	2	EA	20	27	-7	$250.00	$ 500	$ 577
F	581	ES112	REPLACE FLUORESCENT LIGHTING	210	*1999*	2	EA	20	27	-7	$250.00	$ 500	$ 577
F	582	ES113	REPLACE FLUORESCENT LIGHTING	210	*1999*	2	EA	20	27	-7	$250.00	$ 500	$ 577
F	590	ES114	REPLACE FLUORESCENT LIGHTING	310	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
F	591	ES115	REPLACE FLUORESCENT LIGHTING	310	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
F	592	ES116	REPLACE FLUORESCENT LIGHTING	310	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
F	593	ES117	REPLACE FLUORESCENT LIGHTING	310	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
F	594	ES118	REPLACE FLUORESCENT LIGHTING	310	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
F	1000	ES119	REPLACE FLUORESCENT LIGHTING	W06	2002	8	EA	20	24	-4	$250.00	$ 2,000	$ 2,308
F	1000	ES120	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	63	-43	$50.00	$ 50	$ 58
F	1001	ES121	REPLACE FLUORESCENT LIGHTING	W06	2002	12	EA	20	24	-4	$250.00	$ 3,000	$ 3,462
F	1002	ES122	REPLACE FLUORESCENT LIGHTING	W06	2002	8	EA	20	24	-4	$250.00	$ 2,000	$ 2,308
F	1002	ES123	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	63	-43	$50.00	$ 50	$ 58
F	1100	ES124	REPLACE FLUORESCENT LIGHTING	W06	2002	20	EA	20	24	-4	$250.00	$ 5,000	$ 5,770
F	1100	ES125	REPLACE LIGHTING AND RECEPTACLE PANELS	W06	1963	2	EA	20	63	-43	$5,000.00	$ 10,000	$ 11,541
F	1100	ES126	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	3	EA	20	63	-43	$50.00	$ 150	$ 173
F	1200	ES127	REPLACE FLUORESCENT LIGHTING	W06	2002	20	EA	20	24	-4	$250.00	$ 5,000	$ 5,770
F	1200	ES128	REPLACE LIGHTING AND RECEPTACLE PANELS	W06	1963	2	EA	20	63	-43	$5,000.00	$ 10,000	$ 11,541
F	1200	ES129	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	4	EA	20	63	-43	$50.00	$ 200	$ 231
F	2000	ES130	REPLACE FLUORESCENT LIGHTING	W06	2002	8	EA	20	24	-4	$250.00	$ 2,000	$ 2,308
F	2001	ES131	REPLACE FLUORESCENT LIGHTING	W06	2002	8	EA	20	24	-4	$250.00	$ 2,000	$ 2,308
F	2002	ES132	REPLACE FLUORESCENT LIGHTING	W06	2002	8	EA	20	24	-4	$250.00	$ 2,000	$ 2,308
F	3000	ES133	REPLACE FLUORESCENT LIGHTING	W06	2002	8	EA	20	24	-4	$250.00	$ 2,000	$ 2,308
F	3000	ES134	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	63	-43	$50.00	$ 50	$ 58
F	3001	ES135	REPLACE FLUORESCENT LIGHTING	W06	2002	4	EA	20	24	-4	$250.00	$ 1,000	$ 1,154
F	3001	ES136	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	2	EA	20	63	-43	$50.00	$ 100	$ 115
F	3002	ES137	REPLACE FLUORESCENT LIGHTING	W06	2002	8	EA	20	24	-4	$250.00	$ 2,000	$ 2,308
F	3002	ES138	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	63	-43	$50.00	$ 50	$ 58
F	4000	ES139	REPLACE FLUORESCENT LIGHTING	W06	2002	8	EA	20	24	-4	$250.00	$ 2,000	$ 2,308
F	4000	ES140	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	63	-43	$50.00	$ 50	$ 58
F	4001	ES141	REPLACE FLUORESCENT LIGHTING	W06	2002	12	EA	20	24	-4	$250.00	$ 3,000	$ 3,462
F	4002	ES142	REPLACE FLUORESCENT LIGHTING	W06	2002	8	EA	20	24	-4	$250.00	$ 2,000	$ 2,308
F	4002	ES143	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	63	-43	$50.00	$ 50	$ 58
F	EXTERIOR	ES144	REPLACE BLDG MTD EXTERIOR LIGHTING	UUU10	*2002*	14	EA	20	24	-4	$250.00	$ 3,500	$ 4,039
			BUILDING SYSTEMS (Fire, security, IT/media infrastructure. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 75,014
F	INTERIOR-BUILDING WIDE	BS001	NATIONAL TIME (NTS) CLOCK SYSTEM	UUU25	1963	1	EA	20	63	-43	$50,000.00	$ 50,000	$ 57,703
F	INTERIOR-BUILDING WIDE	BS002	IT SYSTEMS	UUU02	1999	1	EA	20	27	-7	$15,000.00	$ 15,000	$ 17,311
			SPECIALTY EQUIPMENT (Food service, theatre, labs, shops. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
F										0	$0.00	$ -	$ -
			ACCESSIBILITY IMPROVEMENTS (Building codes & ADA standards for accessible design. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 360,067
F	INTERIOR		ADA WHEELCHAIR LIFT FOR IMPROVED ACCESS BETWEEN UPPER AND LOWER HALVES OF FORUM	W06	1963	1	EA	25	63	-38	$312,000.00	$ 312,000	$ 360,067
												ANNUAL FUNDING REQUIREMENTS (ROUNDED):	$ 4,840,129

SCHOOLCRAFT COLLEGE; GROTE CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

SCHEDULED MAINTENANCE PROGRAM - CURRENT YEAR:	2026

BUILDING SECTION (BUILDING TYPE)	BUILDING AGE (YRS)	BUILDING AREA (GSF)
GROTE CENTER - TOTAL (ADMIN)	1963	15,076
[FORMERLY NAMED ADMINISTRATION BUILDING]		

MAINTENANCE BACKLOG VALUE FOR BUILDING:	$ 1,271,103	- YEAR: 2027
REPLACEMENT VALUE FOR THE BUILDING:	$ 5,700,000	
FACILITY CONDITION INDEX (FCI):	22%	
PV OF TOTAL ANNUAL RESERVES:	$ 1,216,367	- YEAR: 2027

FCI	BUILDING CONDITION
FCI < 10%	GOOD
10%< FCI< 30%	FAIR
30% < FCI	POOR (NEEDS ATTENTION)
ABOVE 60%	CONSIDER REPLACEMENT

SOURCE: OpenGov

INFLATION RATE (%)	YEAR
2.4%	2024
3.7%	2025
4.0%	2026
4.5%	2027
4.0%	2028
4.0%	2029
4.0%	2030
4.0%	2031
4.0%	2032
4.0%	2033

ITEM NO. CODES
AI: ACCESSIBILITY IMPROVEMENT
BE: BUILDING EXTERIOR
BI: BUILDING INTERIOR
BS: BUILDING SYSTEM
ES: ELECTRICAL SYSTEM
MS: MECHANICAL SYSTEM
PS: PLUMBING SYSTEM
SG: SITE GROUNDS
SE: SPECIALTY EQUIPMENT

LEGEND
AVG: AVERAGE
CF: CUBIC FEET
CY: CUBIC YARDS
EA: EACH
EUL: ESTIMATED USEFUL LIFE
GSF: GROSS SQUARE FEET
LOC: LOCATION (SITE/BLDG)
PV: PRESENT VALUE
RUL: ESTIMATED USEFUL LIFE
SF: SQUARE FEET
SY: SQUARE YARDS
YRS: YEARS

REMAINING USEFUL LIFE (RUL) BAROMETER
- RUL = 1 YEAR OR LESS
- RUL = 2 YEARS TO 9 YEARS
- RUL = 10 YEARS OR GREATER
- (11 YEARS OR GREATER NOT FACTORED INTO FCI)

ITEM NO.
Picture(s) associated with blue & underlined item no.

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			BUILDING ENVELOPE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 308,065
GC	EXTERIOR-BUILDING	BE002	PROVIDE CONCRETE PAD AT EXTERIOR DOOR	W06	2006	15	SF	20	20	0	$75.00	$ 1,125	$ 1,298
GC	EXTERIOR-BUILDING	BE003	EXTERIOR PAINTING (SOFFITS, FASCIA, WOOD BEAMS)	MMM16	2020	1	EA	15	6	9	$15.00	$ 15	$ 17
GC	EXTERIOR-SOUTH ELEVATIONS	BE004, BE004A	LIMESTONE WING WALL CAP REPLACEMENTS	MMM16	1963	72	LF	50	63	-13	$75.00	$ 5,400	$ 6,232
GC	EXTERIOR-ALL ELEVATIONS	BE008	CLEAN BRICK OF ALL EFFLORESCENCE	MMM16	1963	300	SF	40	63	-23	$8.00	$ 2,400	$ 2,770
GC	EXTERIOR-ROOF	BE010	ASPHALT BUILT-UP ROOFING MAINTENANCE/REPLACEMENT	MMM16	1993	3,400	SF	20	33	-13	$75.00	$ 255,000	$ 294,285
GC	EXTERIOR-WALLS	BE011	LIMESTONE WING WALL CAP REPLACEMENTS	MMM16	1963	40	SF	50	63	-13	$75.00	$ 3,000	$ 3,462
			BUILDING INTERIOR (DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 50,779
GC	20	BI004	JANITOR CLOSET CEILING IS 1X1 AC TILES AND SHOULD BE REPLACED	X01	1963	150	SF	20	63	-43	$7.00	$ 1,050	$ 1,212
GC	40	BI005	UNISEX TOILET NOT BARRIER FREE	X03	1963	100	SF	50	63	-13	$300.00	$ 30,000	$ 34,622
GC	160	BI008	ACOUSTICAL CEILING PANELS ARE BEGINNING TO SAG	310	2004	400	SF	15	22	-7	$7.00	$ 2,800	$ 3,231
GC	190	BI011, BI011A	CARPET IS WORN, SNAGGED, AND FADED	315	2004	400	SF	15	22	-7	$4.00	$ 1,600	$ 1,846
GC	230	BI014	CARPET IS WORN AND NEEDS REPLACEMENT	315	*1967*	150	SF	15	59	-44	$7.00	$ 1,050	$ 1,212
GC	1000	BI016, BI016A	ENTRY DOORS G6 ARE WORN AND NEEDS NEW HARDWARE	W06	*2004*	1	PAIR	25	22	3	$2,500.00	$ 2,500	$ 2,885
GC	2000	BI018	ENTRY DOORS G5 ARE WORN AND NEEDS NEW HARDWARE	W06	*2004*	1	PAIR	25	22	3	$2,500.00	$ 2,500	$ 2,885
GC	2000	BI019	ENTRY DOORS G3 ARE WORN AND NEEDS NEW HARDWARE	W06	*2004*	1	PAIR	25	22	3	$2,500.00	$ 2,500	$ 2,885
			PLUMBING SYSTEMS (May be packaged with BI item scope, DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
GC										0	$0.00	$ -	$ -
			MECHANICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 585,833
GC	12	MS001	MECHANICAL SUMP PUMP MAINTENANCE / REPLACEMENT	Y04	*2006*	1	LS	15	20	-5	$3,500.00	$ 3,500	$ 4,039
GC	12	MS002	RIDGID INSULATION ON DUCTWORK	Y04	1963	50	SF	15	63	-48	$8.00	$ 400	$ 462
GC	12	MS003	AIR HANDLING UNIT REPLACEMENT (ORIGINAL UNIT HOUSING MODIFIED AND RECOMMISSIONED IN 2006)	Y04	2006	1	EA	25	20	5	$75,000.00	$ 75,000	$ 86,554
GC	12	MS004	RETURN AIR FAN MAINTENANCE	Y04	2006	1	EA	25	20	5	$3,500.00	$ 3,500	$ 4,039
GC	12	MS005	CHILLED WATER DISTRIBUTION PUMP REPLACEMENTS	Y04	2006	2	EA	20	20	0	$30,000.00	$ 60,000	$ 69,244
GC	12	MS006	HEATING HOT WATER DISTRIBUTION PUMP REPLACEMENTS	Y04	2006	2	EA	20	20	0	$30,000.00	$ 60,000	$ 69,244
GC	12	MS007	HEATING HOT WATER BOILER CIRCULATING PUMPS	Y04	2006	2	EA	20	20	0	$30,000.00	$ 60,000	$ 69,244
GC	12	MS008	HEATING HOT WATER BOILER REPLACEMENTS	Y04	2006	4	EA	20	20	0	$50,000.00	$ 200,000	$ 230,812
GC	INTERIOR-BUILDING WIDE	MS009	HVAC SYSTEM CLEANING	UUU25	1999	15,076	SF	5	27	-22	$3.00	$ 45,228	$ 52,196
			ELECTRICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 258,913
GC	12	ES001	MAIN SWITCHBOARD	Y04	1963	1	EA	20	63	-43	$25,000.00	$ 25,000	$ 28,851
GC	12	ES002	REPLACE ORIGINAL ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	1963	1	EA	20	63	-43	$25,000.00	$ 25,000	$ 28,851
GC	12	ES003	REPLACE FLUORESCENT LIGHTING	Y04	2021	8	EA	20	5	15	$250.00	$ 2,000	$ -

SCHOOLCRAFT COLLEGE; GROTE CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
GC	12	ES004	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE ON NORTH WALL (EXTERIOR OF SOUTH WALL TO GC13)	UUU04	1963	1	EA	50	63	-13	$50.00	$ 50	$ 58
GC	12	ES005	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE ON NORTH WALL BENEATH ELECTRICAL PANEL "AHE"	UUU04	1963	1	EA	50	63	-13	$50.00	$ 50	$ 58
GC	12	ES006	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE ON EAST WALL BENEATH ELECTRICAL PANEL "AL3"	UUU04	1963	1	EA	50	63	-13	$50.00	$ 50	$ 58
GC	12	ES007	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE ON WEST WALL	UUU04	1963	1	EA	50	63	-13	$50.00	$ 50	$ 58
GC	12	ES008	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE ON SUMP PUMP NEAR NW CORNER OF ROOM	UUU04	1963	1	EA	50	63	-13	$50.00	$ 50	$ 58
GC	12A	ES009	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE ON NORTH WALL NEAR CRAWL SPACE LADDER	UUU04	1963	1	EA	50	63	-13	$50.00	$ 50	$ 58
GC	13	ES010	REPLACE FLUORESCENT LIGHTING	Y04	2021	12	EA	20	5	15	$250.00	$ 3,000	$ -
GC	13	ES011	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE ON NORTH WALL	UUU04	1963	2	EA	50	63	-13	$50.00	$ 100	$ 115
GC	20	ES012	REPLACE FLUORESCENT LIGHTING	X01	2021	1	EA	20	5	15	$250.00	$ 250	$ -
GC	40	ES013	REPLACE FLUORESCENT LIGHTING	X03	2021	1	EA	20	5	15	$250.00	$ 250	$ -
GC	50	ES014	REPLACE FLUORESCENT LIGHTING	X03	2021	1	EA	20	5	15	$250.00	$ 250	$ -
GC	60	ES015	REPLACE FLUORESCENT LIGHTING	X01	2021	1	EA	20	5	15	$250.00	$ 250	$ -
GC	100	ES016	REPLACE FLUORESCENT LIGHTING	750	2021	10	EA	20	5	15	$250.00	$ 2,500	$ -
GC	100	ES017	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	5	EA	50	63	-13	$50.00	$ 250	$ 289
GC	105	ES018	REPLACE FLUORESCENT LIGHTING	310	2021	4	EA	20	5	15	$250.00	$ 1,000	$ -
GC	105	ES019	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	6	EA	50	63	-13	$50.00	$ 300	$ 346
GC	110	ES020	REPLACE FLUORESCENT LIGHTING	355	2021	4	EA	20	5	15	$250.00	$ 1,000	$ -
GC	110	ES021	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	2	EA	50	63	-13	$50.00	$ 100	$ 115
GC	150	ES022	REPLACE LIGHTING	310	2021	8	EA	20	5	15	$250.00	$ 2,000	$ -
GC	150	ES023	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	2	EA	50	63	-13	$50.00	$ 100	$ 115
GC	151	ES024	REPLACE LIGHTING	315	2021	1	EA	20	5	15	$250.00	$ 250	$ -
GC	152	ES025	REPLACE LIGHTING	315	2021	1	EA	20	5	15	$250.00	$ 250	$ -
GC	160	ES026	REPLACE FLUORESCENT LIGHTING	310	2021	8	EA	20	5	15	$250.00	$ 2,000	$ -
GC	161	ES027	REPLACE FLUORESCENT LIGHTING	310	2021	4	EA	20	5	15	$250.00	$ 1,000	$ -
GC	161	ES028	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	2	EA	50	63	-13	$50.00	$ 100	$ 115
GC	162	ES029	REPLACE FLUORESCENT LIGHTING	310	2021	6	EA	20	5	15	$250.00	$ 1,500	$ -
GC	162	ES030	REPLACE ORIGINAL ELECTRICAL DISTRIBUTION EQUIPMENT	315	1963	6	EA	20	63	-43	$25,000.00	$ 150,000	$ 173,109
GC	163	ES031	REPLACE FLUORESCENT LIGHTING	310	2021	2	EA	20	5	15	$250.00	$ 500	$ -
GC	163	ES032	REPLACE FOUR (4) ORIGINAL, LOW VOLTAGE RECEPTACLES & FIVE (5) OTHER LOW VOLTAGE RECEPTACLES THAT HAVE BEEN PAINTED OVER	UUU04	1963	9	EA	50	63	-13	$50.00	$ 450	$ 519
GC	164	ES033	REPLACE FLUORESCENT LIGHTING	310	2021	3	EA	20	5	15	$250.00	$ 750	$ -
GC	164	ES034	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	50	63	-13	$50.00	$ 50	$ 58
GC	165	ES035	REPLACE FLUORESCENT LIGHTING	310	2021	2	EA	20	5	15	$250.00	$ 500	$ -
GC	165	ES036	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	2	EA	50	63	-13	$50.00	$ 100	$ 115
GC	166	ES037	REPLACE FLUORESCENT LIGHTING	310	2021	2	EA	20	5	15	$250.00	$ 500	$ -
GC	180	ES038	REPLACE FLUORESCENT LIGHTING	310	2021	2	EA	20	5	15	$250.00	$ 500	$ -
GC	180	ES039	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	3	EA	50	63	-13	$50.00	$ 150	$ 173
GC	181	ES040	REPLACE FLUORESCENT LIGHTING	310	2021	3	EA	20	5	15	$250.00	$ 750	$ -
GC	181	ES041	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	4	EA	50	63	-13	$50.00	$ 200	$ 231
GC	182	ES042	REPLACE FLUORESCENT LIGHTING	310	2021	3	EA	20	5	15	$250.00	$ 750	$ -
GC	182	ES043	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	2	EA	50	63	-13	$50.00	$ 100	$ 115
GC	183	ES044	REPLACE FLUORESCENT LIGHTING	310	2021	3	EA	20	5	15	$250.00	$ 750	$ -
GC	183	ES045	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	12	EA	50	63	-13	$50.00	$ 600	$ 692
GC	184	ES046	REPLACE FLUORESCENT LIGHTING	310	2021	2	EA	20	5	15	$250.00	$ 500	$ -
GC	185	ES047	REPLACE FLUORESCENT LIGHTING	310	2021	2	EA	20	5	15	$250.00	$ 500	$ -
GC	186	ES048	REPLACE FLUORESCENT LIGHTING	315	2021	4	EA	20	5	15	$250.00	$ 1,000	$ -
GC	186	ES049	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	50	63	-13	$50.00	$ 50	$ 58
GC	190	ES050	REPLACE FLUORESCENT LIGHTING	310	2021	6	EA	20	5	15	$250.00	$ 1,500	$ -
GC	190	ES051	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	4	EA	50	63	-13	$50.00	$ 200	$ 231
GC	191	ES052	REPLACE FLUORESCENT LIGHTING	310	2021	2	EA	20	5	15	$250.00	$ 500	$ -

SCHOOLCRAFT COLLEGE; GROTE CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
GC	191	ES053	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	2	EA	50	63	-13	$50.00	$ 100	$ 115
GC	200	ES054	REPLACE FLUORESCENT LIGHTING	X03	2021	2	EA	20	5	15	$250.00	$ 500	$ -
GC	210	ES055	REPLACE FLUORESCENT LIGHTING	X03	2021	2	EA	20	5	15	$250.00	$ 500	$ -
GC	220	ES056	REPLACE FLUORESCENT LIGHTING	310	2021	6	EA	20	5	15	$250.00	$ 1,500	$ -
GC	220	ES057	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	2	EA	50	63	-13	$50.00	$ 100	$ 115
GC	221	ES058	REPLACE FLUORESCENT LIGHTING	310	2021	3	EA	20	5	15	$250.00	$ 750	$ -
GC	221	ES059	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	4	EA	50	63	-13	$50.00	$ 200	$ 231
GC	222	ES060	REPLACE FLUORESCENT LIGHTING	310	2021	2	EA	20	5	15	$250.00	$ 500	$ -
GC	222	ES061	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	50	63	-13	$50.00	$ 50	$ 58
GC	230	ES062	REPLACE FLUORESCENT LIGHTING	315	2021	1	EA	20	5	15	$250.00	$ 250	$ -
GC	230	ES063	REPLACE PLUGSTRIP WITH MODERN RACEWAY AND 120 V RECEPTACLE	UUU04	1963	1	EA	50	63	-13	$50.00	$ 50	$ 58
GC	250	ES064	REPLACE FLUORESCENT LIGHTING	310	2012	6	EA	20	14	6	$250.00	$ 1,500	$ 1,731
GC	250	ES065	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	6	EA	50	63	-13	$50.00	$ 300	$ 346
GC	251	ES066	REPLACE FLUORESCENT LIGHTING	310	2021	4	EA	20	5	15	$250.00	$ 1,000	$ -
GC	251	ES067	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	50	63	-13	$50.00	$ 50	$ 58
GC	252	ES068	REPLACE FLUORESCENT LIGHTING	310	2021	3	EA	20	5	15	$250.00	$ 750	$ -
GC	510	ES069	REPLACE FLUORESCENT LIGHTING	355	1963	3	EA	20	63	-43	$250.00	$ 750	$ 866
GC	510	ES070	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	4	EA	50	63	-13	$50.00	$ 200	$ 231
GC	520	ES071	REPLACE LIGHTING	350	*1998*	15	EA	20	28	-8	$250.00	$ 3,750	$ 4,328
GC	1000	ES072	REPLACE FLUORESCENT LIGHTING	W06	2006	16	EA	20	20	0	$250.00	$ 4,000	$ 4,616
GC	1000	ES073	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	2	EA	50	63	-13	$50.00	$ 100	$ 115
GC	1001	ES074	REPLACE FLUORESCENT LIGHTING	W06	2006	6	EA	20	20	0	$250.00	$ 1,500	$ 1,731
GC	1001	ES075	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE LOCATED AT NORTH ENTRANCE TO GC520	UUU04	1963	1	EA	50	63	-13	$50.00	$ 50	$ 58
GC	1002	ES076	REPLACE FLUORESCENT LIGHTING	W06	2006	6	EA	20	20	0	$250.00	$ 1,500	$ 1,731
GC	1002	ES077	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE LOCATED AT SOUTH ENTRANCE TO GC520	UUU04	1963	1	EA	50	63	-13	$50.00	$ 50	$ 58
GC	2000	ES078	REPLACE FLUORESCENT LIGHTING	W05	2006	16	EA	20	20	0	$250.00	$ 4,000	$ 4,616
GC	2000	ES079	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	3	EA	50	63	-13	$50.00	$ 150	$ 173
GC	2001	ES080	REPLACE FLUORESCENT LIGHTING	W06	2021	3	EA	20	5	15	$250.00	$ 750	$ -
GC	2001	ES081	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	6	EA	50	63	-13	$50.00	$ 300	$ 346
GC	EXTERIOR-LIGHTING	ES082	EXTERIOR BUILDING MOUNTED LIGHTING	UUU10	2006	10	EA	20	20	0	$250.00	$ 2,500	$ 2,885
			BUILDING SYSTEMS (Fire, security, IT/media infrastructure. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 66,358
GC	12	BS001	BOILER EPO SYSTEM	Y04	2006	1	EA	20	20	0	$7,500.00	$ 7,500	$ 8,655
GC	13	BS002	NATIONAL TIME & SIGNAL (NTS) CLOCK SYSTEM	Y04	1963	1	EA	20	63	-43	$50,000.00	$ 50,000	$ 57,703
			SPECIALTY EQUIPMENT (Food service, theatre, labs, shops. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
GC										0	$0.00	$ -	$ -
			ACCESSIBILITY IMPROVEMENTS (Building codes & ADA standards for accessible design. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 1,155
GC	1000	AS001	FIRE EXTINGUISHER ACCESSIBILITY	W05 AND W06	1963	1	EA	50	63	-13	$200.00	$ 200	$ 231
GC	1001	AS002	FIRE EXTINGUISHER ACCESSIBILITY	W05 AND W06	1963	1	EA	50	63	-13	$200.00	$ 200	$ 231
GC	1002	AS003	FIRE EXTINGUISHER ACCESSIBILITY	W05 AND W06	1963	1	EA	50	63	-13	$200.00	$ 200	$ 231
GC	2000	AS004	FIRE EXTINGUISHER ACCESSIBILITY	W05 AND W06	1963	1	EA	50	63	-13	$200.00	$ 200	$ 231
GC	2001	AS005	FIRE EXTINGUISHER ACCESSIBILITY	W05 AND W06	1963	1	EA	50	63	-13	$200.00	$ 200	$ 231
												ANNUAL FUNDING REQUIREMENTS (ROUNDED):	$ 1,271,103

EVALUATION DATE: 10/19/2026

SCHOOLCRAFT COLLEGE; HEALTH SCIENCES CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

SCHEDULED MAINTENANCE PROGRAM - CURRENT YEAR:	2026

BUILDING SECTION (BUILDING TYPE)	BUILDING AGE (YRS)	BUILDING AREA (GSF)
HEALTH SCIENCES CENTER - TOTAL (CLASSROOM)		110,800
APPLIED SCIENCE - ORIGINAL	1965	46,755
APPLIED SCIENCE - NORTH WING	1972	27,345
HEALTH SCIENCES CENTER - BUILDING EXPANSIONS	2021	36,700

MAINTENANCE BACKLOG VALUE FOR BUILDING:	$ 3,792,010	- YEAR: 2027
REPLACEMENT VALUE FOR THE BUILDING:	$ 45,480,000	
FACILITY CONDITION INDEX (FCI):	8%	

PV OF TOTAL ANNUAL RESERVES:	$ 3,646,163	- YEAR: 2027

Schoolcraft College

FCI	BUILDING CONDITION
FCI < 10%	GOOD
10%< FCI< 30%	FAIR
30% < FCI	POOR (NEEDS ATTENTION)
ABOVE 60%	CONSIDER REPLACEMENT

SOURCE: OpenGov

INFLATION RATE (%):	YEAR
2.4%	2024
3.7%	2025
4.0%	2026
4.0%	2027
4.0%	2028
4.0%	2029
4.0%	2030
4.0%	2031
4.0%	2032
4.0%	2033

ITEM NO. CODES
AI: ACCESSIBILITY IMPROVEMENT
BE: BUILDING EXTERIOR
BI: BUILDING INTERIOR
BS: BUILDING SYSTEM
ES: ELECTRICAL SYSTEM
MS: MECHANICAL SYSTEM
PS: PLUMBING SYSTEM
SG: SITE GROUNDS
SE: SPECIALTY EQUIPMENT

LEGEND
AVG: AVERAGE
CF: CUBIC FEET
CY: CUBIC YARDS
EA: EACH
EUL: ESTIMATED USEFUL LIFE
GSF: GROSS SQUARE FEET
LOC: LOCATION (SITE/BLDG)
PV: PRESENT VALUE
RUL: ESTIMATED USEFUL LIFE
SF: SQUARE FEET
SY: SQUARE YARDS
YRS: YEARS

REMAINING USEFUL LIFE (RUL) BAROMETER
- RUL = 1 YEAR OR LESS
- RUL = 2 YEARS TO 9 YEARS
- RUL = 10 YEARS OR GREATER
- (11 YEARS OR GREATER NOT FACTORED INTO FCI)

ITEM NO.
Picture(s) associated with blue & underlined item no.

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			BUILDING ENVELOPE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 1,831,782
HS	84	BE001	REPLACE DOOR AND DOOR HARDWARE ON AS84 - MEZZ MECHANICAL ROOM TO EXTERIOR	Y04	1972	1	EA	15	54	-39	$2,500.00	$ 2,500	$ 2,885
HS	84	BE002	PENTHOUSE EXTERIOR LOUVER	Y04	1972	50	SF	40	54	-14	$250.00	$ 12,500	$ 14,426
HS	EXTERIOR-ALL ELEVATIONS	BE003	EXTERIOR SOFFIT REPAIRS AND PAINTING	MMM16	1965	6,500	SF	15	61	-46	$15.00	$ 97,500	$ 112,521
HS	EXTERIOR-ALL ELEVATIONS	BE005	REPAIR EXT SOFFITS AND PAINT	MMM16	1965	200	SF	75	61	14	$15.00	$ 3,000	$ -
HS	EXTERIOR-BUILDING WIDE	BE006	EXTERIOR SEALANT MAINTENANCE	MMM16	1965	2,000	LF	20	61	-41	$8.00	$ 16,000	$ 18,465
HS	EXTERIOR-BUILDING WIDE	BE007	CLEAN EXTERIOR BRICK EFFLORESCENCE	MMM16	1965	200	SF	75	61	14	$8.00	$ 1,600	$ -
HS	EXTERIOR-MEZZANINE MECH ROOM	BE008	REPLACE EXTERIOR BENCHES IN NORTHWEST PATIO AREA WITH COLLEGE STANDARD LANDSCAPING FURNITURE	SSS02	1972	50	LF	20	54	-34	$250.00	$ 12,500	$ 14,426
HS	EXTERIOR-NORTH PENTHOUSE	BE009	PENTHOUSE EXTERIOR LOUVER	MMM16	1972	50	SF	40	54	-14	$250.00	$ 12,500	$ 14,426
HS	EXTERIOR-NORTHWEST ENTRANCE	BE010	NORTHWEST RETAINING WALL LIMESTONE CAP REPAIRS	MMM09	1972	30	LF	50	54	-4	$250.00	$ 7,500	$ 8,655
HS	EXTERIOR-NORTHWEST PATIO	BE011	REPLACE EXTERIOR BENCHES IN SOUTHWEST PATIO AREA WITH COLLEGE STANDARD LANDSCAPING FURNITURE	SSS02	1965	32	LF	20	61	-41	$250.00	$ 8,000	$ 9,232
HS	EXTERIOR - NORTHWEST SIDE OF BUILDING	BE012	NORTHWEST CONCRETE STEPS REPLACEMENT	SSS08	*2000*	150	LF	25	26	-1	$75.00	$ 11,250	$ 12,983
HS	EXTERIOR-NORTHWEST SIDE OF BUILDING	BE013	SPALLING FACE BRICK REPAIRS (ESPECIALLY EAST EXPOSURE)	MMM16	1965	700	SF	75	61	14	$40.00	$ 28,000	$ -
HS	EXTERIOR-SOUTH ENTRANCE	BE014	SOUTHWEST RETAINING WALL MASONRY AND LIMESTONE CAP REPAIRS	MMM09	1965	18	LF	50	61	-11	$250.00	$ 4,500	$ 5,193
HS	EXTERIOR-SOUTHEAST BUILDING WINGS	BE015	EXTERIOR DOOR REPLACEMENTS (ACCELERATED DETERIORATION AT EAST DOORS)	MMM16	2006	1	EA	25	20	5	$2,500.00	$ 2,500	$ 2,885
HS	EXTERIOR-ROOF	BE017, BE017A	TAN, SINGLE-PLY REROOFING	MMM16	2003	28,000	SF	25	23	2	$50.00	$ 1,400,000	$ 1,615,684
			BUILDING INTERIOR (DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 591,802
HS	40	BI001	SOUTH WING TOILET ROOM UPGRADES (INCLUDES PLUMBING FIXTURES, ADA COMPLIANCE IMPROVEMENTS, AND LIGHTING UPGRADES)	X03	2004	450	SF	25	22	3	$300.00	$ 135,000	$ 155,798
HS	41	BI002	SOUTH WING TOILET ROOM UPGRADES (INCLUDES PLUMBING FIXTURES, ADA COMPLIANCE IMPROVEMENTS, AND LIGHTING UPGRADES)	X03	2004	400	SF	25	22	3	$300.00	$ 120,000	$ 138,487
HS	44	BI003	NORTH WING TOILET ROOM UPGRADES (INCLUDES PLUMBING FIXTURES, ADA COMPLIANCE IMPROVEMENTS, AND LIGHTING UPGRADES)	X03	2008	450	SF	25	18	7	$300.00	$ 135,000	$ 155,798
HS	45	BI004	NORTH WING TOILET ROOM UPGRADES (INCLUDES PLUMBING FIXTURES, ADA COMPLIANCE IMPROVEMENTS, AND LIGHTING UPGRADES)	X03	2008	400	SF	25	18	7	$300.00	$ 120,000	$ 138,487
HS	581	BI005	REPLACE DAMAGED AND STAINED ACOUST CEILING PANELS	310	2007	400	SF	15	19	-4	$7.00	$ 2,800	$ 3,231

SCHOOLCRAFT COLLEGE; HEALTH SCIENCES CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			PLUMBING SYSTEMS (May be packaged with BI item scope, DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 11,541
HS	12	PS001	DOMESTIC HOT WATER REPLACEMENT - SOUTH WING	Y04	2008	1	EA	10	18	-8	$5,000.00	$ 5,000	$ 5,770
HS	84	PS002	DOMESTIC HOT WATER REPLACEMENT - NORTH WING	Y04	2008	1	EA	10	18	-8	$5,000.00	$ 5,000	$ 5,770
			MECHANICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 958,447
HS	100	MS001	NURSING LABS AIR COMPRESSOR (FOR OXYGEN SIMULATION) REPLACEMENT	210	2005	1	EA	20	21	-1	$30,000.00	$ 30,000	$ 34,622
HS	100	MS002	NURSING LABS VACUUM PUMP REPLACEMENT (SOUTH WING)	210	2005	1	EA	20	21	-1	$30,000.00	$ 30,000	$ 34,622
HS	143	MS003	MAIN COMPUTER ROOM PRIMARY A/C SYSTEM AND ASSOCIATED ROOF MOUNTED CONDENSER	715	2010	1	EA	20	16	4	$25,000.00	$ 25,000	$ 28,851
HS	94	MS004	REPLACEMENT OF FIVE (5) INDOOR AIR HANDLING UNITS INSTALLED UNDER MECHANICAL SYSTEMS UPGRADE PROJECT (CLIMATECRAFT)	Y04	2008	5	EA	25	18	7	$120,000.00	$ 600,000	$ 692,436
HS	EXTERIOR-UTILITY YARD	MS005	AIR-COOLED CHILLER REPLACEMENT	UUU20	2008	1	EA	20	18	2	$100,000.00	$ 100,000	$ 115,406
HS	INTERIOR-BUILDING WIDE	MS006	HVAC SYSTEMS CLEANING - NORTH BUILDING	UUU25	2010	24,000	SF	5	16	-11	$0.65	$ 15,600	$ 18,003
HS	INTERIOR-BUILDING WIDE	MS007	HVAC SYSTEMS CLEANING - SOUTH BUILDING	UUU25	2000	46,000	SF	5	26	-21	$0.65	$ 29,900	$ 34,506
			ELECTRICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 363,817
HS	11	ES001	LIFE SAFETY AUTOMATIC TRANSFER SWITCH (ATS-HXE)	Y04	2015	1	EA	20	11	9	$10,000.00	$ 10,000	$ 11,541
HS	11	ES002	STANDBY POWER SYSTEMS AUTOMATIC TRANSFER SWITCH (ATS-HXNE)	Y04	2015	1	EA	20	11	9	$10,000.00	$ 10,000	$ 11,541
HS	11	ES003, ES003A	REPLACE ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	1965	2	EA	20	61	-41	$25,000.00	$ 50,000	$ 57,703
HS	11	ES004	REPLACE MECHANICAL/ELECTRICAL ROOM FLUOR. LIGHTING	Y04	1965	5	EA	20	61	-41	$250.00	$ 1,250	$ 1,443
HS	12	ES005	REPLACE MECHANICAL/ELECTRICAL ROOM FLUOR. LIGHTING	Y04	2008	7	EA	20	18	2	$250.00	$ 1,750	$ 2,020
HS	13	ES006	MAIN SWITCHBOARD	Y04	2021	1	EA	20	5	15	$25,000.00	$ 25,000	$ -
HS	30	ES007	REPLACE CUSTODIAL ROOM FLUOR. LIGHTING	X01	1965	1	EA	20	61	-41	$250.00	$ 250	$ 289
HS	33	ES008	REPLACE MECHANICAL/ELECTRICAL ROOM FLUOR. LIGHTING	Y04	1965	6	EA	20	61	-41	$250.00	$ 1,500	$ 1,731
HS	40	ES009	REPLACE PUBLIC TOILET ROOM FLUOR. LIGHTING	X03	2004	2	EA	20	22	-2	$250.00	$ 500	$ 577
HS	41	ES010	REPLACE PUBLIC TOILET ROOM FLUOR. LIGHTING	X03	2004	6	EA	20	22	-2	$250.00	$ 1,500	$ 1,731
HS	42	ES011	REPLACE ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	1965	2	EA	20	61	-41	$25,000.00	$ 50,000	$ 57,703
HS	42	ES012	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	Y04	1965	2	EA	20	61	-41	$5,000.00	$ 10,000	$ 11,541
HS	42	ES013	REPLACE MECHANICAL/ELECTRICAL ROOM FLUOR. LIGHTING	Y04	2008	7	EA	20	18	2	$250.00	$ 1,750	$ 2,020
HS	44	ES014	REPLACE PUBLIC TOILET ROOM FLUOR. LIGHTING	X03	2004	6	EA	20	22	-2	$250.00	$ 1,500	$ 1,731
HS	45	ES015	REPLACE PUBLIC TOILET ROOM FLUOR. LIGHTING	X03	2004	1	EA	20	22	-2	$250.00	$ 250	$ 289
HS	53	ES016	REPLACE MECHANICAL/ELECTRICAL ROOM FLUOR. LIGHTING	Y04	1965	3	EA	20	61	-41	$250.00	$ 750	$ 866
HS	81	ES017	REPLACE PUBLIC TOILET ROOM FLUOR. LIGHTING	W06	1972	1	EA	20	54	-34	$250.00	$ 250	$ 289
HS	82	ES018	REPLACE PUBLIC TOILET ROOM FLUOR. LIGHTING	X03	2008	2	EA	20	18	2	$250.00	$ 500	$ 577
HS	83	ES019	REPLACE PUBLIC TOILET ROOM FLUOR. LIGHTING	X03	2008	6	EA	20	18	2	$250.00	$ 1,500	$ 1,731
HS	84	ES020	REPLACE ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	1972	1	EA	20	54	-34	$25,000.00	$ 25,000	$ 28,851
HS	84	ES021	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	Y04	1972	2	EA	20	54	-34	$5,000.00	$ 10,000	$ 11,541
HS	84	ES022	REPLACE MECHANICAL/ELECTRICAL ROOM FLUOR. LIGHTING	Y04	2008	10	EA	20	18	2	$250.00	$ 2,500	$ 2,885
HS	85	ES023	REPLACE CUSTODIAL ROOM FLUOR. LIGHTING	X01	2008	2	EA	20	18	2	$250.00	$ 500	$ 577
HS	86	ES024	REPLACE PUBLIC TOILET ROOM FLUOR. LIGHTING	X03	2008	1	EA	20	18	2	$250.00	$ 250	$ 289
HS	87	ES025	REPLACE PUBLIC TOILET ROOM FLUOR. LIGHTING	X03	2008	6	EA	20	18	2	$250.00	$ 1,500	$ 1,731
HS	88	ES026	REPLACE PUBLIC TOILET ROOM FLUOR. LIGHTING	X03	2008	2	EA	20	18	2	$250.00	$ 500	$ 577
HS	141	ES027	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	715	*1965*	2	EA	20	61	-41	$5,000.00	$ 10,000	$ 11,541
HS	150	ES028	REPLACE OFFICE FLUOR. LIGHTING	310	2006	10	EA	20	20	0	$250.00	$ 2,500	$ 2,885
HS	164	ES029	REPLACE CLASSROOM FLUOR. LIGHTING	110	2009	16	EA	20	17	3	$250.00	$ 4,000	$ 4,616

SCHOOLCRAFT COLLEGE; HEALTH SCIENCES CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
HS	165	ES030	REPLACE CLASSROOM FLUOR. LIGHTING	110	2009	16	EA	20	17	3	$250.00	$ 4,000	$ 4,616
HS	400	ES031	REPLACE OFFICE FLUOR. LIGHTING	310	2008	8	EA	20	18	2	$250.00	$ 2,000	$ 2,308
HS	401	ES032	REPLACE OFFICE FLUOR. LIGHTING	310	2008	2	EA	20	18	2	$250.00	$ 500	$ 577
HS	540	ES033	REPLACE OFFICE FLUOR. LIGHTING	315	2007	35	EA	20	19	1	$250.00	$ 8,750	$ 10,098
HS	560	ES034	REPLACE OFFICE FLUOR. LIGHTING	315	2007	12	EA	20	19	1	$250.00	$ 3,000	$ 3,462
HS	570	ES035	REPLACE OFFICE FLUOR. LIGHTING	315	2007	11	EA	20	19	1	$250.00	$ 2,750	$ 3,174
HS	581	ES036	REPLACE OFFICE FLUOR. LIGHTING	310	2007	6	EA	20	19	1	$250.00	$ 1,500	$ 1,731
HS	582	ES037	REPLACE OFFICE FLUOR. LIGHTING	310	2007	4	EA	20	19	1	$250.00	$ 1,000	$ 1,154
HS	583	ES038	REPLACE OFFICE FLUOR. LIGHTING	310	2007	4	EA	20	19	1	$250.00	$ 1,000	$ 1,154
HS	587	ES039	REPLACE OFFICE FLUOR. LIGHTING	310	2007	2	EA	20	19	1	$250.00	$ 500	$ 577
HS	600	ES040	REPLACE CLASSROOM FLUOR. LIGHTING	210	2001	12	EA	20	25	-5	$250.00	$ 3,000	$ 3,462
HS	610	ES041	REPLACE CLASSROOM FLUOR. LIGHTING	210	2002	12	EA	20	24	-4	$250.00	$ 3,000	$ 3,462
HS	700	ES042	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	755	1972	2	EA	20	54	-34	$5,000.00	$ 10,000	$ 11,541
HS	700	ES043	REPLACE CLASSROOM FLUOR. LIGHTING	755	2006	4	EA	20	20	0	$250.00	$ 1,000	$ 1,154
HS	710	ES044	REPLACE CLASSROOM FLUOR. LIGHTING	110	2008	11	EA	20	18	2	$250.00	$ 2,750	$ 3,174
HS	720	ES045	REPLACE CLASSROOM FLUOR. LIGHTING	110	2008	11	EA	20	18	2	$250.00	$ 2,750	$ 3,174
HS	730	ES046	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	350	1972	2	EA	20	54	-34	$5,000.00	$ 10,000	$ 11,541
HS	730	ES047	REPLACE CONFERENCE ROOM FLUOR. LIGHTING	350	2008	4	EA	20	18	2	$250.00	$ 1,000	$ 1,154
HS	740	ES048	REPLACE CLASSROOM FLUOR. LIGHTING	110	2005	9	EA	20	21	-1	$250.00	$ 2,250	$ 2,597
HS	800	ES049	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	210	1972	2	EA	20	54	-34	$5,000.00	$ 10,000	$ 11,541
HS	800	ES050	REPLACE CLASSROOM FLUOR. LIGHTING	210	2006	15	EA	20	20	0	$250.00	$ 3,750	$ 4,328
HS	820	ES051	REPLACE CLASSROOM FLUOR. LIGHTING	110	2005	12	EA	20	21	-1	$250.00	$ 3,000	$ 3,462
HS	830	ES052	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	210	1972	2	EA	20	54	-34	$5,000.00	$ 10,000	$ 11,541
HS	830	ES053	REPLACE CLASSROOM FLUOR. LIGHTING	210	2006	15	EA	20	20	0	$250.00	$ 3,750	$ 4,328
HS	840	ES054	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	210	1972	1	EA	20	54	-34	$5,000.00	$ 5,000	$ 5,770
HS	840	ES055	REPLACE CLASSROOM FLUOR. LIGHTING	210	2005	11	EA	20	21	-1	$250.00	$ 2,750	$ 3,174
HS	860	ES056	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	210	1972	2	EA	20	54	-34	$5,000.00	$ 10,000	$ 11,541
HS	860	ES057	REPLACE CLASSROOM FLUOR. LIGHTING	210	2011	23	EA	20	15	5	$250.00	$ 5,750	$ 6,636
HS	862	ES058	REPLACE CUSTODIAL ROOM FLUOR. LIGHTING	215	2011	2	EA	20	15	5	$250.00	$ 500	$ 577
HS	870	ES059	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	110	2022	1	EA	20	4	16	$5,000.00	$ 5,000	$ -
HS	1000	ES060	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	W06	2022	2	EA	20	4	16	$5,000.00	$ 10,000	$ -
HS	1102	ES061	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	W06	2022	1	EA	20	4	16	$5,000.00	$ 5,000	$ -
HS	1200	ES062	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	W06	2022	2	EA	20	4	16	$5,000.00	$ 10,000	$ -
HS	3000	ES063	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	W06	2022	1	EA	20	4	16	$5,000.00	$ 5,000	$ -
HS	6000	ES064	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	W06	2022	1	EA	20	4	16	$5,000.00	$ 5,000	$ -
			BUILDING SYSTEMS (Fire, security, IT/media infrastructure. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 34,622
HS	12	BS001	IT SYSTEMS	Y04	*2008*	1	EA	20	18	2	$15,000.00	$ 15,000	$ 17,311
HS	30	BS002	IT SYSTEMS	X01	*2008*	1	EA	20	18	2	$15,000.00	$ 15,000	$ 17,311
			SPECIALTY EQUIPMENT (Food service, theatre, labs, shops. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
HS										0	$0.00	$ -	$ -
			ACCESSIBILITY IMPROVEMENTS (Building codes & ADA standards for accessible design. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
HS										0	$0.00	$ -	$ -
												ANNUAL FUNDING REQUIREMENTS (ROUNDED):	$ 3,792,010

SCHOOLCRAFT COLLEGE; JEFFRESS CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

SCHEDULED MAINTENANCE PROGRAM - CURRENT YEAR:	2026

BUILDING SECTION (BUILDING TYPE)	BUILDING AGE (YRS)	BUILDING AREA (GSF)
JEFFRESS CENTER (FORMERLY 7 MILE BUILDING)		109,680
WINGS A AND B	1980	
WING C	1984	
RENOVATED	2014	

MAINTENANCE BACKLOG VALUE FOR BUILDING:	$ 3,185,101	- YEAR: 2027
REPLACEMENT VALUE FOR THE BUILDING:	$ 48,106,000	
FACILITY CONDITION INDEX (FCI):	7%	

PV OF TOTAL ANNUAL RESERVES:	$ 3,047,944	- YEAR: 2027

FCI	BUILDING CONDITION
FCI < 10%	GOOD
10%< FCI< 30%	FAIR
30% < FCI	POOR (NEEDS ATTENTION)
ABOVE 60%	CONSIDER REPLACEMENT

SOURCE: OpenGov

INFLATION RATE (%)	YEAR
2.4%	2024
3.7%	2025
4.0%	2026
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4.0%	2029
4.0%	2030
4.0%	2031
4.0%	2032
4.0%	2033

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MS: MECHANICAL SYSTEM
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SG: SITE GROUNDS
SE: SPECIALTY EQUIPMENT

LEGEND
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CF: CUBIC FEET
CY: CUBIC YARDS
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GSF: GROSS SQUARE FEET
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PV: PRESENT VALUE
RUL: ESTIMATED USEFUL LIFE
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SY: SQUARE YARDS
YRS: YEARS

REMAINING USEFUL LIFE (RUL) BAROMETER
- RUL = 1 YEAR OR LESS
- RUL = 2 YEARS TO 9 YEARS
- RUL = 10 YEARS OR GREATER
- (11 YEARS OR GREATER NOT FACTORED INTO FCI)

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Picture(s) associated with blue & underlined item no.

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			BUILDING ENVELOPE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 1,958,444
JC	EXTERIOR-EAST ELEVATION	BE002	PAINT SIAMEESE CONNECTION	UUU12	1985	1	EA	40	41	-1	$200.00	$ 200	$ 231
JC	EXTERIOR-EAST ELEVATION	BE003	METAL PANELS ARE SHOWING RUST AT WEEP HOLES	MMM16	1985	1	LS	40	41	-1	$250.00	$ 250	$ 289
JC	EXTERIOR-EAST ELEVATION	BE004	SOFFIT VENTS ARE SHOWING WEAR AND SHOULD BE REPLACED	MMM16	1985	165	EA	40	41	-1	$250.00	$ 41,250	$ 47,605
JC	EXTERIOR-EAST ELEVATION	BE005	SOME METAL PANELS ARE INDICATING PITS	MMM16	1985	1	LS	40	41	-1	$8.00	$ 8	$ 9
JC	EXTERIOR-NORTH ELEVATION	BE006	DRAINAGE PIPES ARE EXPOSED AT GRADE	UUU16	1980	85	LF	40	46	-6	$35.00	$ 2,975	$ 3,433
JC	EXTERIOR-NORTH ELEVATION	BE009	METAL PANEL DAMAGED	MMM16	1980	1	EA	45	46	-1	$8.00	$ 8	$ 9
JC	EXTERIOR-NORTH ELEVATION	BE010	ALUMINUM INFILL PANELS ARE SHOWING PITTING	MMM16	1980	1	EA	45	46	-1	$8.00	$ 8	$ 9
JC	EXTERIOR-NORTH ELEVATION	BE011	ACUTE CORNERS COLLECT DIRT AND DEBRIS - CLEAN METAL PANELS AND GLASS CURTAIN WALL	MMM16	1980	1	LS	45	46	-1	$250.00	$ 250	$ 289
JC	EXTERIOR-NORTH ELEVATION	BE012	RECAULK ALL BRICK CONTROL JOINTS	MMM16	1980	240	LF	45	46	-1	$7.00	$ 1,680	$ 1,939
JC	EXTERIOR-NORTH ELEVATION	BE013	EFFLORESCENCE IS COMING OUT OF THE BRICK (TILES) CLEAN BRICK-POSSIBLE LEAK IN WALL	MMM16	1980	6	LF	45	46	-1	$3.00	$ 18	$ 21
JC	EXTERIOR-NORTH ELEVATION	BE014	FOUNDATION AND WATERPROOFING EXPOSED-CORRECT AND RAISE GRADE	MMM16	1980	50	LF	45	46	-1	$8.00	$ 400	$ 462
JC	EXTERIOR-NORTH ELEVATION	BE015	FOUNDATION IS CRACKING AT CANOPY COLUMN	MMM16	1980	1	LS	45	46	-1	$2,500.00	$ 2,500	$ 2,885
JC	EXTERIOR-WEST ELEVATION	BE016	OLD SIGNAGE HOLES ARE IN THE METAL PANELS	MMM16	1980	300	SF	45	46	-1	$7.00	$ 2,100	$ 2,424
JC	EXTERIOR-SOUTH ELEVATION	BE017	CONCRETE RETAINING WALLS ARE SPALLING AND NEED REPAIRS	MMM09	1980	80	LF	45	46	-1	$45.00	$ 3,600	$ 4,155
JC	EXTERIOR-SOUTH ELEVATION	BE018	SOME CONCRETE RETAINING WALLS ARE CRACKING AND MAY NEED WATERPOOFING ON BACKSIDE	MMM09	1980	40	LF	45	46	-1	$45.00	$ 1,800	$ 2,077
JC	EXTERIOR-SOUTH ELEVATION	BE020, BE020A, BE020B, BE020C	PLASTIC COATING RAIL SYSTEM IS FAILING-NEEDS REPLACEMENT, AS WELL AS THE CONCRETE LOADING DOCK PLATFORM	MMM16	1980	600	SF	15	46	-31	$50.00	$ 30,000	$ 34,622
JC	EXTERIOR-SOUTH ELEVATION	BE021	REPAINT METAL EXT SOFFIT AT ENFRY JC4	MMM16	1980	200	SF	45	46	-1	$2.00	$ 400	$ 462
JC	EXTERIOR-SOUTH ELEVATION	BE022	REPAIR CHIPS OR HOLES IN PORCELAIN METAL PANELS	MMM16	1980	2	EA	45	46	-1	$8.00	$ 16	$ 18
JC	EXTERIOR-SOUTH ELEVATION	BE023	REPAIR DAMAGED ALUMINUM CURTAINWALL AT ENTRY JC4 SOFFIT	MMM16	1980	4	LF	45	46	-1	$200.00	$ 800	$ 923
JC	EXTERIOR-ROOF	BE024	ROOF MEMBRANE APPEARS TO BE WORN	MMM16	*2010*	31,500	SF	20	16	4	$50.00	$ 1,575,000	$ 1,817,644
JC	EXTERIOR-ROOF	BE027, BE027A	EXHAUST FLUES AND EXHAUST FANS ARE RUSTING AND NEED TO BE PAINTED OR REPLACED	UUU25	1980	3	EA	25	46	-21	$2,500.00	$ 7,500	$ 8,655
JC	EXTERIOR-ROOF	BE028	GAS PIPING IS RUSTING AND NEEDS TO BE PAINTED	UUU12	1980	500	LF	15	46	-31	$7.00	$ 3,500	$ 4,039
JC	EXTERIOR-ROOF	BE029	ROOF MEMBRANE APPEARS TO BE WORN FROM DEBRIS	MMM16	*2010*	1,147	SF	20	16	4	$3.00	$ 3,441	$ 3,971
JC	EXTERIOR-ROOF	BE030	ROOF SCREEN WALL MAINTENANCE	MMM16	1985	300	SF	25	41	-16	$6.00	$ 1,800	$ 2,077
JC	EXTERIOR-ROOF	BE031	METAL FLASHING REPAIR	MMM16	1985	5	LF	20	41	-21	$3,500.00	$ 17,500	$ 20,196

SCHOOLCRAFT COLLEGE; JEFFRESS CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

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			BUILDING INTERIOR (DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 61,188
JC	010	BI001, BI001A	SKYLIGHT/GREENHOUSE FRAMING IS LEAKING AND NEEDS REGASKETING/SEALING	650	1985	1	EA	2	41	-39	$500.00	$ 500	$ 577
JC	011	BI002, BI002A	WALL ACCESS PANEL BLOCKED, CAULK FIXTURES, TOUCH-UP DOOR FRAMES	655	2014	75	SF	5	12	-7	$50.00	$ 3,750	$ 4,328
JC	013	BI004	PIPE NOT CAULKED AT WALL, DOOR NOT SEALED FOR NOISE	655	1984	1	LS	5	42	-37	$50.00	$ 50	$ 58
JC	014	BI005	ABANDONED WIRE TO BE REMOVED	210	2017	1	LS	25	9	16	$50.00	$ 50	$ -
JC	020	BI006	CARPET REDUCER STRIP IS WORN AND NEEDS REPLACING	W06	2014	1	EA	10	12	-2	$50.00	$ 50	$ 58
JC	58A	BI009	CAULK TOILET FIXTURES	X03	2025	1	EA	5	1	4	$50.00	$ 50	$ 58
JC	102	BI010	TOUCH-UP PAINT ON WALLS	110	2025	850	SF	5	1	4	$8.00	$ 6,800	$ 7,848
JC	106	BI012	REPLACE SCRATCHED WOOD DOOR	310	2014	1	EA	5	12	-7	$2,500.00	$ 2,500	$ 2,885
JC	253A	BI018	CONCRETE WALLS AT WALK BRIDGE IS SPALLING	W06	1980	300	SF	1	46	-45	$45.00	$ 13,500	$ 15,580
JC	310	BI019	RESILIENT BASE UNDER CABINET IS LOOSE	590	2016	1	EA	5	10	-5	$100.00	$ 100	$ 115
JC	320	BI020	PANIC BAR IS NOT INSTALLED PROPERLY WITH SURFACE MOUNTED STRIKE SCREWED TO FRAME	590	2014	1	EA	5	12	-7	$100.00	$ 100	$ 115
JC	A2	BI022	REPLACE STAINED AND DAMAGED ACOUSTICAL CEILING PANELS	W05	2014	1,250	SF	20	12	8	$7.00	$ 8,750	$ 10,098
JC	A3	BI023	REPLACE STAINED AND DAMAGED ACOUSTICAL CEILING PANELS	W05	2014	760	SF	20	12	8	$7.00	$ 5,320	$ 6,140
JC	C1	BI024	CARPET REDUCER STRIPS ARE WORN AND NEED REPLACING	W05	2014	1	EA	20	12	8	$50.00	$ 50	$ 58
JC	ST5	BI025	REPAIR OR REPLACE SCRATCHED WOOD DOOR	W07	2014	1	EA	20	12	8	$2,500.00	$ 2,500	$ 2,885
JC	ST6	BI026	STAIR WINDOW SAFETY IMPROVEMENTS - FLOOR 2	W07	1985	1	EA	50	41	9	$3,000.00	$ 3,000	$ 3,462
JC	ST6	BI027	STAIR WINDOW SAFETY IMPROVEMENTS - FLOOR 3	W07	1985	1	EA	50	41	9	$3,000.00	$ 3,000	$ 3,462
JC	ST6	BI028	STAIR WINDOW SAFETY IMPROVEMENTS - FLOOR 4	W07	1985	1	EA	50	41	9	$3,000.00	$ 3,000	$ 3,462
			PLUMBING SYSTEMS (May be packaged with BI item scope, DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 34,622
JC	01	PS001	FIRE PUMP SHOWING ITS AGE AND NEED MAINTENANCE / REPLACEMENT	Y04	1980	1	EA	25	46	-21	$30,000.00	$ 30,000	$ 34,622
			MECHANICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 157,529
JC	012	MS001	FINN TUBE IS RUNNING AND NOT BEING CONTROLLED POSSIBLE CONTROL VALVE NEEDS TO BE REPLACED. THE ROOM TEMPERATURE IS ABOVE 75 DEGREES IN SUMMER. MAINTENANCE / REPLACEMENT.	650	1985	1	EA	20	41	-21	$1,500.00	$ 1,500	$ 1,731
JC	70-PENTHOUSE WING A/B	MS007	CHW PUMPS REPLACEMENT	Y04	*1980*	2	EA	20	46	-26	$30,000.00	$ 60,000	$ 69,244
JC	EXTERIOR-ROOF	MS008	A/B WING CHILLER. MAINTENANCE / REPLACEMENT.	MMM16	1980	1	EA	20	46	-26	$75,000.00	$ 75,000	$ 86,554
JC	INTERIOR-BUILDING WID	MS009	FIN TUBE RADIATION. MAINTENANCE / REPLACEMENT.	MMM16	2014	100	SF	25	12	13	$1,500.00	$ 150,000	$ -
			ELECTRICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 253,893
JC	08	ES001	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS	Y04	1985	2	EA	20	41	-21	$5,000.00	$ 10,000	$ 11,541
JC	08	ES002	REPLACE ELECTRICAL DISTRIBUTION EQUIPMENT, MSWBD-2	Y04	1985	3	EA	20	41	-21	$25,000.00	$ 75,000	$ 86,554
JC	1EE	ES003	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS	Y04	1980	3	EA	20	46	-26	$5,000.00	$ 15,000	$ 17,311
JC	25	ES004	REPLACE ELECTRICAL DISTRIBUTION EQUIPMENT, MSWBD-1	Y04	1980	1	EA	20	46	-26	$25,000.00	$ 25,000	$ 28,851
JC	25	ES005	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS	Y04	1980	3	EA	20	46	-26	$5,000.00	$ 15,000	$ 17,311
JC	33	ES006	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS	Y04	1985	3	EA	20	41	-21	$5,000.00	$ 15,000	$ 17,311
JC	53	ES007	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS	Y04	1985	2	EA	20	41	-21	$5,000.00	$ 10,000	$ 11,541
JC	54	ES008	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS	Y04	1985	2	EA	20	41	-21	$5,000.00	$ 10,000	$ 11,541
JC	76	ES009	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS	Y04	1985	2	EA	20	41	-21	$5,000.00	$ 10,000	$ 11,541
JC	320-CLOSET CL-B3-1	ES010	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS	590	1980	2	EA	20	46	-26	$5,000.00	$ 10,000	$ 11,541
JC	EXTERIOR-GENERATOR YARD	ES011	REPLACE SERVICE TRANSFORMER	UUU25	1985	1	EA	20	41	-21	$25,000.00	$ 25,000	$ 28,851
			BUILDING SYSTEMS (Fire, security, IT/media infrastructure. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 527,982
JC	JC61	BS001	ADD BOILER ROOM EPO SYSTEM	Y04	1985	3	EA	20	41	-21	$150,000.00	$ 450,000	$ 519,327
JC	EXTERIOR-ROOF	BS002	REPAIR AND RECERTIFY LIGHTNING PROTECTION SYSTEM	UUU25	*1985*	1	LS	1	41	-40	$7,500.00	$ 7,500	$ 8,655

SCHOOLCRAFT COLLEGE; JEFFRESS CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

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SPECIALTY EQUIPMENT (Food service, theatre, labs, shops. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)												$ 191,442	
JC	1E (WING A) ELEVATOR NO. 20209	SE001	ELEVATOR MAINTENANCE	W02	2014	1	EA	4	12	-8	$85,245.00	$ 85,245	$ 98,378
JC	2E (WING C) ELEVATOR NO. 22228	SE002	ELEVATOR MAINTENANCE	W02	2014	1	EA	4	12	-8	$40,320.00	$ 40,320	$ 46,532
JC	3E (WING C) ELEVATOR NO. 22227	SE003	ELEVATOR MAINTENANCE	W02	2014	1	EA	4	12	-8	$40,320.00	$ 40,320	$ 46,532
ACCESSIBILITY IMPROVEMENTS (Building codes & ADA standards for accessible design. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)													$ -
JC										0	$0.00	$ -	$ -
ANNUAL FUNDING REQUIREMENTS (ROUNDED):													$ 3,185,101

SCHOOLCRAFT COLLEGE; LIBERAL ARTS - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

SCHEDULED MAINTENANCE PROGRAM - CURRENT YEAR:	2026

BUILDING SECTION (BUILDING TYPE)	BUILDING AGE (YRS)	BUILDING AREA (GSF)
LIBERAL ARTS (CLASSROOM)		45,475
LIBERAL ARTS - ORIGINAL	1967	40,071
LIBERAL ARTS - SOUTH ADDITION	1972	5,404

MAINTENANCE BACKLOG VALUE FOR BUILDING:	$ 2,450,452	- YEAR: 2027
REPLACEMENT VALUE FOR THE BUILDING:	$ 18,410,000	
FACILITY CONDITION INDEX (FCI):	13%	

PV OF TOTAL ANNUAL RESERVES:	$ 2,344,930	- YEAR: 2027

FCI	BUILDING CONDITION
FCI < 10%	GOOD
10%< FCI< 30%	FAIR
30% < FCI	POOR (NEEDS ATTENTION)
ABOVE 60%	CONSIDER REPLACEMENT

SOURCE: OpenGov

INFLATION RATE (%):	YEAR
2.4%	2024
3.7%	2025
4.0%	2026
4.5%	2027
4.0%	2028
4.0%	2029
4.0%	2030
4.0%	2031
4.0%	2032
4.0%	2033

ITEM NO. CODES
AI: ACCESSIBILITY IMPROVEMENT
BE: BUILDING EXTERIOR
BI: BUILDING INTERIOR
BS: BUILDING SYSTEM
ES: ELECTRICAL SYSTEM
MS: MECHANICAL SYSTEM
PS: PLUMBING SYSTEM
SG: SITE GROUNDS
SE: SPECIALTY EQUIPMENT

LEGEND
AVG: AVERAGE
CF: CUBIC FEET
CY: CUBIC YARDS
EA: EACH
EUL: ESTIMATED USEFUL LIFE
GSF: GROSS SQUARE FEET
LOC: LOCATION (SITE/BLDG)
PV: PRESENT VALUE
RUL: ESTIMATED USEFUL LIFE
SF: SQUARE FEET
SY: SQUARE YARDS
YRS: YEARS

REMAINING USEFUL LIFE (RUL) BAROMETER
- RUL = 1 YEAR OR LESS
- RUL = 2 YEARS TO 9 YEARS
- RUL = 10 YEARS OR GREATER

(11 YEARS OR GREATER NOT FACTORED INTO FCI)

ITEM NO.
Picture(s) associated with blue & underlined item no.

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			BUILDING ENVELOPE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 120,230
LA	82	BE001	BRICK GATE/DOOR TO MECH EQUIP YARD LA82 IS BINDING	Y04	1967	1	LS	20	59	-39	$1,280.00	$ 1,280	$ 1,477
LA	95	BE002	EXTERIOR STEEL DOOR REPLACEMENT AT EAST CUSTODIAL CLOSET	X01	1967	1	EA	20	59	-39	$4,000.00	$ 4,000	$ 4,616
LA	EXTERIOR - ELEVATIONS	BE003	RECAULK BRICK CONTROL JOINTS	MMM16	1967	900	LF	10	59	-49	$7.00	$ 6,300	$ 7,271
LA	EXTERIOR - ELEVATIONS	BE004	BRICK SPALLING FROM DEICING SALTS	MMM16	1967	1,600	SF	10	59	-49	$45.00	$ 72,000	$ 83,092
LA	EXTERIOR - CONCRETE	BE005	EXTERIOR AUTO DOOR GUARDRAIL, SUPPORTED SLAB IS HEAVING AND NEEDS TO BE REPLACED FLUSH	SSS08	2008	50	SF	20	18	2	$90.00	$ 4,500	$ 5,193
LA	EXTERIOR - ELEVATIONS	BE006	CEMENT PLASTER FASCIA CRACKED AND NEEDS REPAIRING	MMM16	1967	200	SF	20	59	-39	$35.00	$ 7,000	$ 8,078
LA	EXTERIOR - ROOF	BE007	EXTERIOR STEEL STEPS ARE RUSTING AND WILL REQUIRE PAINTING	MMM16	2005	1	LS	20	21	-1	$600.00	$ 600	$ 692
LA	EXTERIOR - ROOF	BE008	DEBRIS AND LOOSE WIRE AT WALL LOUVER	MMM16	1967	1	LS	20	59	-39	$200.00	$ 200	$ 231
LA	EXTERIOR - ELEVATION	BE009	DOOR CENTER SIDE-LITE HAS RUSTED ANGLE AT CONCRETE SLAB-REMOVE AND SECURE WITH ALUM AND SEALANT	MMM16	*2005*	1	LS	20	21	-1	$800.00	$ 800	$ 923
LA	EXTERIOR-ROOF	BE010	IMPROVE ACCESS TO ROOF MECHANICAL UNIT	MMM16	1967	1	LS	10	59	-49	$7,500.00	$ 7,500	$ 8,655
			BUILDING INTERIOR (DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 1,040,492
LA	10	BI001	TOILET ROOM UPGRADES; INCLUDING EXPANSION OF CENTRAL TOILET ROOMS AND ADA COMPLIANCE IMPROVEMENTS	X03	*2000*	200	SF	25	26	-1	$300.00	$ 60,000	$ 69,244
LA	20	BI002	TOILET ROOM UPGRADES; INCLUDING EXPANSION OF CENTRAL TOILET ROOMS AND ADA COMPLIANCE IMPROVEMENTS	X03	*2000*	200	SF	20	26	-6	$300.00	$ 60,000	$ 69,244
LA	30	BI003	SEALS OPENINGS IN RATED WALLS	Y04	1967	200	SF	15	59	-44	$4.00	$ 800	$ 923
LA	40	BI004	INSTALL PERMANENT STEEL STAIR TREADS FOR MEZZANINE MECHANICAL ROOM DOOR TO ROOF	Y04	1967	1	EA	40	59	-19	$24,000.00	$ 24,000	$ 27,697
LA	50	BI006	TOILET ROOM UPGRADES; INCLUDING EXPANSION OF CENTRAL TOILET ROOMS AND ADA COMPLIANCE IMPROVEMENTS	X03	*2000*	200	SF	20	26	-6	$300.00	$ 60,000	$ 69,244
LA	60	BI007	TOILET ROOM UPGRADES; INCLUDING EXPANSION OF CENTRAL TOILET ROOMS AND ADA COMPLIANCE IMPROVEMENTS	X03	*2000*	300	SF	20	26	-6	$300.00	$ 90,000	$ 103,865
LA	100	BI010	REPLACE BASE ADJACENT TO DOOR	110	2011	1	LS	15	15	0	$200.00	$ 200	$ 231
LA	110	BI011	REPLACEMENT OF LIBERAL ARTS INTERIOR DOOR AND DOOR HARDWARE REPLACEMENTS	110	1967	65	EA	50	59	-9	$2,300.00	$ 149,500	$ 172,532
LA	120	BI012	INTERIOR WOOD DOOR AND DOOR HARDWARE REPLACEMENTS	750	1967	12	EA	50	59	-9	$2,300.00	$ 27,600	$ 31,852
LA	130	BI013	ACOUSTICAL CEILING PANEL REPLACEMENT	110	2010	625	SF	20	16	4	$7.00	$ 4,375	$ 5,049
LA	140	BI014	ACOUSTICAL CEILING PANEL REPLACEMENT-CLEAN GRILLES AND DIFFUSERS-REPLACE RESILIENT BASE	110	2013	1,800	SF	20	13	7	$8.00	$ 14,400	$ 16,618
LA	160	BI015	CARPET REPLACEMENT AND BASE	110	2012	625	SF	20	14	6	$7.00	$ 4,375	$ 5,049
LA	170	BI016	FILL HOLES IN WALL AND PAINT WALLS-AC CEIL PANEL REPLACEMENT	110	2005	625	SF	20	21	-1	$3.00	$ 1,875	$ 2,164

SCHOOLCRAFT COLLEGE; LIBERAL ARTS - SCHEDULED MAINTENANCE PROGRAM
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LA	200	BI017	ACOUTICAL CEILING PANEL REPLACEMENT	110	2011	1,800	SF	20	15	5	$7.00	$ 12,600	$ 14,541
LA	230	BI018	ACOUSTICAL CEILING PANEL REPLACEMENT	310	2013	625	SF	20	13	7	$7.00	$ 4,375	$ 5,049
LA	260	BI019	CARPET REPLACEMENT	110	2013	625	SF	20	13	7	$7.00	$ 4,375	$ 5,049
LA	300	BI020	AC CEILING PANEL REPLACEMENT	110	2011	1	LS	20	15	5	$8.00	$ 8	$ 9
LA	330	BI022	DOOR IS DAMAGED-REPLACE	110	1967	1	EA	20	59	-39	$2,300.00	$ 2,300	$ 2,654
LA	340	BI023	FLOOR FINISH UPDATES	210	2012	1,800	SF	20	14	6	$14.00	$ 25,200	$ 29,082
LA	340	BI024	REPLACE DAMAGED CEILING	210	2012	1,800	SF	20	14	6	$8.00	$ 14,400	$ 16,618
LA	360	BI025	ACOUSTICAL CEILING PANEL REPLACEMENT	110	2012	900	SF	20	14	6	$7.00	$ 6,300	$ 7,271
LA	370	BI026	REPAIR BASE ADJACENT TO DOOR	110	2009	1	LS	15	17	-2	$150.00	$ 150	$ 173
LA	370	BI027	AC CEILING REPLACEMENT	110	2009	900	SF	20	17	3	$8.00	$ 7,200	$ 8,309
LA	400	BI029	AC CEILING PANEL REPLACEMENT	110	2010	625	SF	20	16	4	$8.00	$ 5,000	$ 5,770
LA	410	BI030	DAMAGED CEILING-AC CEILING PANEL REPLACEMENT	110	*2005*	625	SF	20	21	-1	$7.00	$ 4,375	$ 5,049
LA	415	BI031	BRICK CJ REPLACE SEALANT	110	1972	1	LS	10	54	-44	$150.00	$ 150	$ 173
LA	415	BI032	AC CEILING PANEL REPLACEMENT	110	2005	625	SF	20	21	-1	$8.00	$ 5,000	$ 5,770
LA	425	BI034	AC CEILING PANEL REPLACEMENT	110	2012	625	SF	20	14	6	$8.00	$ 5,000	$ 5,770
LA	431	BI036	AC CEILING PANEL REPLACEMENT	310	2007	300	SF	20	19	1	$7.00	$ 2,100	$ 2,424
LA	440	BI037	AC CEILING REPLACEMENT	110	*2005*	1,800	SF	20	21	-1	$7.00	$ 12,600	$ 14,541
LA	441	BI038	CORRIDOR CONGESTED-NOT ADA COMPLIANT	315	1997	1	LS	25	29	-4	$500.00	$ 500	$ 577
LA	444	BI039	CMU WALL CRACKED / CEILING WARPED AND SAGGING	310	*2005*	80	SF	20	21	-1	$25.00	$ 2,000	$ 2,308
LA	455	BI040	DOOR CONTACT DAMAGED AND LOOSE	310	2008	1	LS	20	18	2	$1,200.00	$ 1,200	$ 1,385
LA	460	BI041	AC CEILING PANEL REPLACEMENT	110	2008	900	SF	20	18	2	$7.00	$ 6,300	$ 7,271
LA	470	BI042	AC CEILING PANEL REPLACEMENT	110	2005	900	SF	20	21	-1	$7.00	$ 6,300	$ 7,271
LA	475	BI043	AC CEILING PANEL REPLACEMENT	110	2008	625	SF	20	18	2	$7.00	$ 4,375	$ 5,049
LA	500	BI044	ACOUSTICAL CEILING UPGRADE	310	1967	5,000	SF	35	59	-24	$7.00	$ 35,000	$ 40,392
LA	510	BI045	THEATRE STAGE/BACKSTAGE IMPROVEMENTS/UPGRADES	615	1967	1	LS	25	59	-34	$35,000.00	$ 35,000	$ 40,392
LA	520	BI046	ACOUSTICAL CEILING UPGRADE	310	*2000*	1,750	SF	35	26	9	$7.00	$ 12,250	$ 14,137
LA	521	BI047	INTERIOR WOOD DOOR AND DOOR HARDWARE REPLACEMENTS	310	1967	12	EA	50	59	-9	$2,300.00	$ 27,600	$ 31,852
LA	524	BI048	ACOUSTICAL CEILING PANEL REPLACEMENT	310	2000	200	SF	20	26	-6	$7.00	$ 1,400	$ 1,616
LA	540	BI049	CORRIDOR CEILING UPGRADE	310	*2000*	11,000	SF	35	26	9	$7.00	$ 77,000	$ 88,863
LA	543	BI050	ACOUSTICAL CEILING PANEL REPLACEMENT	310	*2000*	200	SF	20	26	-6	$7.00	$ 1,400	$ 1,616
LA	544	BI051	CORRIDOR BRICK CLEANING	310	1967	200	SF	20	59	-39	$7.50	$ 1,500	$ 1,731
LA	545	BI052	ACOUSTICAL CEILING PANEL REPLACEMENT	310	*2000*	100	SF	20	26	-6	$7.00	$ 700	$ 808
LA	551	BI053	WALL FINISH UPDATES	310	*2000*	1	EA	25	26	-1	$15,000.00	$ 15,000	$ 17,311
LA	560	BI054	ACOUSTICAL CEILING PANEL REPLACEMENT	310	*2000*	100	SF	20	26	-6	$7.00	$ 700	$ 808
LA	561	BI055	ACOUSTICAL CEILING PANEL REPLACEMENT	310	*2000*	200	SF	20	26	-6	$7.00	$ 1,400	$ 1,616
LA	565	BI056	ACOUSTICAL CEILING PANEL REPLACEMENT	310	*2000*	100	SF	20	26	-6	$7.00	$ 700	$ 808
LA	573	BI057	ACOUSTICAL CEILING PANEL REPLACEMENT	310	*2000*	200	SF	20	26	-6	$7.00	$ 1,400	$ 1,616
LA	574	BI058	ACOUSTICAL CEILING PANEL REPLACEMENT-REPLACE WARN CARPET	310	*2000*	100	SF	20	26	-6	$14.00	$ 1,400	$ 1,616
LA	1000	BI059	ELECTRIC WATER COOLER DOES NOT COMPLY WITH ADA	W06	1967	1	LS	25	59	-34	$500.00	$ 500	$ 577
LA	1000	BI060	TILE BASE UNDER WINDOWS NEED REPAIR	W06	1967	2	LS	20	59	-39	$500.00	$ 1,000	$ 1,154
LA	1104	BI061	BRICK IS STAINED-CLEAN	W06	1967	100	SF	40	59	-19	$7.50	$ 750	$ 866
LA	3000	BI062	AC PANEL CEILING REPLACEMENT	W06	*2000*	2,000	SF	20	26	-6	$7.00	$ 14,000	$ 16,157
LA	3000	BI063	BRICK SHOWS CHALKING-CLEAN WALLS	W06	*1967*	1,600	SF	20	59	-39	$7.50	$ 12,000	$ 13,849
LA	3000	BI064	EWC DOES NOT COMPLY WITH ADA	W06	*1967*	1	EA	20	59	-39	$500.00	$ 500	$ 577
LA	4000	BI065	AC PANEL CEILING DAMAGED/WARPED/SAGGING	W06	*2000*	120	SF	20	26	-6	$7.00	$ 840	$ 969
LA	4000	BI066	REPLACE VINYL BENCH DAMAGED	W06	*1998*	10	LF	15	28	-13	$12.00	$ 120	$ 138
LA	4000	BI068	OUTLET DAMAGED	W06	*1998*	120	SF	20	28	-8	$50.00	$ 6,000	$ 6,924
LA	4000	BI069	SOFFIT DROP DAMAGED	W06	*1967*	10	LF	20	59	-39	$50.00	$ 500	$ 577
LA	ATTIC	BI070	INSTALL PERMANENT STEEL STAIR TREADS FOR MEZZANINE MECHANICAL ROOM DOOR TO ROOF	MMM16	1967	1	EA	40	59	-19	$24,000.00	$ 24,000	$ 27,697
			PLUMBING SYSTEMS (May be packaged with BI item scope, DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 141,949
LA	70	PS001	TOILET ROOM FIXTURES	X03	*2000*	10	EA	40	26	14	$3,000.00	$ 30,000	$ 34,622
LA	80	PS002	TOILET ROOM FIXTURES	X03	*2000*	11	EA	40	26	14	$3,000.00	$ 33,000	$ 38,084
LA	85	PS003	PBH PUMP SOUNDS OUT OF ALIGNMENT OR HAS AIR IN THE SYSTEM AND PUMP WILL NEED TO BE REPLACED	Y04	2005	2	EA	15	21	-6	$10,000.00	$ 20,000	$ 23,081

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LA	85	PS004	PBR PUMPS ARE SHOWING CROSION AND THEY ARE REACHING END OF LIFE	Y04	2005	2	EA	15	21	-6	$10,000.00	$ 20,000	$ 23,081
LA	85	PS005	EXISTING SHOT FEEDER IS CORRODED AND NEED TO BE REPLACED	Y04	2005	1	EA	15	21	-6	$20,000.00	$ 20,000	$ 23,081
			MECHANICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 176,870
LA	40	MS001	REPLACE TOILET ROOM EXHAUST FAN EF-1	Y04	1967	1	EA	20	59	-39	$1,500.00	$ 1,500	$ 1,731
LA	40	MS002	REPLACE RETURN AIR FAN RAF-1	Y04	1967	1	EA	20	59	-39	$1,500.00	$ 1,500	$ 1,731
LA	40	MS003	OFFS CONVERTING REMAINING GATE VALVES TO QUARTER-TURN BALL VALVES	Y04	1967	4	EA	25	59	-34	$1,000.00	$ 4,000	$ 4,616
LA	45	MS004	CAP OPEN END PIPING IN CEILING AREA. SUPPLY AIR DUCT LEAKAGE CAN BE HEARD NEED TO FIND AND REPAIR. AIR LEAKAGE SOUND IS BETWEEN 65 TO 50 DB. NO SUPPLY OR RETURN GRILLES IN SPACE	315	2005	1	EA	25	21	4	$2,500.00	$ 2,500	$ 2,885
LA	120	MS005	VERTICAL UNIT VENTILATOR REPLACEMENT	W06	2002	1	EA	25	24	1	$35,000.00	$ 35,000	$ 40,392
LA	170	MS006	4 THERMOSTATS / SENSORS IN ROOM. RECOMMENDED REMOVE ABANDONED SENSORS OR THERMOSTATS.	110	1967	3	EA	10	59	-49	$200.00	$ 600	$ 692
LA	200	MS007	CO2 SENSOR TO BE REPLACED OR RECALIBRATE	110	2005	1	EA	3	21	-18	$500.00	$ 500	$ 577
LA	220	MS008	VERTICAL UNIT VENTILATOR REPLACEMENT	W06	2002	1	EA	25	24	1	$35,000.00	$ 35,000	$ 40,392
LA	260	MS009	CO2 SENSOR TO BE REPLACED OR RECALIBRATE	110	2005	1	EA	3	21	-18	$500.00	$ 500	$ 577
LA	310	MS010	CO2 SENSOR TO BE REPLACED OR RECALIBRATE	110	2005	1	EA	3	21	-18	$500.00	$ 500	$ 577
LA	320	MS011	VERTICAL UNIT VENTILATOR REPLACEMENT	W06	2002	1	EA	25	24	1	$35,000.00	$ 35,000	$ 40,392
LA	360	MS012	CO2 SENSOR TO BE REPLACED OR RECALIBRATE	110	2005	1	EA	3	21	-18	$500.00	$ 500	$ 577
LA	420	MS013	CO2 SENSOR TO BE REPLACED OR RECALIBRATE	110	2005	1	EA	3	21	-18	$500.00	$ 500	$ 577
LA	455	MS014	NO RETURN AIR GRILLE IN SPACE, IF AT FLOOR LEVEL IS COVERED UP. TEMPERATURE ELEVATED IN ROOM.	310	2005	1	EA	20	21	-1	$2,500.00	$ 2,500	$ 2,885
LA	465	MS015	CO2 SENSOR TO BE REPLACED OR RECALIBRATE	110	2005	1	EA	3	21	-18	$500.00	$ 500	$ 577
LA	475	MS016	LOW RETURN GRILLE HAS DEBRIS BEHIND GRILLE NEEDS TO BE CLEANED OUT	110	2005	1	EA	15	21	-6	$200.00	$ 200	$ 231
LA	500	MS017	SOUND BOOTH HAS NO AIR TRANSFER OR SUPPLY TO THE SPACE	610	1967	1	EA	15	59	-44	$2,500.00	$ 2,500	$ 2,885
LA	2000	MS018	CABINET UNIT HEAT IN CORRIDOR NEEDS FRONT COVER TO BE PROPERLY MOUNTED AND THE FINN'S AND FILTER NEED TO BE CLEANED	W06	2005	1	EA	15	21	-6	$400.00	$ 400	$ 462
LA	ENTIRE BUILDING	MS019	DUCT CLEANING	UUU25	2005	45,475	SF	5	21	-16	$0.65	$ 29,559	$ 34,113
			ELECTRICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 639,118
LA	10	ES001	ADD VACANCY SENSORS IN TOILET ROOMS	X03	1967	1	EA	20	59	-39	$250.00	$ 250	$ 289
LA	10	ES002	REPLACE TOILET ROOM FLUOR. LIGHTING	X03	*2000*	2	EA	20	26	-6	$25,000.00	$ 50,000	$ 57,703
LA	20	ES003	ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	1967	2	EA	20	59	-39	$25,000.00	$ 50,000	$ 57,703
LA	30	ES004	REPLACE STORAGE AND UTILITY ROOM LIGHTING	X03	1967	2	EA	20	59	-39	$250.00	$ 500	$ 577
LA	40	ES005	ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	1967	2	EA	20	59	-39	$25,000.00	$ 50,000	$ 57,703
LA	40	ES006	REPLACE FLUOR. LIGHTING	Y04	1967	12	EA	20	59	-39	$250.00	$ 3,000	$ 3,462
LA	45	ES007	REPLACE STORAGE / UTILITY ROOM LIGHTING	315	1972	2	EA	20	54	-34	$250.00	$ 500	$ 577
LA	50	ES008	REPLACE STORAGE AND UTILITY ROOM LIGHTING	X03	*2000*	2	EA	20	26	-6	$250.00	$ 500	$ 577
LA	60	ES009	REPLACE TOILET ROOM FLUOR. LIGHTING	X03	*2000*	2	EA	20	26	-6	$250.00	$ 500	$ 577
LA	60	ES010	ADD VACANCY SENSORS IN TOILET ROOM	X03	1967	1	EA	20	59	-39	$50.00	$ 50	$ 58
LA	70	ES011	REPLACE TOILET ROOM FLUOR. LIGHTING	X03	*2000*	1	EA	20	26	-6	$250.00	$ 250	$ 289
LA	70	ES012	ADD VACANCY SENSORS IN TOILET ROOM	X03	1967	1	EA	20	59	-39	$50.00	$ 50	$ 58
LA	75	ES013	REPLACE VENDING ROOM LIGHTING	660	1967	2	EA	20	59	-39	$250.00	$ 500	$ 577
LA	80	ES014	REPLACE TOILET ROOM FLUOR. LIGHTING	X03	*2000*	2	EA	20	26	-6	$250.00	$ 500	$ 577
LA	80	ES015	ADD VACANCY SENSORS IN TOILET ROOM	X03	1967	1	EA	20	59	-39	$50.00	$ 50	$ 58
LA	85	ES016	REPLACE MAIN SWITCHBOARD	Y04	1967	1	EA	20	59	-39	$25,000.00	$ 25,000	$ 28,851
LA	85	ES017	VARIABLE FREQUENCY DRIVE (VFD) REPLACEMENT	Y04	2005	6	EA	20	21	-1	$7,500.00	$ 45,000	$ 51,933
LA	85	ES018	LIGHTING AND RECEPTACLE PANELBOARDS	Y04	1967	4	EA	20	59	-39	$5,000.00	$ 20,000	$ 23,081
LA	85	ES019	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MOUNTED IN CORRIDOR WALLS	Y04	1967	6	EA	20	59	-39	$5,000.00	$ 30,000	$ 34,622

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LA	95	ES020	LIFE SAFETY AUTOMATIC TRANSFER SWITCH (ATS-E) REPLACEMENT	X01	2009	1	EA	20	17	3	$10,000.00	$ 10,000	$ 11,541
LA	95	ES021	STANDBY POWER SYSTEMS AUTOMATIC TRANSFER SWITCH (ATS-NE) REPLACEMENT	X01	2009	1	EA	20	17	3	$10,000.00	$ 10,000	$ 11,541
LA	95	ES022	LIGHTING AND RECEPTACLE PANELBOARDS REPLACEMENTS	X01	1967	4	EA	20	59	-39	$5,000.00	$ 20,000	$ 23,081
LA	95	ES023	REPLACE FLUORESCENT LIGHTING	X01	1967	4	EA	20	59	-39	$250.00	$ 1,000	$ 1,154
LA	120	ES024	LIGHTING AND RECEPTACLE PANELBOARDS REPLACEMENTS	750	2004	3	EA	20	22	-2	$5,000.00	$ 15,000	$ 17,311
LA	121	ES025	REPLACE STORAGE ROOM LIGHTING	755	*1967*	3	EA	20	59	-39	$250.00	$ 750	$ 866
LA	122	ES026	REPLACE STORAGE ROOM LIGHTING	755	*1967*	1	EA	20	59	-39	$250.00	$ 250	$ 289
LA	200	ES027	REPLACE FLUOR. CLASSROOM LIGHTING	110	2011	9	EA	20	15	5	$250.00	$ 2,250	$ 2,597
LA	220	ES028	LIGHTING AND RECEPTACLE PANELBOARDS REPLACEMENTS	750	*1967*	4	EA	20	59	-39	$5,000.00	$ 20,000	$ 23,081
LA	220	ES029	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	750	2004	6	EA	20	22	-2	$300.00	$ 1,800	$ 2,077
LA	221	ES030	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2004	2	EA	20	22	-2	$300.00	$ 600	$ 692
LA	240	ES031	REPLACE FLUORESCENT CLASSROOM LIGHTING	110	1997	15	EA	20	29	-9	$250.00	$ 3,750	$ 4,328
LA	320	ES032	LIGHTING AND RECEPTACLE PANELBOARDS REPLACEMENTS	210	*1967*	3	EA	20	59	-39	$5,000.00	$ 15,000	$ 17,311
LA	320	ES033	REPLACE FLUORESCENT CLASSROOM LIGHTING	210	2012	9	EA	20	14	6	$250.00	$ 2,250	$ 2,597
LA	415	ES034	REPLACE FLUORESCENT CLASSROOM LIGHTING	110	*2005*	9	EA	20	21	-1	$250.00	$ 2,250	$ 2,597
LA	430	ES035	REPLACE FLUOR. OFFICE LIGHTING AND ADD VACANCY SENSORS	110	2010	1	EA	20	16	4	$300.00	$ 300	$ 346
LA	431	ES036	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	1997	4	EA	20	29	-9	$300.00	$ 1,200	$ 1,385
LA	432	ES037	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	1997	2	EA	20	29	-9	$300.00	$ 600	$ 692
LA	440	ES038	REPLACE FLUORESCENT CLASSROOM LIGHTING	110	*2005*	15	EA	20	21	-1	$250.00	$ 3,750	$ 4,328
LA	442	ES039	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2005*	2	EA	20	21	-1	$300.00	$ 600	$ 692
LA	443	ES040	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2005*	2	EA	20	21	-1	$300.00	$ 600	$ 692
LA	444	ES041	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2005*	2	EA	20	21	-1	$300.00	$ 600	$ 692
LA	500	ES042	REPLACE THEATER HOUSE INCANDESCENT CAN AND WALL MOUNTED LIGHTING	610	2004	54	EA	20	22	-2	$250.00	$ 13,500	$ 15,580
LA	501	ES043	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	610	2004	2	EA	20	22	-2	$300.00	$ 600	$ 692
LA	510	ES044	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MOUNTED IN CORRIDOR WALLS	615	*2004*	6	LS	20	22	-2	$5,000.00	$ 30,000	$ 34,622
LA	510	ES045	THEATER LIGHTING CONTROL EQUIPMENT	615	2004	1	EA	20	22	-2	$15,000.00	$ 15,000	$ 17,311
LA	521	ES046	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	522	ES047	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	1	26	-25	$300.00	$ 600	$ 692
LA	523	ES048	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	524	ES049	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	525	ES050	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	531	ES051	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	540	ES052	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	541	ES053	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	542	ES054	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	543	ES055	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	544	ES056	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	545	ES057	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	551	ES058	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	560	ES059	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692

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LA	561	ES060	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	562	ES061	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	563	ES062	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	564	ES063	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	565	ES064	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	570	ES065	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	571	ES066	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	572	ES067	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	573	ES068	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	574	ES069	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	575	ES070	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	*2000*	2	EA	20	26	-6	$300.00	$ 600	$ 692
LA	EXTERIOR	ES071	REPLACE EXTERIOR BUILDING LIGHTING	UUU10	*2000*	13	EA	20	26	-6	$250.00	$ 3,250	$ 3,751
LA	EXTERIOR	ES072	STANDBY GENERATOR REPLACEMENT	UUU04	2009	1	EA	20	17	3	$30,000.00	$ 30,000	$ 34,622
LA	EXTERIOR	ES073	REPLACE SERVICE TRANSFORMER	UUU04	2004	1	EA	20	22	-2	$15,000.00	$ 15,000	$ 17,311
LA	EXTERIOR	ES074	REPLACE EXTERIOR SOFFIT LIGHTING		*1967*	6	EA	20	59	-39	$250.00	$ 1,500	$ 1,731
LA	1000	ES075	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MOUNTED IN CORRIDOR WALLS	W06	1967	6	EA	20	59	-39	$250.00	$ 1,500	$ 1,731
LA	1102	ES076	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MOUNTED IN CORRIDOR WALLS	Y04	1967	6	EA	20	59	-39	$5,000.00	$ 30,000	$ 34,622
LA	2000	ES077	EXIT LIGHTING UPGRADE	W06	*2009*	29	EA	20	17	3	$250.00	$ 7,250	$ 8,367
LA	4000	ES079	ADD VACANCY SENSORS	W06	*2000*	40	EA	20	26	-6	$50.00	$ 2,000	$ 2,308
			BUILDING SYSTEMS (Fire, security, IT/media infrastructure. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 77,899
LA	85	BS001	BOILER EPO SYSTEM	Y04	2005	1	EA	20	21	-1	$7,500.00	$ 7,500	$ 8,655
LA	INTERIOR-BUILDING WIDE	BS002	UPGRADE TO PRIMAX CLOCK SYSTEM	UUU25	1967	1	EA	20	59	-39	$60,000.00	$ 60,000	$ 69,244
			SPECIALTY EQUIPMENT (Food service, theatre, labs, shops. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 173,109
LA	40	SE001	INSTALL CRANE RAIL FOR CHAIN FALL THAT CAN BE USED TO HOIST EQUIPMENT OVER STAIRS	Y04	1967	1	EA	35	59	-24	$150,000.00	$ 150,000	$ 173,109
			ACCESSIBILITY IMPROVEMENTS (Building codes & ADA standards for accessible design. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 80,784
LA	FACULTY OFFICE BAYS	AI001	BARRIER-FREE IMPROVEMENTS	310	1967	2	EA	20	59	-39	$35,000.00	$ 70,000	$ 80,784
												ANNUAL FUNDING REQUIREMENTS (ROUNDED):	$ 2,450,452

EVALUATION DATE: 10/19/2026

SCHOOLCRAFT COLLEGE; MANUFACTURING AND ENGINEERING CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

SCHEDULED MAINTENANCE PROGRAM - CURRENT YEAR:	2026

BUILDING SECTION (BUILDING TYPE)	BUILDING AGE (YRS)	BUILDING AREA (GSF)
MANUFACTURING & ENGINEERING CENTER	2020	47,936

MAINTENANCE BACKLOG VALUE FOR BUILDING:	$ -	- YEAR: 2027
REPLACEMENT VALUE FOR THE BUILDING:	$ 20,730,000	
FACILITY CONDITION INDEX (FCI):	0%	
PV OF TOTAL ANNUAL RESERVES:	$ -	- YEAR: 2027

FCI	BUILDING CONDITION
FCI < 10%	GOOD
10%< FCI< 30%	FAIR
30% < FCI	POOR (NEEDS ATTENTION)
ABOVE 60%	CONSIDER REPLACEMENT

SOURCE: OpenGov

INFLATION RATE (%):	YEAR
2.4%	2024
3.7%	2025
4.0%	2026
4.5%	2027
4.0%	2028
4.0%	2029
4.0%	2030
4.0%	2031
4.0%	2032
4.0%	2033

ITEM NO. CODES
AI: ACCESSIBILITY IMPROVEMENT
BE: BUILDING EXTERIOR
BI: BUILDING INTERIOR
BS: BUILDING SYSTEM
ES: ELECTRICAL SYSTEM
MS: MECHANICAL SYSTEM
PS: PLUMBING SYSTEM
SG: SITE GROUNDS
SE: SPECIALTY EQUIPMENT

LEGEND
AVG: AVERAGE
CF: CUBIC FEET
CY: CUBIC YARDS
EA: EACH
EUL: ESTIMATED USEFUL LIFE
GSF: GROSS SQUARE FEET
LOC: LOCATION (SITE/BLDG)
PV: PRESENT VALUE
RUL: ESTIMATED USEFUL LIFE
SF: SQUARE FEET
SY: SQUARE YARDS
YRS: YEARS

REMAINING USEFUL LIFE (RUL) BAROMETER
- RUL = 1 YEAR OR LESS
- RUL = 2 YEARS TO 9 YEARS
- RUL = 10 YEARS OR GREATER
- (11 YEARS OR GREATER NOT FACTORED INTO FCI)

ITEM NO.
Picture(s) associated with blue & underlined item no.

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			BUILDING ENVELOPE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
MEC	EXTERIOR-ROOF	BE007, BE007A	REPLACE ROOF MEMBRANE	MMM16	2020	47,936	SF	20	6	14	$25.00	$ 1,198,400	$ -
			BUILDING INTERIOR (DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
MEC										0	$0.00	$ -	$ -
			PLUMBING SYSTEMS (May be packaged with BI item scope, DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
MEC										0	$0.00	$ -	$ -
			MECHANICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
MEC										0	$0.00	$ -	$ -
			ELECTRICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
MEC	11	ES001	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	Y04	2020	4	EA	20	6	14	$5,000.00	$ 20,000	$ -
MEC	11	ES002	ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	2020	2	EA	20	6	14	$25,000.00	$ 50,000	$ -
MEC	31	ES003	STANDBY POWER SYSTEMS AUTOMATIC TRANSFER SWITCH (ATS-HXNE)	Y04	2020	1	EA	20	6	14	$10,000.00	$ 10,000	$ -
MEC	31	ES004	ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	2020	2	EA	20	6	14	$25,000.00	$ 50,000	$ -
MEC	31	ES005	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	Y04	2020	4	EA	20	6	14	$5,000.00	$ 20,000	$ -
MEC	31	ES006	MAIN SWITCHBOARD	Y04	2020	1	EA	20	6	14	$25,000.00	$ 25,000	$ -
MEC	121	ES007	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	215	2020	1	EA	20	6	14	$5,000.00	$ 5,000	$ -
MEC	140	ES008	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	210	2020	1	EA	20	6	14	$5,000.00	$ 5,000	$ -
MEC	150	ES009	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	210	2020	1	EA	20	6	14	$5,000.00	$ 5,000	$ -
MEC	235	ES010	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	210	2020	1	EA	20	6	14	$5,000.00	$ 5,000	$ -
MEC	305	ES011	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	215	2020	1	EA	20	6	14	$5,000.00	$ 5,000	$ -
MEC	330	ES012	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	210	2020	2	EA	20	6	14	$5,000.00	$ 10,000	$ -
MEC	403	ES013	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	215	2020	2	EA	20	6	14	$5,000.00	$ 10,000	$ -
MEC	405	ES014	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	210	2020	2	EA	20	6	14	$5,000.00	$ 10,000	$ -
MEC	405	ES015	ELECTRICAL DISTRIBUTION EQUIPMENT	210	2020	1	EA	20	6	14	$25,000.00	$ 25,000	$ -
MEC	2000	ES016	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	W06	2020	3	EA	20	6	14	$5,000.00	$ 15,000	$ -
MEC	40	ES017	SERVICE TRANSFORMER	Y04	2020	1	EA	20	6	14	$15,000.00	$ 15,000	$ -
MEC	40	ES018	STANDBY GENERATOR	Y04	2020	1	EA	20	6	14	$30,000.00	$ 30,000	$ -
MEC	40	ES019	LIFE SAFETY AUTOMATIC TRANSFER SWITCH (ATS-HXE)	Y04	2020	1	EA	20	6	14	$10,000.00	$ 10,000	$ -
			BUILDING SYSTEMS (Fire, security, IT/media infrastructure. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
MEC										0	$0.00	$ -	$ -
			SPECIALTY EQUIPMENT (Food service, theatre, labs, shops. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
MEC										0	$0.00	$ -	$ -
			ACCESSIBILITY IMPROVEMENTS (Building codes & ADA standards for accessible design. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
MEC										0	$0.00	$ -	$ -
												ANNUAL FUNDING REQUIREMENTS (ROUNDED):	$ -

SCHOOLCRAFT COLLEGE; MCDOWELL CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

SCHEDULED MAINTENANCE PROGRAM - CURRENT YEAR:	2026

BUILDING SECTION (BUILDING TYPE)	BUILDING AGE (YRS)	BUILDING AREA (GSF)
MCDOWELL CENTER (ADMIN/CLASSROOM)	1994	66,746
REPURPOSED	2015	

MAINTENANCE BACKLOG VALUE FOR BUILDING:	$ 6,552,820	- YEAR: 2027
REPLACEMENT VALUE FOR THE BUILDING:	$ 30,215,000	
FACILITY CONDITION INDEX (FCI):	22%	
PV OF TOTAL ANNUAL RESERVES:	$ 6,270,642	- YEAR: 2027

FCI	BUILDING CONDITION
FCI < 10%	GOOD
10%< FCI< 30%	FAIR
30% < FCI	POOR (NEEDS ATTENTION)
ABOVE 60%	CONSIDER REPLACEMENT

SOURCE: OpenGov

INFLATION RATE (%):	YEAR
2.4%	2024
3.7%	2025
4.0%	2026
4.5%	2027
4.0%	2028
4.0%	2029
4.0%	2030
4.0%	2031
4.0%	2032
4.0%	2033

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REMAINING USEFUL LIFE (RUL) BAROMETER
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ITEM NO.
Picture(s) associated with blue & underlined item no.

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			BUILDING ENVELOPE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 417,358
MC	EXTERIOR ELEVATION	BE003	CLEAN, EXT WALLS FREE OF ALL DIRT AND GRIME, ESPECIALLY SILLS	MMM16	2014	6,502	SF	25	12	13	$3.00	$ 19,506	$ -
MC	EXTERIOR ELEVATION	BE006, BE006A	REPAIR SOFFIT, FINISH PEELING	MMM16	*2005*	1,600	SF	25	21	4	$35.00	$ 56,000	$ 64,627
MC	EXTERIOR ELEVATION	BE008	RESEAL CONTROL JOINTS IN COLUMN PRECAST BASE AND RE-SEAL SIDEWALK CONTROL JOINT AT BASE	MMM16	1994	18	LF	15	32	-17	$7.00	$ 126	$ 145
MC	EXTERIOR ELEVATION	BE013	CONCRETE EDGE OF OVERHEAD DOOR RAMP IS SPALLING. REPAIR.	MMM16	1994	30	LF	30	32	-2	$75.00	$ 2,250	$ 2,597
MC	EXTERIOR ELEVATION	BE014	SOFFIT FINISH AT ENTRY MC9 IS PEELING. REFINISH.	MMM16	1994	200	SF	25	32	-7	$35.00	$ 7,000	$ 8,078
MC	EXTERIOR ELEVATION	BE015	RE-SEAL ALL MASONRY CONTROL JOINTS	MMM16	1994	2,000	LF	15	32	-17	$8.00	$ 16,000	$ 18,465
MC	EXTERIOR-PATIO	BE018	NORTHEAST PATIO SOFFIT REPAIRS	MMM16	*2005*	1,000	SF	20	21	-1	$35.00	$ 35,000	$ 40,392
MC	EXTERIOR-ROOF	BE021	SKY LIGHT MAINTENANCE	MMM16	1994	450	SF	25	32	-7	$5.00	$ 2,250	$ 2,597
MC	EXTERIOR-STONE FAÇADE	BE024	FAÇADE RESTORATION REPAIRS (TEC REPORT# 64099-001)	MMM16	1994	1	EA	30	32	-2	$248,850.00	$ 248,850	$ 280,457
			BUILDING INTERIOR (DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 639,088
MC	005	BI001	ACOUSTICAL CEILING PANELS ARE SCUFFED, CHIPPED, DIRTY. NEED REPLACING.	W06	1994	600	SF	15	32	-17	$7.00	$ 4,200	$ 4,847
MC	010	BI002	CARPET IS STAINED. CLEAN OR REPLACE.	210	*1994*	1,200	SF	15	32	-17	$7.00	$ 8,400	$ 9,694
MC	036	BI007	CARPET IS STAINED. REPLACE.	310	*1994*	144	SF	15	32	-17	$7.00	$ 1,008	$ 1,163
MC	037	BI008	CARPET IS STAINED. REPLACE.	310	*1994*	144	SF	15	32	-17	$7.00	$ 1,008	$ 1,163
MC	037	BI009	ACOUSTICAL CEILING PANELS ARE STAINED AND NEED REPLACING	310	*1994*	144	SF	15	32	-17	$7.00	$ 1,008	$ 1,163
MC	050	BI010, BI010A	ACOUSTICAL CEILING PANELS ARE STAINED AND DIRTY, AND NEED REPLACING	210	2006	600	SF	15	20	-5	$7.00	$ 4,200	$ 4,847
MC	11	BI012	TOILET ROOM UPGRADES	X03	1994	315	EA	25	32	-7	$300.00	$ 94,500	$ 109,059
MC	11	BI013	TOILET ROOM MIRRORS REPLACEMENT	X03	1994	3	EA	25	32	-7	$250.00	$ 750	$ 866
MC	13	BI014	TOILET ROOM UPGRADES	X03	1994	315	EA	25	32	-7	$300.00	$ 94,500	$ 109,059
MC	13	BI015	TOILET ROOM MIRRORS REPLACEMENT	X03	1994	3	EA	25	32	-7	$250.00	$ 750	$ 866
MC	19	BI017	DOCK LIFT MAINTENANCE	W04	1994	1	EA	20	32	-12	$1,500.00	$ 1,500	$ 1,731
MC	21	BI019	TOILET ROOM UPGRADES	X03	1994	300	EA	25	32	-7	$300.00	$ 90,000	$ 103,865
MC	21	BI020	TOILET ROOM MIRRORS REPLACEMENT	X03	1994	3	EA	25	32	-7	$250.00	$ 750	$ 866
MC	23	BI021	TOILET ROOM UPGRADES	X03	1994	300	EA	25	32	-7	$300.00	$ 90,000	$ 103,865
MC	23	BI022	TOILET ROOM MIRRORS REPLACEMENT	X03	1994	3	EA	25	32	-7	$250.00	$ 750	$ 866
MC	31	BI023	TOILET ROOM UPGRADES	X03	1994	1	EA	25	32	-7	$30,000.00	$ 30,000	$ 34,622
MC	31	BI024	TOILET ROOM MIRRORS REPLACEMENT	X03	1994	3	EA	25	32	-7	$250.00	$ 750	$ 866
MC	33	BI025	TOILET ROOM UPGRADES	X03	1994	1	EA	25	32	-7	$30,000.00	$ 30,000	$ 34,622
MC	33	BI026	TOILET ROOM MIRRORS REPLACEMENT	X03	1994	3	EA	25	32	-7	$250.00	$ 750	$ 866
MC	100-ENTIRE ROOM	BI027	FOLDING PARTITION HAS DENTS AND IS DIRTY	110	1994	1,500	SF	30	32	-2	$8.00	$ 12,000	$ 13,849
MC	100-ENTIRE ROOM	BI028	ACOUSTICAL CEILING PANELS ARE SCUFFED, CHIPPED, AND BROKEN. NEED TO BE REPLACED.	110	1994	2,500	SF	15	32	-17	$7.00	$ 17,500	$ 20,196
MC	108	BI029	ACOUST CEILING PANELS ARE STAINED AND NEED REPLACING	310	2015	200	SF	15	11	4	$7.00	$ 1,400	$ 1,616
MC	109	BI031	CARPET IS STAINED. CLEAN OR REPLACE.	310	2015	300	SF	5	11	-6	$7.00	$ 2,100	$ 2,424
MC	155	BI034	GASKET IS COMING OUT OF EXT CURTAINWALL GLASS FRAMING	310	1994	50	LF	20	32	-12	$75.00	$ 3,750	$ 4,328

SCHOOLCRAFT COLLEGE; MCDOWELL CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
MC	160	BI035	CEILING CONTROL JOINT NEEDS TO BE FIXED	310	2015	15	LF	15	11	4	$150.00	$ 2,250	$ 2,597
MC	165	BI036	ACOUST CEILING PANELS ARE STAINED AND NEED REPLACING	310	2015	400	SF	15	11	4	$7.00	$ 2,800	$ 3,231
MC	166	BI037	ACOUST CEILING PANELS ARE CHIPPED, SCRATCHED, AND DIRTY. NEED REPLACING.	310	2015	200	SF	15	11	4	$7.00	$ 1,400	$ 1,616
MC	175	BI039	ACOUST CEILING PANELS ARE STAINED AND NEED REPLACING	310	2015	500	SF	15	11	4	$7.00	$ 3,500	$ 4,039
MC	179	BI040	ACOUST CEILING PANELS ARE STAINED AND NEED REPLACING	310	2015	200	SF	15	11	4	$7.00	$ 1,400	$ 1,616
MC	220A	BI042	ACOUST CEILING PANELS ARE STAINED AND CHIPPED, AND NEED REPLACING	225	2014	500	SF	15	12	3	$7.00	$ 3,500	$ 4,039
MC	225	BI043	ACOUST CEILING PANELS ARE STAINED AND NEED REPLACING	310	2014	300	SF	15	12	3	$7.00	$ 2,100	$ 2,424
MC	227	BI044	ACOUST CEILING PANELS ARE STAINED AND NEED REPLACING	220	2014	250	SF	15	12	3	$7.00	$ 1,750	$ 2,020
MC	STE-0	BI046	STAIR TREADS AND LANDINGS ARE WORN. CONSIDER NEW FLOORING.	W07	1994	900	SF	30	32	-2	$15.00	$ 13,500	$ 15,580
MC	STS-1	BI047	STAIR TREADS AND LANDINGS ARE WORN. CONSIDER NEW FLOORING.	W07	1994	900	SF	30	32	-2	$15.00	$ 13,500	$ 15,580
MC	STN-2	BI048	STAIR TREADS AND LANDINGS ARE WORN. CONSIDER NEW FLOORING.	W07	1994	900	SF	30	32	-2	$15.00	$ 13,500	$ 15,580
MC	VEST-N	BI049	DOOR HARDWARE IS WORN AND COULD USE REPLACING	W05	1994	1	PR	30	32	-2	$1,500.00	$ 1,500	$ 1,731
MC	VEST-S	BI051	DOOR HARDWARE IS WORN AND COULD USE REPLACING	W05	1994	1	PR	30	32	-2	$1,500.00	$ 1,500	$ 1,731
			PLUMBING SYSTEMS (May be packaged with BI item scope, DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 9,232
MC	37	PS001	DOMESTIC HOT WATER HEATER REPLACEMENT	Y04	2007	1	EA	10	19	-9	$8,000.00	$ 8,000	$ 9,232
			MECHANICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 4,940,809
MC	14	MS001	MAINTENANCE/REPLACEMENTS A/C SYSTEM FOR TECH CLOSET	Y04	*2015*	2	EA	18	11	7	$20,000.00	$ 40,000	$ 46,162
MC	17	MS002	AIR HANDLING UNIT, AH-1 REFURBISHMENT/RECOMMISSIONING	Y04	1994	1	EA	25	32	-7	$15,000.00	$ 15,000	$ 17,311
MC	24	MS003	MAINTENANCE/REPLACEMENTS A/C SYSTEM FOR TECH CLOSET	Y04	*2015*	2	EA	18	11	7	$20,000.00	$ 40,000	$ 46,162
MC	27	MS004	AIR HANDLING UNIT, AH-2 COOLING COIL IS OXIDATION AT THE DRAIN PAN AND NEEDS REPLACEMENT	Y04	1994	1	EA	25	32	-7	$30,000.00	$ 30,000	$ 34,622
MC	34	MS005	"IT CLOSET" AN SPLIT-AC UNIT DOESN'T WORK OR IS NOT WORKING PROPERLY. THE ROOM IS CURRENTLY AT 78 DEGREES WITH MIN LOADED.	Y04	*2015*	2	EA	18	11	7	$20,000.00	$ 40,000	$ 46,162
MC	37	MS006	HOT WATER HEATING PUMP MAINTENANCE/REPLACEMENTS	Y04	1994	2	EA	20	32	-12	$40,000.00	$ 80,000	$ 92,325
MC	37	MS007	BOILER REPLACEMENTS	Y04	1994	3	EA	25	32	-7	$65,000.00	$ 195,000	$ 225,042
MC	INTERIOR-BUILDING WIDE	MS009	ZONING OF PERIMETER HOT WATER RADIANT HEATING SYSTEM FOR IMPROVED TEMPERATURE CONTROL IN VARIOUS CLASSROOM AND OFFICE AREAS	UUU25	1994	30,000	SF	20	32	-12	$25.00	$ 750,000	$ 865,545
MC	INTERIOR-BUILDING WIDE	MS010	VAV BOX REPLACEMENTS	UUU25	2015	50,000	SF	20	11	9	$25.00	$ 1,250,000	$ 1,442,575
MC	EXTERIOR-ROOF	MS011	CHILLER ROOF-MOUNTED CONDENSING UNIT MAINTENANCE/REPLACEMENTS.	UUU25	1994	3	EA	15	32	-17	$625,845.00	$ 1,877,535	$ 2,109,900
MC	EXTERIOR-ROOF	MS013	ROOF-MOUNTED EXHAUST FAN, EFR-1 REPLACEMENT	UUU25	1994	1	EA	20	32	-12	$6,500.00	$ 6,500	$ 7,501
MC	EXTERIOR-ROOF	MS014	ROOF-MOUNTED EXHAUST FAN, EFR-2 REPLACEMENT	UUU25	1994	1	EA	20	32	-12	$6,500.00	$ 6,500	$ 7,501
			ELECTRICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 109,059
MC	001	ES001	REPLACE FLUORESCENT LIGHTING	W06	1994	6	EA	20	32	-12	$250.00	$ 1,500	$ 1,731
MC	002	ES002	REPLACE FLUORESCENT LIGHTING	W06	1994	15	EA	20	32	-12	$250.00	$ 3,750	$ 4,328
MC	003	ES003	REPLACE FLUORESCENT LIGHTING	W06	1994	7	EA	20	32	-12	$250.00	$ 1,750	$ 2,020
MC	004	ES004	REPLACE FLUORESCENT LIGHTING	W06	1994	10	EA	20	32	-12	$250.00	$ 2,500	$ 2,885
MC	005	ES005	REPLACE FLUORESCENT LIGHTING	W06	1994	8	EA	20	32	-12	$250.00	$ 2,000	$ 2,308
MC	025	ES009	REPLACE FLUORESCENT LIGHTING	210	1994	9	EA	20	32	-12	$250.00	$ 2,250	$ 2,597
MC	036	ES012	REPLACE FLUORESCENT LIGHTING	310	1994	3	EA	20	32	-12	$250.00	$ 750	$ 866
MC	037	ES013	REPLACE FLUORESCENT LIGHTING	310	1994	3	EA	20	32	-12	$250.00	$ 750	$ 866
MC	038	ES014	REPLACE FLUORESCENT LIGHTING	310	1994	3	EA	20	32	-12	$250.00	$ 750	$ 866
MC	040	ES015	REPLACE FLUORESCENT LIGHTING	210	*2006*	18	EA	20	20	0	$250.00	$ 4,500	$ 5,193
MC	050	ES016	REPLACE FLUORESCENT LIGHTING	210	*2006*	9	EA	20	20	0	$250.00	$ 2,250	$ 2,597
MC	060	ES017	REPLACE FLUORESCENT LIGHTING	310	*2015*	3	EA	20	11	9	$250.00	$ 750	$ 866
MC	11	ES018	REPLACE FLUORESCENT LIGHTING	X03	1994	10	EA	20	32	-12	$250.00	$ 2,500	$ 2,885
MC	12	ES019	REPLACE FLUORESCENT LIGHTING	X01	1994	1	EA	20	32	-12	$250.00	$ 250	$ 289
MC	13	ES020	REPLACE FLUORESCENT LIGHTING	X03	1994	9	EA	20	32	-12	$250.00	$ 2,250	$ 2,597
MC	14	ES021	REPLACE FLUORESCENT LIGHTING	Y04	1994	3	EA	20	32	-12	$250.00	$ 750	$ 866
MC	15	ES022	REPLACE FLUORESCENT LIGHTING	Y04	1994	1	EA	20	32	-12	$250.00	$ 250	$ 289
MC	17	ES023	REPLACE FLUORESCENT LIGHTING	Y04	1994	8	EA	20	32	-12	$250.00	$ 2,000	$ 2,308

SCHOOLCRAFT COLLEGE; MCDOWELL CENTER - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
MC	18	ES024	REPLACE FLUORESCENT LIGHTING	Y04	1994	6	EA	20	32	-12	$250.00	$ 1,500	$ 1,731
MC	18	ES025	REPLACE ELECTRICAL POWER DISTRIBUTION (MAB, PANELS, TRANSFORMERS, ETC)	Y04	1994	1	EA	20	32	-12	$25,000.00	$ 25,000	$ 28,851
MC	19	ES026	REPLACE FLUORESCENT LIGHTING	W04	1994	6	EA	20	32	-12	$250.00	$ 1,500	$ 1,731
MC	21	ES027	REPLACE FLUORESCENT LIGHTING	X03	1994	10	EA	20	32	-12	$250.00	$ 2,500	$ 2,885
MC	22	ES028	REPLACE FLUORESCENT LIGHTING	X01	1994	1	EA	20	32	-12	$250.00	$ 250	$ 289
MC	23	ES029	REPLACE FLUORESCENT LIGHTING	X03	1994	9	EA	20	32	-12	$250.00	$ 2,250	$ 2,597
MC	24	ES030	REPLACE FLUORESCENT LIGHTING	Y04	1994	2	EA	20	32	-12	$250.00	$ 500	$ 577
MC	27	ES031	REPLACE FLUORESCENT LIGHTING	Y04	1994	6	EA	20	32	-12	$250.00	$ 1,500	$ 1,731
MC	31	ES032	REPLACE FLUORESCENT LIGHTING	X03	1994	10	EA	20	32	-12	$250.00	$ 2,500	$ 2,885
MC	32	ES033	REPLACE FLUORESCENT LIGHTING	X01	1994	1	EA	20	32	-12	$250.00	$ 250	$ 289
MC	33	ES034	REPLACE FLUORESCENT LIGHTING	X03	1994	9	EA	20	32	-12	$250.00	$ 2,250	$ 2,597
MC	34	ES035	REPLACE FLUORESCENT LIGHTING	Y04	1994	2	EA	20	32	-12	$250.00	$ 500	$ 577
MC	37	ES036	REPLACE FLUORESCENT LIGHTING	Y04	1994	6	EA	20	32	-12	$250.00	$ 1,500	$ 1,731
MC	100A	ES037	REPLACE FLUORESCENT LIGHTING	110	1994	10	EA	20	32	-12	$250.00	$ 2,500	$ 2,885
MC	100B	ES038	REPLACE FLUORESCENT LIGHTING	110	1994	10	EA	20	32	-12	$250.00	$ 2,500	$ 2,885
MC	100C	ES039	REPLACE FLUORESCENT LIGHTING	110	1994	10	EA	20	32	-12	$250.00	$ 2,500	$ 2,885
MC	100D	ES040	REPLACE FLUORESCENT LIGHTING	110	1994	10	EA	20	32	-12	$250.00	$ 2,500	$ 2,885
MC	166	ES041	REPLACE FLUORESCENT LIGHTING	310	1994	2	EA	20	32	-12	$250.00	$ 500	$ 577
MC	167	ES042	REPLACE FLUORESCENT LIGHTING	310	1994	3	EA	20	32	-12	$250.00	$ 750	$ 866
MC	168	ES043	REPLACE FLUORESCENT LIGHTING	310	1994	2	EA	20	32	-12	$250.00	$ 500	$ 577
MC	169	ES044	REPLACE FLUORESCENT LIGHTING	315	2015	2	EA	20	11	9	$250.00	$ 500	$ 577
MC	170	ES045	REPLACE FLUORESCENT LIGHTING	315	1994	2	EA	20	32	-12	$250.00	$ 500	$ 577
MC	2001	ES050	REPLACE FLUORESCENT DOWN LIGHTING	W06	1994	6	EA	20	29	-9	$250.00	$ 1,500	$ 1,731
MC	STC-0	ES053	REPLACE FLUORESCENT LIGHTING	W07	1994	2	EA	20	32	-12	$250.00	$ 500	$ 577
MC	STS-1	ES055	REPLACE FLUORESCENT LIGHTING	W07	1994	1	EA	20	32	-12	$250.00	$ 250	$ 289
MC	STE-1	ES056	REPLACE FLUORESCENT LIGHTING	W07	1994	2	EA	20	32	-12	$250.00	$ 500	$ 577
MC	STC-1	ES057	REPLACE FLUORESCENT LIGHTING	W07	1994	7	EA	20	32	-12	$250.00	$ 1,750	$ 2,020
MC	STS-2	ES059	REPLACE FLUORESCENT LIGHTING	W07	1994	2	EA	20	32	-12	$250.00	$ 500	$ 577
MC	STC-2	ES060	REPLACE FLUORESCENT LIGHTING	W07	1994	8	EA	20	32	-12	$250.00	$ 2,000	$ 2,308
MC	VEST-LLS	ES061	REPLACE FLUORESCENT LIGHTING	W06	1994	2	EA	20	32	-12	$250.00	$ 500	$ 577
MC	VEST-LLE	ES062	REPLACE FLUORESCENT LIGHTING	W06	1994	1	EA	20	32	-12	$250.00	$ 250	$ 289
MC	VEST-N	ES063	REPLACE FLUORESCENT LIGHTING	W06	1994	1	EA	20	32	-12	$250.00	$ 250	$ 289
MC	VEST-S	ES064	REPLACE FLUORESCENT LIGHTING	W06	1994	1	EA	20	32	-12	$250.00	$ 250	$ 289
			BUILDING SYSTEMS (Fire, security, IT/media infrastructure. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 49,048
MC	18	BS001	CLOCK SYSTEM REPLACEMENT	UUU25	1994	1	EA	20	32	-12	$35,000.00	$ 35,000	$ 40,392
MC	37	BS002	BOILER ROOM EPO SYSTEM	Y04	1994	1	EA	20	32	-12	$7,500.00	$ 7,500	$ 8,655
			SPECIALTY EQUIPMENT (Food service, theatre, labs, shops. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 388,047
MC	1E ELEVATOR NO. 29500	SE001	ELEVATOR MAINTENANCE	W02	1994	1	EA	4	32	-28	$336,245.00	$ 336,245	$ 388,047
			ACCESSIBILITY IMPROVEMENTS (Building codes & ADA standards for accessible design. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 179
MC	33	AI001	COAT RACK ADJUSTMENTS	X03	1994	1	EA	20	32	-12	$5.00	$ 5	$ 6
MC	ENTIRE BUILDING	AI002	BARRIER FREE DRINKING FOUNTAIN ADJUSTMENTS (EXCLUDES SECOND FLOOR)	W06	1994	6	EA	20	32	-12	$25.00	$ 150	$ 174
												ANNUAL FUNDING REQUIREMENTS (ROUNDED):	$ 6,552,820

SCHOOLCRAFT COLLEGE; PHYSICAL EDUCATION - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

SCHEDULED MAINTENANCE PROGRAM - CURRENT YEAR:	2026

BUILDING SECTION (BUILDING TYPE)	BUILDING AGE (YRS)	BUILDING AREA (GSF)
PHYSICAL EDUCATION (CLASSROOM)	1968	94,045

MAINTENANCE BACKLOG VALUE FOR BUILDING:	$ 9,129,935	- YEAR: 2027
REPLACEMENT VALUE FOR THE BUILDING:	$ 41,986,741	SPLIT FROM ESC 70%
FACILITY CONDITION INDEX (FCI):	22%	

PV OF TOTAL ANNUAL RESERVES:	$ 8,778,784	- YEAR: 2027

Schoolcraft College

FCI	BUILDING CONDITION
FCI < 10%	GOOD
10%< FCI< 30%	FAIR
30% < FCI	POOR (NEEDS ATTENTION)
ABOVE 60%	CONSIDER REPLACEMENT

SOURCE: OpenGov

INFLATION RATE (%)	YEAR
2.4%	2024
3.7%	2025
4.0%	2026
4.0%	2027
4.0%	2028
4.0%	2029
4.0%	2030
4.0%	2031
4.0%	2032
4.0%	2033

ITEM NO. CODES
AI: ACCESSIBILITY IMPROVEMENT
BE: BUILDING EXTERIOR
BI: BUILDING INTERIOR
BS: BUILDING SYSTEM
ES: ELECTRICAL SYSTEM
MS: MECHANICAL SYSTEM
PS: PLUMBING SYSTEM
SG: SITE GROUNDS
SE: SPECIALTY EQUIPMENT

LEGEND
AVG: AVERAGE
CF: CUBIC FEET
CY: CUBIC YARDS
EA: EACH
EUL: ESTIMATED USEFUL LIFE
GSF: GROSS SQUARE FEET
LOC: LOCATION (SITE/BLDG)
PV: PRESENT VALUE
RUL: ESTIMATED USEFUL LIFE
SF: SQUARE FEET
SY: SQUARE YARDS
YRS: YEARS

REMAINING USEFUL LIFE (RUL) BAROMETER
- RUL = 1 YEAR OR LESS
- RUL = 2 YEARS TO 9 YEARS
- RUL = 10 YEARS OR GREATER

(11 YEARS OR GREATER NOT FACTORED INTO FCI)

ITEM NO.
Picture(s) associated with blue & underlined item no.

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			BUILDING ENVELOPE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 1,348,807
PE	153	BE002	WATERPROOFING NORTH SIDE OF RACQUETBALL COURTS	520	2014	3,490	SF	25	12	13	$15.00	$ 52,350	$ -
PE	154	BE003	WATERPROOFING NORTH SIDE OF RACQUETBALL COURTS	520	2014	3,490	SF	25	12	13	$15.00	$ 52,350	$ -
PE	EXTERIOR-EAST ELEVATION	BE004	RESEAL PERIMETER OF CONC IN-FILL WALL PANELS	MMM16	1968	200	LF	40	58	-18	$50.00	$ 10,000	$ 11,541
PE	EXTERIOR-EAST ELEVATION	BE005, BE005A	REPLACE SPALLING BRICK DUE TO DE-ICING SALTS	MMM16	1968	300	SF	40	58	-18	$10.00	$ 3,000	$ 3,462
PE	EXTERIOR-EAST ELEVATION	BE006, BE006A	BRICK WALLS SHOWING IRON SPOTS-REPLACE / CLEAN BRICKS	MMM16	1968	20	LS	40	58	-18	$50.00	$ 1,000	$ 1,154
PE	EXTERIOR-EAST ELEVATION	BE008	REPAIR MISSING MORTAR IN BRICK-NEEDS TUCK POINTING	MMM16	1968	20	LS	40	58	-18	$200.00	$ 4,000	$ 4,616
PE	EXTERIOR-NORTH ELEVATION	BE011	RESEAL CONCRETE SLAB EXPANSION JOINTS AT ENTRY PE6	SSS08	*2011*	30	LF	30	15	15	$175.00	$ 5,250	$ -
PE	EXTERIOR-SOUTH ELEVATION	BE012	STONE BENCH IS WEATHERING AND NEEDS REPAIRING / REPLACEMENT	SSS02	*2004*	10	LF	10	22	-12	$1,000.00	$ 10,000	$ 11,541
PE	EXTERIOR-SOUTH ELEVATION	BE013	SLATE SLABS AT ENTRY PE3 IS CHIPPING AND IS A TRIP HAZARD	SSS08	2004	300	SF	10	22	-12	$75.00	$ 22,500	$ 25,966
PE	EXTERIOR-SOUTH ELEVATION	BE014, BE014A	PE3 CANOPY SOFFIT IS SAGGING AND NEEDS SUPPORT / RE-INSTALL	MMM16	1968	500	SF	20	58	-38	$125.00	$ 62,500	$ 72,129
PE	EXTERIOR-ROOF	BE015	ROOF HATCH TO POOL ROOF NEEDS REPLACING	MMM16	1968	1	LS	20	58	-38	$5,000.00	$ 5,000	$ 5,770
PE	EXTERIOR-ROOF	BE016, BE016A	STANDING SEAM METAL ROOFING IS NEAR END OF LIFE-CHALKING AND CAPS ARE LOOSE	MMM16	2002	5,000	SF	20	24	-4	$45.00	$ 225,000	$ 259,663
PE	EXTERIOR-ROOF	BE017	REPLACE ALL ORIGINAL EXP JOINT COVERS	MMM16	1968	1,150	LF	40	58	-18	$75.00	$ 86,250	$ 99,538
PE	EXTERIOR-ROOF	BE018	PE ROOF REPLACEMENT - NORTHEAST MECHANICAL ROOM	MMM16	1991	14,500	SF	25	35	-10	$25.00	$ 362,500	$ 418,347
PE	EXTERIOR-ROOF	BE019	PE NORTH ROOF REPLACEMENT (POOL)	MMM16	1993	11,500	SF	25	33	-8	$25.00	$ 287,500	$ 331,792
PE	EXTERIOR-ROOF	BE020, BE020A, BE020B	REPLACE ORIGINAL METAL COPINGS / FLASHINGS	MMM16	1968	1,150	LF	40	58	-18	$50.00	$ 57,500	$ 66,358
PE	EXTERIOR-ALL ELEVATIONS	BE023	RE-CAULK BLDG CONTROL JOINTS	MMM16	1968	800	LF	15	58	-43	$40.00	$ 32,000	$ 36,930
			BUILDING INTERIOR (DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 5,540,786
PE	1	BI001	SEAL PENETRATION OF PIPE IN WALL-PAINT PIPE	Y04	1968	1	EA	20	58	-38	$150.00	$ 150	$ 173
PE	2	BI003	POOL MECHNICAL ROOM CONCRETE REPAIRS	Y04	1968	1	LS	25	58	-33	$200.00	$ 200	$ 231
PE	2A	BI004	POOL MECHNICAL ROOM CONCRETE REPAIRS	Y04	1968	1	LS	25	58	-33	$200.00	$ 200	$ 231
PE	10	BI005, BI005A	CONDUIT ENTRANCE WATERPROOFING	Y04	2011	1	LS	20	15	5	$200.00	$ 200	$ 231
PE	10	BI006	DOOR REPLACEMENTS	Y04	1968	65	EA	50	58	-8	$2,500.00	$ 162,500	$ 187,535
PE	40	BI008	TOILET ROOM UPGRADES; INCLUDING ADA IMPROVEMENTS	X03	1968	400	SF	25	58	-33	$5,000.00	$ 2,000,000	$ 2,308,120
PE	50	BI009	TOILET ROOM UPGRADES; INCLUDING ADA IMPROVEMENTS	X03	1968	400	SF	25	58	-33	$5,000.00	$ 2,000,000	$ 2,308,120
PE	65	BI014	SEAL ALL PIPE PENETRATIONS	MMM16	2012	200	SF	15	14	1	$10.00	$ 2,000	$ 2,308
PE	105	BI015	REPLACE DAMAGED CARPET	110	2011	625	SF	20	15	5	$7.00	$ 4,375	$ 5,049
PE	120	BI016	RUBBER BASE IS LOOSE AT PERIMETER WALLS-REPAIR	520	2011	20	LF	20	15	5	$10.00	$ 200	$ 231

EVALUATION DATE: 10/19/2026

SCHOOLCRAFT COLLEGE; PHYSICAL EDUCATION - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
PE	121	BI017, BI017A, BI017B	FIRE CURTAIN GYP BD HEAD IS DAMAGED-REPLACE STAINED, BROKEN ACOUSTICAL CEILING PANELS	675	2011	40	LF	20	15	5	$150.00	$ 6,000	$ 6,924
PE	150-UPPER	BI019	DOOR REPLACEMENTS	525	1968	2	EA	20	58	-38	$2,500.00	$ 5,000	$ 5,770
PE	150-LOWER (NORTH STAIRWELL)	BI020, BI020A	STAIR TREADS RUSTING-CLEAN AND PAINT - PAINT STAIR RAIL	525	1968	2	LS	20	58	-38	$1,500.00	$ 3,000	$ 3,462
PE	151	BI021	COURT DOOR DAMAGED-REPAIR	520	1968	1	EA	20	58	-38	$2,000.00	$ 2,000	$ 2,308
PE	153	BI022, BI022A	REPAIR DAMAGED WALL FROM MOISTURE	520	1968	35	SF	20	58	-38	$1,500.00	$ 52,500	$ 60,588
PE	153	BI023	CEILING PLASTER DAMAGE	520	1968	20	SF	20	58	-38	$1,500.00	$ 30,000	$ 34,622
PE	160	BI024	CEILING LIGHT IS NOT SECURED	W06	1968	1	EA	20	58	-38	$250.00	$ 250	$ 289
PE	160	BI025	BURN MARK ON RETURN AIR GRILLE-REPAIR	W06	1968	1	EA	20	58	-38	$350.00	$ 350	$ 404
PE	161	BI026	TILE BASE DAMAGED AT CORNERS-REPAIR	525	2002	6	EA	20	24	-4	$500.00	$ 3,000	$ 3,462
PE	162	BI027	DOOR HARDWARE REPAIR	W06	1968	1	EA	30	58	-28	$1,500.00	$ 1,500	$ 1,731
PE	162	BI028	CLEAN ALL RETURN AIR GRILLES	W06	2001	12	EA	30	25	5	$100.00	$ 1,200	$ 1,385
PE	163	BI029	UPPER AND LOWER CASEWORK IS NEAR END OF LIFE	525	1968	10	LF	15	58	-43	$800.00	$ 8,000	$ 9,232
PE	165	BI030	REPAIR WALL AT BLANK OFF COVER AT CARD SWIPE	525	2002	1	EA	15	24	-9	$350.00	$ 350	$ 404
PE	165	BI031	TILE BASE CHIPPED AT CORNER-REPAIR	525	2002	1	EA	20	24	-4	$250.00	$ 250	$ 289
PE	165	BI032	TILE WALL CRACKED IN TOILET AREA	525	2002	1	EA	20	24	-4	$250.00	$ 250	$ 289
PE	200A	BI033	CEILING ACCESS PANEL NOT SECURED - ACOUSTICAL CEILING PANELS SAGGING, DAMAGED	315	2011	20	SF	20	15	5	$15.00	$ 300	$ 346
PE	300	BI034	INSTALL AT CATWALK SYSTEM ABOVE THE POOL CEILING FOR BETTER / SAFER ACCESS TO MAINTAIN LIGHT FIXTURES	520	1968	1	LS	40	58	-18	$75,000.00	$ 75,000	$ 86,554
PE	300	BI035	POOL CEILING UPGRADE	520	1968	10,640	SF	35	58	-23	$25.00	$ 266,000	$ 306,980
PE	1000	BI036	MAIN LOBBY CEILING AND LIGHTING UPGRADE	W05	1968	2,500	SF	35	58	-23	$25.00	$ 62,500	$ 72,129
PE	1000	BI037	STAIR HANDRAIL IMPROVEMENTS	W05	1968	60	LF	20	58	-38	$225.00	$ 13,500	$ 15,580
PE	1000	BI038	DOOR REPLACEMENTS	W05	1968	24	EA	50	58	-8	$2,500.00	$ 60,000	$ 69,244
PE	1002	BI039	REPLACE SAGGING, BROKEN AC CEILING PANELS	W06	2002	3,600	SF	20	24	-4	$8.00	$ 28,800	$ 33,237
PE	1002	BI040	MISSING CEILING DEVICES	W06	*2022*	4	EA	20	4	16	$250.00	$ 1,000	$ -
PE	1002	BI041	FIX OUTLET ABOVE DISPLAY CASE	W06	1968	1	LS	20	58	-38	$250.00	$ 250	$ 289
PE	ST-NE-1	BI042	RAQUETBALL STAIR IMPROVEMENTS	W07	1968	1	LS	25	58	-33	$5,000.00	$ 5,000	$ 5,770
PE	VEST-E	BI043	ENTRANCE MAT REPLACEMENT	W07	*2011*	420	SF	15	15	0	$15.00	$ 6,300	$ 7,271
			PLUMBING SYSTEMS (May be packaged with BI item scope, DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 109,347
PE	2	PS001	REPLACE PLASTIC PIPING ON POOL FILTRATION SYSTEM	520	2004	1	LF	25	22	3	$3,000.00	$ 3,000	$ 3,462
PE	2	PS002	DOMESTIC WATER PIPE	Y04	1968	150	LF	50	58	-8	$75.00	$ 11,250	$ 12,983
PE	2A	PS003	REPLACE PLASTIC PIPING ON POOL FILTRATION SYSTEM	520	2004	1	LF	25	22	3	$3,000.00	$ 3,000	$ 3,462
PE	40	PS004	GANG TOILET ROOM FIXTURE UPGRADES	X03	1968	17	EA	40	58	-18	$2,500.00	$ 42,500	$ 49,048
PE	50	PS005	GANG TOILET ROOM FIXTURE UPGRADES	X03	1968	14	EA	40	58	-18	$2,500.00	$ 35,000	$ 40,392
			MECHANICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 141,661
PE	85	MS001	RETURN AIR FAN RAF-1	UUU25	1968	1	EA	25	58	-33	$6,500.00	$ 6,500	$ 7,501
PE	85	MS002	EXHAUST FAN EF-3	UUU25	1968	1	EA	25	58	-33	$6,500.00	$ 6,500	$ 7,501
PE	85	MS003	EXHAUST FAN EF-4	UUU25	1968	1	EA	25	58	-33	$6,500.00	$ 6,500	$ 7,501
PE	90	MS004	REPLACE AIR HANDLING UNIT, AH-9 CONVERTING FROM DX COOLING TO CHILLED WATER	UUU25	2000	1	EA	40	26	14	$120,000.00	$ 120,000	$ -
PE	300	MS005	SUPPLY AND RETURN AIR GRILLES IN NATATORIUM	520	1968	150	SF	25	58	-33	$15.00	$ 2,250	$ 2,597
PE	EXTERIOR-ROOF	MS006	ROOF MOUNTED HOODS	UUU25	1968	14	EA	20	58	-38	$3,500.00	$ 49,000	$ 56,549
PE	ENTIRE BUILDING	MS007	HVAC SYSTEMS CLEANING	UUU25	2001	80,000	SF	5	25	-20	$0.65	$ 52,000	$ 60,011
			ELECTRICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 307,292
PE	15	ES001, ES001A	REPLACE STORAGE AND UTILITY ROOM LIGHTING	780	1968	3	EA	20	58	-38	$250.00	$ 750	$ 866
PE	30	ES002	REPLACE STORAGE AND UTILITY ROOM LIGHTING	X01	1968	2	EA	20	58	-38	$250.00	$ 500	$ 577
PE	40	ES003	REPLACE TOILET ROOM FLUORESCENT LIGHTING	X03	*1968*	9	EA	20	58	-38	$250.00	$ 2,250	$ 2,597
PE	50	ES004	REPLACE TOILET ROOM FLUORESCENT LIGHTING	X03	*1968*	9	EA	20	58	-38	$250.00	$ 2,250	$ 2,597
PE	55	ES005	UPDATE MAIN SWITCHBOARD	Y04	2012	1	EA	20	14	6	$10,000.00	$ 10,000	$ 11,541
PE	55	ES006	REPLACE LIFE SAFETY AUTOMATIC TRANSFER SWITCH (ATS-E)	Y04	2008	1	EA	20	18	2	$10,000.00	$ 10,000	$ 11,541
PE	55	ES007	UPDATE STANDBY POWER SYSTEMS AUTOMATIC TRANSFER SWITCH (ATS-NE)	Y04	2008	1	EA	20	18	2	$10,000.00	$ 10,000	$ 11,541
PE	55	ES008	ADD VARIABLE FREQUENCY DRIVE (VFD)	Y04	2012	6	EA	20	14	6	$5,000.00	$ 30,000	$ 34,622
PE	55	ES009	REPLACE ELECTRICAL ROOM FLUORESCENT LIGHTING	Y04	1968	6	EA	20	58	-38	$250.00	$ 1,500	$ 1,731
PE	55	ES010	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MTD IN CORRIDOR WALLS	Y04	1968	4	EA	20	58	-38	$5,000.00	$ 20,000	$ 23,081

SCHOOLCRAFT COLLEGE; PHYSICAL EDUCATION - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
PE	85	ES011	REPLACE MECH. RM. FLUOR. LIGHTING	Y04	2012	5	EA	20	14	6	$250.00	$ 1,250	$ 1,443
PE	110	ES012	GYMNASIUM HIGH BAY FLUOR. LIGHTING	520	2022	50	EA	20	4	16	$250.00	$ 12,500	$ -
PE	110	ES013, ES013A, ES013B, ES013C, ES014D	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MOUNTED IN CORRIDOR WALLS	520	1968	3	EA	20	58	-38	$5,000.00	$ 15,000	$ 17,311
PE	113	ES014	REPLACE STORAGE AND UTILITY ROOM LIGHTING	X01	1968	2	EA	20	58	-38	$250.00	$ 500	$ 577
PE	114	ES015	REPLACE STORAGE AND UTILITY ROOM LIGHTING	525	1968	2	EA	20	58	-38	$250.00	$ 500	$ 577
PE	140	ES016	REPLACE DANCE AEROBICS AREA FLUORESCENT LIGHTING	520	2011	6	EA	20	15	5	$250.00	$ 1,500	$ 1,731
PE	160	ES023	REPLACE TEAM ROOM FLUORESCENT LIGHTING	525	1968	2	EA	20	58	-38	$250.00	$ 500	$ 577
PE	161	ES024	REPLACE TEAM ROOM FLUOR LIGHTING	525	1968	2	EA	20	58	-38	$250.00	$ 500	$ 577
PE	162	ES025, ES025A	REPLACE TEAM ROOM FLUOR LIGHTING	525	1968	2	EA	20	58	-38	$250.00	$ 500	$ 577
PE	163	ES026	REPLACE TRAINER'S ROOM FLUORESENT LIGHTING	525	1968	2	EA	20	58	-38	$250.00	$ 500	$ 577
PE	164	ES027	REPLACE TEAM ROOM FLUOR LIGHTING	525	1968	3	EA	20	58	-38	$250.00	$ 750	$ 866
PE	165	ES028	REPLACE LOCKER ROOM LIGHTING	525	1968	2	EA	20	58	-38	$250.00	$ 500	$ 577
PE	170	ES029	REPLACE LOCKER ROOM LIGHTING	525	1968	4	EA	20	58	-38	$2,505.00	$ 10,020	$ 11,564
PE	190	ES031	REPLACE LOCKER ROOM FLUORESCENT LIGHTING	525	1968	43	EA	20	58	-38	$250.00	$ 10,750	$ 12,406
PE	210	ES032	REPLACE DANCE AREA FLUORESCENT LIGHTING	520	2022	48	EA	20	4	16	$250.00	$ 12,000	$ -
PE	300	ES033	REPLACE POOL AREA LIGHTING	520	2018	43	EA	20	8	12	$250.00	$ 10,750	$ -
PE	1001	ES034	CORRIDOR LIGHTING	W06	2008	5	EA	20	18	2	$250.00	$ 1,250	$ 1,443
PE	1002	ES035	CORRIDOR LIGHTING	W06	2008	10	EA	20	18	2	$250.00	$ 2,500	$ 2,885
PE	PE150 - LOWER	ES036	REPLACE RACQUETBALL CORRIDOR LIGHTING	525	*2009*	6	EA	20	17	3	$250.00	$ 1,500	$ 1,731
PE	1000	ES037	REPLACE LOBBY SURFACE MOUNTED DOWN LIGHTING	W05	1968	26	EA	20	58	-38	$250.00	$ 6,500	$ 7,501
PE	POOL BASEMENT	ES038, ES038A	REPLACE POOL 1ST FLOOR MEN'S LOCKER ROOM AND FAMILY CHANGING ROOM LIGHTING	Y04	*2008*	20	EA	20	18	2	$250.00	$ 5,000	$ 5,770
PE	1002	ES039	REPLACE MAIN FLUORESCENT CORRIDOR LIGHTING	W06	2009	19	EA	20	17	3	$250.00	$ 4,750	$ 5,482
PE	INTERIOR-BUILDING WIDE	ES040	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS	UUU04	1968	12	EA	20	58	-38	$5,000.00	$ 60,000	$ 69,244
PE	INTERIOR-BUILDING WIDE	ES041	EXIT LIGHTING REPLACEMENT	UUU25	2008	45	EA	20	18	2	$250.00	$ 11,250	$ 12,983
PE	EXTERIOR	ES042	SERVICE TRANSFORMER REPLACEMENT	UUU04	2012	1	EA	20	14	6	$15,000.00	$ 15,000	$ 17,311
PE	EXTERIOR	ES043	STANDBY GENERATOR REPLACEMENT	UUU04	2008	1	EA	20	18	2	$25,000.00	$ 25,000	$ 28,851
PE	EXTERIOR	ES044, ES044A	REPLACE EXTERIOR BUILDING LIGHTING	UUU10	2008	8	EA	20	18	2	$250.00	$ 2,000	$ 2,308
PE	EXTERIOR	ES045, ES045A	REPLACE EXTERIOR SOFFIT LIGHTING	UUU10	*2008*	6	EA	20	18	2	$250.00	$ 1,500	$ 1,731
			BUILDING SYSTEMS (Fire, security, IT/media infrastructure. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 251,008
PE	2	BS001	MAINTENANCE POOL BASEMENT CONDUITS	UUU05	1968	1	LS	20	58	-38	$10,000.00	$ 10,000	$ 11,541
PE	2A	BS002	MAINTENANCE POOL BASEMENT CONDUITS	UUU05	1968	1	LS	20	58	-38	$10,000.00	$ 10,000	$ 11,541
PE	2B	BS003	MAINTENANCE POOL BASEMENT CONDUITS	UUU05	1968	1	LS	20	58	-38	$10,000.00	$ 10,000	$ 11,541
PE	10	BS004	REPAIR INCOMING FIBER COMMUNICATION RACEWAY	UUU02	2009	1	LS	20	17	3	$20,000.00	$ 20,000	$ 23,081
PE	55	BS005	BOILER ROOM EPO SYSTEM	Y04	2012	1	LS	20	14	6	$7,500.00	$ 7,500	$ 8,655
PE	110	BS006	REPLACE GYMNASIUM LIGHTING CONTROLS	520	1968	1	LS	20	58	-38	$75,000.00	$ 75,000	$ 86,554
PE	INTERIOR-BUILDING WIDE	BS007	PRIMAX CLOCK SYSTEM UPGRADE	UUU25	1968	1	EA	20	58	-38	$85,000.00	$ 85,000	$ 98,095
			SPECIALTY EQUIPMENT (Food service, theatre, labs, shops. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
PE										0	$0.00	$ -	$ -
			ACCESSIBILITY IMPROVEMENTS (Building codes & ADA standards for accessible design. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 1,431,034
PE	1000	AI001	IMPROVE BARRIER-FREE ACCESS TO PE LEVELS AT WEST END OF BUILDING (I.E. WHEELCHAIR LIFTS)	W05	1968	1	LS	20	58	-38	$310,000.00	$ 310,000	$ 357,759
PE	2000	AI002	IMPROVE BARRIER-FREE ACCESS TO PE LEVELS AT WEST END OF BUILDING (I.E. WHEELCHAIR LIFTS)	W06	1968	1	LS	20	58	-38	$310,000.00	$ 310,000	$ 357,759
PE	3000	AI003	IMPROVE BARRIER-FREE ACCESS TO PE LEVELS AT WEST END OF BUILDING (I.E. WHEELCHAIR LIFTS)	W06	1968	1	LS	20	58	-38	$310,000.00	$ 310,000	$ 357,759
PE	3001	AI004	IMPROVE BARRIER-FREE ACCESS TO PE LEVELS AT WEST END OF BUILDING (I.E. WHEELCHAIR LIFTS)	W06	1968	1	LS	20	58	-38	$310,000.00	$ 310,000	$ 357,759
											ANNUAL FUNDING REQUIREMENTS (ROUNDED):		$ 9,129,935

EVALUATION DATE: 10/19/2026

SCHOOLCRAFT COLLEGE; SERVICE BUILDING - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

SCHEDULED MAINTENANCE PROGRAM - CURRENT YEAR:	2026

BUILDING SECTION (BUILDING TYPE)	BUILDING AGE (YRS)	BUILDING AREA (GSF)
SERVICE BUILDING - TOTAL (ADMIN)		37,944
SERVICE BUILDING - ORIGINAL	1963	4,243
SERVICE BUILDING - N & S ADDITIONS	1969	29,262
CAMPUS SECURITY POLICE ADDITION	2002	938
BOOKSTORE EXPANSION	2011	3,000
MAINTENANCE BACKLOG VALUE FOR BUILDING:	$	1,206,824 - YEAR: 2027
REPLACEMENT VALUE FOR THE BUILDING:	$	10,265,000
FACILITY CONDITION INDEX (FCI):		12%

PV OF TOTAL ANNUAL RESERVES:	$	1,154,856 - YEAR: 2027

FCI	BUILDING CONDITION
FCI < 10%	GOOD
10%< FCI< 30%	FAIR
30% < FCI	POOR (NEEDS ATTENTION)
ABOVE 60%	CONSIDER REPLACEMENT

SOURCE: OpenGov

INFLATION RATE (%):	YEAR
2.4%	2024
3.7%	2025
4.0%	2026
4.5%	2027
4.0%	2028
4.0%	2029
4.0%	2030
4.0%	2031
4.0%	2032
4.0%	2033

ITEM NO. CODES
AI: ACCESSIBILITY IMPROVEMENT
BE: BUILDING EXTERIOR
BI: BUILDING INTERIOR
BS: BUILDING SYSTEM
ES: ELECTRICAL SYSTEM
MS: MECHANICAL SYSTEM
PS: PLUMBING SYSTEM
SG: SITE GROUNDS
SE: SPECIALTY EQUIPMENT

LEGEND
AVG: AVERAGE
CF: CUBIC FEET
CY: CUBIC YARDS
EA: EACH
EUL: ESTIMATED USEFUL LIFE
GSF: GROSS SQUARE FEET
LOC: LOCATION (SITE/BLDG)
PV: PRESENT VALUE
RUL: ESTIMATED USEFUL LIFE
SF: SQUARE FEET
SY: SQUARE YARDS
YRS: YEARS

REMAINING USEFUL LIFE (RUL) BAROMETER
- RUL = 1 YEAR OR LESS
- RUL = 2 YEARS TO 9 YEARS
- RUL = 10 YEARS OR GREATER

(11 YEARS OR GREATER NOT FACTORED INTO FCI)

ITEM NO.
Picture(s) associated with blue & underlined item no.

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			BUILDING ENVELOPE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 344,510
SB	EXTERIOR-SOUTH ELEVATION	BE002	METAL FASCIA SOUTH OF WAREHOUSE IS DAMAGED AND NEEDS REPAIR	MMM16	1969	30	LF	30	57	-27	$75.00	$ 2,250	$ 2,597
SB	EXTERIOR-WEST ELEVATION	BE004, BE004A, BE004B, BE004C	MASONRY RETAINING WALL FOR DOOR BS3 HAS PRECAST STONE CAP WHICH NEED TO BE RE-SET, SEALED, AND REPLACE CRACKED STONE SLABS	MMM16	1969	50	LF	40	57	-17	$75.00	$ 3,750	$ 4,328
SB	EXTERIOR-ALL ELEVATIONS	BE005	METAL FASCIA SOFFITS NEED TO BE REPAINTED	MMM16	1969	1,700	SF	5	57	-52	$8.00	$ 13,600	$ 15,695
SB	EXTERIOR-WEST ELEVATION	BE006	REPLACE CONC SIDEWALK FLAG NEAR RETAINING WALL TO DOOR BS3	SSS08	*1969*	40	SF	10	57	-47	$75.00	$ 3,000	$ 3,462
SB	EXTERIOR-ALL ELEVATIONS	BE007	REMOVE ALL OLD DOOR SIGNAGE TAGS	MMM16	1969	20	EA	20	57	-37	$75.00	$ 1,500	$ 1,731
SB	EXTERIOR-ALL ELEVATIONS	BE008	REPLACE ALL RUSTED HM DOORS AND FRAMES	MMM16	1969	10	EA	20	57	-37	$15.00	$ 150	$ 173
SB	EXTERIOR-ROOF	BE009	REPLACE GUARDRAIL SYSTEM AT ROOF HATCH	MMM16	2009	1	EA	20	17	3	$250.00	$ 250	$ 289
SB	EXTERIOR-ROOF	BE011	EXHAUST SUPPORT FRAME IS RUSTING AND NEEDS TO BE REPAINTED	MMM16	1969	1	EA	5	57	-52	$500.00	$ 500	$ 577
SB	EXTERIOR-ROOF	BE012	PONDING ON ROOF SHOULD BE MINIMIZED. ADD DRAIN, IF POSSIBLE.	MMM16	2004	400	SF	25	22	3	$50.00	$ 20,000	$ 23,081
SB	EXTERIOR-ROOF	BE013	REMOVE 4X4 WOOD BLOCKING FROM ROOF	MMM16	2004	40	EA	25	22	3	$0.50	$ 20	$ 23
SB	EXTERIOR-ROOF	BE014	REPLACE ROOF MEMBRANE ON TRUCK PORT	MMM16	*1996*	4,500	SF	25	30	-5	$50.00	$ 225,000	$ 259,663
SB	EXTERIOR-ROOF	BE015	REPLACE OLD ROOF HATCH. RUSTED.	MMM16	1969	1	EA	25	57	-32	$7,500.00	$ 7,500	$ 8,655
SB	EXTERIOR-ROOF	BE016	REPAINT RUSTED STEEL FRAMING AND SCREEN WALL	MMM16	1969	2,000	SF	30	57	-27	$8.00	$ 16,000	$ 18,465
SB	EXTERIOR-ROOF	BE018	VTR PIPE SHOULD EXTEND 6" MIN ABOVE MEMB BOOT	UUU13	2005	1	EA	20	21	-1	$5,000.00	$ 5,000	$ 5,770
			BUILDING INTERIOR (DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 15,523
SB	120	BI004, BI004A	REPAIR CRACK IN CMU ABOVE AND BELOW WINDOW AT DOOR SB15	720	1969	1	EA	10	57	-47	$1,500.00	$ 1,500	$ 1,731
SB	230	BI005	REPAIR / REPLACE ALL CHIPPED AND BROKEN CEILING PANELS	730	2009	300	SF	20	17	3	$7.00	$ 2,100	$ 2,424
SB	400	BI006	REPAIR LEAK IN ROOF NEAR THIS BUCKET	660	2011	1	EA	20	15	5	$50.00	$ 50	$ 58
SB	401	BI007	CARPET IS WORN AND IS NEAR REPLACING	W06	2011	400	SF	20	15	5	$7.00	$ 2,800	$ 3,231
SB	401	BI008	CEILING PANEL NEEDS TO LAY IN GRID	W06	2011	1	EA	20	15	5	$0.50	$ 1	$ 1
SB	515	BI013	REPLACE ALL CHIPPED AND BROKEN ACOUSTICAL CEILING PANELS	310	*2004*	300	SF	20	22	-2	$7.00	$ 2,100	$ 2,424
SB	516	BI014	REPLACE ALL STAINED ACOUSTICAL CEILING PANELS	310	*2004*	400	SF	20	22	-2	$7.00	$ 2,800	$ 3,231
SB	523	BI015	REPLACE ALL CHIPPED AND BROKEN ACOUSTICAL CEILING PANELS	315	*2004*	300	SF	20	22	-2	$7.00	$ 2,100	$ 2,424
			PLUMBING SYSTEMS (May be packaged with BI item scope, DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
SB										0	$0.00	$ -	$ -

EVALUATION DATE: 10/19/2026

SCHOOLCRAFT COLLEGE; SERVICE BUILDING - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			MECHANICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 279,282
SB	60	MS001	HEATING HOT WATER CIRCULATING PUMP MAINTENANCE/REPLACEMENTS	Y04	2009	2	EA	20	17	3	$30,000.00	$ 60,000	$ 69,244
SB	60	MS002	BOILER REPLACEMENTS	Y04	2009	3	EA	25	17	8	$50,000.00	$ 150,000	$ 173,109
SB	EXTERIOR-ROOF	MS003	PAINT SHOP MAKEUP AIR UNIT	MMM16	2009	1	EA	20	17	3	$250.00	$ 250	$ 289
SB	ENTIRE BUILDING	MS004	HVAC SYSTEMS CLEANING	MMM16	2009	10,000	SF	5	17	-12	$3.00	$ 30,000	$ 34,622
SB	EXTERIOR-ROOF	MS005	PAINT SHOP EXHAUST FAN	720	2009	1	EA	20	17	3	$250.00	$ 250	$ 289
SB	EXTERIOR-ROOF	MS006	AIR-COOLED CHILLER AND DAMAGE INSULLATION ON ROOF MOUNTED CHILLED WATER PIPING	MMM16	2009	1	EA	20	17	3	$1,500.00	$ 1,500	$ 1,731
			ELECTRICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 449,218
SB	10	ES001	REPLACE MECH ROOM INCANDESCENT LIGHTING	Y04	1969	4	EA	20	57	-37	$250.00	$ 1,000	$ 1,154
SB	20	ES002	REPLACE CUSTODIAL INCANDESCENT LIGHTING	X01	1969	1	EA	20	57	-37	$250.00	$ 250	$ 289
SB	30	ES003	REPLACE LOCKER/TOILET ROOM LIGHTING	725	*2004*	2	EA	20	22	-2	$250.00	$ 500	$ 577
SB	40	ES004	REPLACE LOCKER/TOILET ROOM LIGHTING	725	*2004*	4	EA	20	22	-2	$250.00	$ 1,000	$ 1,154
SB	42	ES005	REPLACE LOCKER/TOILET ROOM LIGHTING	725	*2004*	4	EA	20	22	-2	$250.00	$ 1,000	$ 1,154
SB	43	ES006	REPLACE LOCKER ROOM LIGHTING	725	*2004*	4	EA	20	22	-2	$250.00	$ 1,000	$ 1,154
SB	50	ES007	REPLACE MECH/ELECT FLUOR LIGHTING	X01	1969	6	EA	20	57	-37	$250.00	$ 1,500	$ 1,731
SB	60	ES008, ES008A	REPLACE MECH/ELECT FLUOR LIGHTING	Y04	1969	6	EA	20	57	-37	$250.00	$ 1,500	$ 1,731
SB	60	ES009	MAIN SWITCHBOARD	Y04	2009	1	EA	20	17	3	$10,000.00	$ 10,000	$ 11,541
SB	60	ES010	LIFE SAFETY AUTOMATIC TRANSFER SWITCH (ATS-E)	Y04	2009	1	EA	20	17	3	$10,000.00	$ 10,000	$ 11,541
SB	60	ES011	STANDBY POWER SYSTEMS AUTOMATIC TRANSFER SWITCH (ATS-NE)	Y04	2009	1	EA	20	17	3	$10,000.00	$ 10,000	$ 11,541
SB	60	ES012	REPLACE ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	1969	3	EA	20	57	-37	$25,000.00	$ 75,000	$ 86,554
SB	60	ES013	LIGHTING AND RECEPTACLE PANELBOARDS	Y04	1963	5	EA	20	63	-43	$5,000.00	$ 25,000	$ 28,851
SB	70	ES014	REPLACE SHOP/STORAGE FLUOR LIGHTING	725	*2009*	11	EA	20	17	3	$250.00	$ 2,750	$ 3,174
SB	75	ES015	REPLACE PRIMARY ELECTRICAL ROOM INCANDESCENT AND FLUORESCENT LIGHTING	Y04	1963	15	EA	20	63	-43	$250.00	$ 3,750	$ 4,328
SB	75	ES016	COIL UP AND PROVIDE MECHANICAL PROTECTION AROUND THE EXPOSED GROUND CABLE AT THE FLOOE EXTENDING OUT OF THE PRIMARY SWITCH LINE-UP	Y04	1963	1	EA	20	63	-43	$5,000.00	$ 5,000	$ 5,770
SB	80	ES017	REPLACE ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	1963	3	EA	20	63	-43	$25,000.00	$ 75,000	$ 86,554
SB	80	ES018	REPLACE ELECTRICAL/PUMP ROOM INCAN LIGHTING	Y04	1963	2	EA	20	63	-43	$250.00	$ 500	$ 577
SB	85	ES019	REPLACE TOILET ROOM LIGHTING	X03	1969	1	EA	20	57	-37	$250.00	$ 250	$ 289
SB	85	ES020	ADD VACANCY SENSORS	X03	1969	1	EA	20	57	-37	$250.00	$ 250	$ 289
SB	90	ES021	ADD VACANCY SENSORS	X03	1969	1	EA	20	57	-37	$250.00	$ 250	$ 289
SB	90	ES022	REPLACE TOILET ROOM LIGHTING	X03	1969	1	EA	20	57	-37	$250.00	$ 250	$ 289
SB	95	ES023	REPLACE MECHANICAL ROOM INCANDESCENT AND FLUORESCENT LIGHTING	Y04	1969	4	EA	20	57	-37	$250.00	$ 1,000	$ 1,154
SB	100	ES024	REPLACE GARAGE/SHOP FLUOR LIGHTING	745	1969	10	EA	20	57	-37	$250.00	$ 2,500	$ 2,885
SB	110	ES025, ES025A, ES025B, ES025C, ES025D	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MOUNTED IN CORRIDOR WALLS	745	1969	1	EA	20	57	-37	$5,000.00	$ 5,000	$ 5,770
SB	110	ES026	REPLACE GARAGE/SHOP FLUOR LIGHTING	745	*2009*	10	EA	20	17	3	$250.00	$ 2,500	$ 2,885
SB	120	ES027	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MTD IN CORRIDOR WALLS	720	1969	2	EA	20	57	-37	$5,000.00	$ 10,000	$ 11,541
SB	120	ES028	REPLACE SHOP FLUORESCENT LIGHTING	720	*2009*	18	EA	20	17	3	$250.00	$ 4,500	$ 5,193
SB	130	ES029	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MTD IN CORRIDOR WALLS	720	1969	2	EA	20	57	-37	$5,000.00	$ 10,000	$ 11,541
SB	130	ES030	REPLACE SHOP/STORAGE FLUOR LIGHTING	720	*2009*	11	EA	20	17	3	$250.00	$ 2,750	$ 3,174
SB	140	ES031	REPLACE PAINT SHOP EXPLOSION-PROOF INCANDESCENT LIGHTING	720	1969	8	EA	20	57	-37	$250.00	$ 2,000	$ 2,308
SB	150	ES032	REPLACE SURF MTD STORAGE ROOM FLUOR LIGHTING	725	1969	4	EA	20	57	-37	$250.00	$ 1,000	$ 1,154
SB	200	ES033	REPLACE WAREHOUSE FLUOR LIGHTING	750	*2009*	32	EA	20	17	3	$250.00	$ 8,000	$ 9,232
SB	230	ES034	REPLACE MAIL/PRINT ROOM FLUORESCENT LIGHTING	730	2009	4	EA	20	17	3	$250.00	$ 1,000	$ 1,154
SB	300	ES035	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS	730	1969	5	EA	20	57	-37	$5,000.00	$ 25,000	$ 28,851

SCHOOLCRAFT COLLEGE; SERVICE BUILDING - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
SB	300	ES036	REPLACE HIGH BAY WAREHOUISE FLUORESCENT LIGHTING	730	*2009*	16	EA	20	17	3	$250.00	$ 4,000	$ 4,616
SB	400	ES037	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MTD IN CORRIDOR WALLS	660	1969	2	EA	20	57	-37	$5,000.00	$ 10,000	$ 11,541
SB	400	ES038	ADD VACANCY SENSORS	660	2011	1	EA	20	15	5	$250.00	$ 250	$ 289
SB	401	ES039	REPLACE BOOKSTORE LOBBY FLUORESCENT LIGHTING	W06	2011	6	EA	20	15	5	$250.00	$ 1,500	$ 1,731
SB	430	ES040	REPLACE BREAK ROOM FLUOR LIGHTING	665	1969	8	EA	20	57	-37	$250.00	$ 2,000	$ 2,308
SB	430	ES041	ADD VACANCY SENSORS	665	1969	1	EA	20	57	-37	$250.00	$ 250	$ 289
SB	440	ES042	REPLACE OFFICE FLUORESCENT LIGHTING	310	1996	6	EA	20	30	-10	$250.00	$ 1,500	$ 1,731
SB	440	ES043	ADD VACANCY SENSORS	310	1996	1	EA	20	30	-10	$250.00	$ 250	$ 289
SB	450	ES044	ADD VACANCY SENSORS	310	1996	1	EA	20	30	-10	$250.00	$ 250	$ 289
SB	460	ES045	REPLACE STORAGE ROOM LIGHTING	310	*2011*	6	EA	20	15	5	$250.00	$ 1,500	$ 1,731
SB	460	ES046	ADD VACANCY SENSORS	310	*2011*	1	EA	20	15	5	$250.00	$ 250	$ 289
SB	490	ES047	ADD VACANCY SENSORS	350	2014	1	EA	20	12	8	$250.00	$ 250	$ 289
SB	490	ES048	REPLACE CONF. ROOM FLUOR LIGHTING	350	2014	6	EA	20	12	8	$250.00	$ 1,500	$ 1,731
SB	500	ES049	REPLACE VESTIBULE LIGHTING	W06	1969	1	EA	20	57	-37	$250.00	$ 250	$ 289
SB	508	ES051	REPLACE FLUOR LIGHTING	310	2002	3	EA	20	24	-4	$250.00	$ 750	$ 866
SB	509	ES052	REPLACE FLUOR LIGHTING	310	2002	3	EA	20	24	-4	$250.00	$ 750	$ 866
SB	510	ES053, ES053A	REPLACE FLUOR LIGHTING	310	*2004*	22	EA	20	22	-2	$250.00	$ 5,500	$ 6,347
SB	512	ES054	REPLACE FLUOR LIGHTING	310	*2004*	3	EA	20	22	-2	$250.00	$ 750	$ 866
SB	514	ES055	REPLACE FLUOR LIGHTING	310	*2004*	3	EA	20	22	-2	$250.00	$ 750	$ 866
SB	515	ES056	REPLACE FLUOR LIGHTING	310	*2004*	3	EA	20	22	-2	$250.00	$ 750	$ 866
SB	516	ES057	REPLACE FLUOR LIGHTING	310	*2004*	6	EA	20	22	-2	$250.00	$ 1,500	$ 1,731
SB	523	ES058	REPLACE BREAK ROOM FLUOR LIGHTING	315	*2004*	4	EA	20	22	-2	$250.00	$ 1,000	$ 1,154
SB	EXTERIOR-DOCK	ES059	REPLACE EXTERIOR UNDER CANOPY HID LIGHTING	750	2006	8	EA	20	20	0	$250.00	$ 2,000	$ 2,308
SB	EXTERIOR-VEHICLE STORAGE	ES060	REPLACE EXTERIOR GARAGE HID LIGHTING	740	1969	3	EA	20	57	-37	$250.00	$ 750	$ 866
SB	EXTERIOR	ES061	SERVICE TRANSFORMER REPLACEMENT	UUU04	2009	1	EA	20	17	3	$15,000.00	$ 15,000	$ 17,311
SB	EXTERIOR	ES062	STANDBY GENERATOR REPLACEMENT	UUU04	2009	1	EA	20	17	3	$15,000.00	$ 15,000	$ 17,311
SB	EXTERIOR-ALL ELEVATIONS	ES063, ES063A, ES063B	REPLACE EXTERIOR BUILDING LIGHTING	UUU10	*1969*	19	EA	20	57	-37	$250.00	$ 4,750	$ 5,482
SB	EXTERIOR	ES064, ES064A	OUTDOOR, GROUND MOUNTED FUEL TANK. REPAIR CONDUIT AND PROTECT EXPOSED GROUND WIRE AND GROUND ROD.	UUU08	1969	1	LS	20	57	-37	$5,000.00	$ 5,000	$ 5,770
SB	EXTERIOR ROOF	ES065	REPLACE DISCONNECT SWITCH ON ROOF EXHAUST FAN	UUU04	1969	1	EA	20	57	-37	$500.00	$ 500	$ 577
SB	EXTERIOR ROOF	ES066	REPLACE RUSTED CONDUIT WITH RGS CONDUIT 24" ABOVE ROOF AND MAKE PHOTOCELL OPERATIONAL	UUU10	*2004*	1	EA	20	22	-2	$2,500.00	$ 2,500	$ 2,885
SB	INTERIOR-ALL CORRIDORS	ES067	REPLACE EXIT LIGHTING	UUU25	*2004*	29	EA	20	22	-2	$250.00	$ 7,250	$ 8,367
			BUILDING SYSTEMS (Fire, security, IT/media infrastructure. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 118,291
SB	60	BS001	BOILER ROOM EPO SYSTEM	Y04	2009	1	EA	20	17	3	$7,500.00	$ 7,500	$ 8,655
SB	80	BS003	IT SYSTEMS	Y04	*2011*	1	EA	20	15	5	$15,000.00	$ 15,000	$ 17,311
SB	95	BS004	IT SYSTEMS	Y04	*2011*	1	EA	20	15	5	$15,000.00	$ 15,000	$ 17,311
SB	INTERIOR-BUILDING WIDE	BS007	PRIMAX CLOCK SYSTEM	UUU25	1963	1	EA	20	63	-43	$65,000.00	$ 65,000	$ 75,014
			SPECIALTY EQUIPMENT (Food service, theatre, labs, shops. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
SB										0	$0.00	$ -	$ -
			ACCESSIBILITY IMPROVEMENTS (Building codes & ADA standards for accessible design. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
SB										0	$0.00	$ -	$ -
												ANNUAL FUNDING REQUIREMENTS (ROUNDED):	$ 1,206,824

SCHOOLCRAFT COLLEGE; SPORTS DOME - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

SCHEDULED MAINTENANCE PROGRAM - CURRENT YEAR:	2026

BUILDING SECTION (BUILDING TYPE)	BUILDING AGE (YRS)	BUILDING AREA (GSF)
SPORTS DOME	2016	114,958

MAINTENANCE BACKLOG VALUE FOR BUILDING:	$ 303,703	- YEAR: 2027
REPLACEMENT VALUE FOR THE BUILDING:	$ 10,000,000	
FACILITY CONDITION INDEX (FCI):	3%	

PV OF TOTAL ANNUAL RESERVES:	$ 290,625	- YEAR: 2027

FCI	BUILDING CONDITION
FCI < 10%	GOOD
10%< FCI< 30%	FAIR
30% < FCI	POOR (NEEDS ATTENTION)
ABOVE 60%	CONSIDER REPLACEMENT

SOURCE: OpenGov

INFLATION RATE (%):	YEAR
2.4%	2024
3.7%	2025
4.0%	2026
4.5%	2027
4.0%	2028
4.0%	2029
4.0%	2030
4.0%	2031
4.0%	2032
4.0%	2033

ITEM NO. CODES
AI: ACCESSIBILITY IMPROVEMENT
BE: BUILDING EXTERIOR
BI: BUILDING INTERIOR
BS: BUILDING SYSTEM
ES: ELECTRICAL SYSTEM
MS: MECHANICAL SYSTEM
PS: PLUMBING SYSTEM
SG: SITE GROUNDS
SE: SPECIALTY EQUIPMENT

LEGEND
AVG: AVERAGE
CF: CUBIC FEET
CY: CUBIC YARDS
EA: EACH
EUL: ESTIMATED USEFUL LIFE
GSF: GROSS SQUARE FEET
LOC: LOCATION (SITE/BLDG)
PV: PRESENT VALUE
RUL: ESTIMATED USEFUL LIFE
SF: SQUARE FEET
SY: SQUARE YARDS
YRS: YEARS

REMAINING USEFUL LIFE (RUL) BAROMETER
- RUL = 1 YEAR OR LESS
- RUL = 2 YEARS TO 9 YEARS
- RUL = 10 YEARS OR GREATER

(11 YEARS OR GREATER NOT FACTORED INTO FCI)

ITEM NO.
Picture(s) associated with blue & underlined item no.

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			BUILDING ENVELOPE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
SD										0	$0.00	$ -	$ -
			BUILDING INTERIOR (DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
SD													
			PLUMBING SYSTEMS (May be packaged with BI item scope, DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
SD										0	$0.00	$ -	$ -
			MECHANICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 82,123
SD	20	MS001	AIR HANDLER MAINTENANCE / UPKEEP	Y04	2016	1	EA	20	10	10	$5,000.00	$ 5,000	$ 5,770
SD	20	MS002	JCI UPDATE SOFTWARE - AS REQUIRED	UUU06	2016	1	EA	20	10	10	$50,000.00	$ 50,000	$ 57,703
SD	25A / 25B	MS003	AIR HANDLERS FOR THE SPORTS DOME	Y04	2016	2	EA	20	10	10	$7,500.00	$ 15,000	$ 17,311
SD	100	MS004	DUCT CLEANING	MMM16	2016	1,081	SF	5	10	-5	$0.75	$ 811	$ 914
SD	101	MS005	DUCT CLEANING	MMM16	2016	502	SF	5	10	-5	$0.75	$ 377	$ 425
			ELECTRICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 221,579
SD	20	ES001	MAIN SWITCHBOARD	Y04	2016	1	EA	20	10	10	$25,000.00	$ 25,000	$ 28,851
SD	20	ES002	LIFE SAFETY AUTOMATIC TRANSFER SWITCH (ATS-E)	Y04	2016	1	EA	20	10	10	$10,000.00	$ 10,000	$ 11,541
SD	20	ES003	STANDBY POWER SYSTEMS AUTOMATIC TRANSFER SWITCH (ATS-NE)	Y04	2016	1	EA	20	10	10	$10,000.00	$ 10,000	$ 11,541
SD	20	ES004	ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	2016	4	EA	20	10	10	$25,000.00	$ 100,000	$ 115,406
SD	21	ES005	SERVICE TRANSFORMER	Y04	2016	1	EA	20	10	10	$15,000.00	$ 15,000	$ 17,311
SD	21	ES006	STANDBY GENERATOR	Y04	2016	1	EA	20	10	10	$30,000.00	$ 30,000	$ 34,622
SD	105	ES009	CLEAN EXIT SIGNS (STATIC HAS CAUSED RUBBER PELLETS TO CLING TO THE FACE OF THE SIGN)	610	2016	10	EA	5	10	-5	$200.00	$ 2,000	$ 2,308
			BUILDING SYSTEMS (Fire, security, IT/media infrastructure. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
SD										0	$0.00	$ -	$ -
			SPECIALTY EQUIPMENT (Food service, theatre, labs, shops. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
SD										0	$0.00	$ -	$ -
			ACCESSIBILITY IMPROVEMENTS (Building codes & ADA standards for accessible design. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
SD										0	$0.00	$ -	$ -
												ANNUAL FUNDING REQUIREMENTS (ROUNDED):	$ 303,703

SCHOOLCRAFT COLLEGE; VISTATECH-WATERMAN - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

SCHEDULED MAINTENANCE PROGRAM - CURRENT YEAR:	2026

BUILDING SECTION (BUILDING TYPE)	BUILDING AGE (YRS)	BUILDING AREA (GSF)
VISTATECH CENTER / WATERMAN WING - TOTAL (MULTI USE)		148,223
WATERMAN - ORIGINAL	1965	35,870
WATERMAN - EXPANSION	1981	7,948
VISTATECH CENTER - ORIGINAL	2002	87,181
VISTATECH CENTER - EXPANSION	2025	10,781
VISTATECH CENTER - MEZZANINE MECHANICAL ROOM	2002	14,060
MAINTENANCE BACKLOG VALUE FOR BUILDING:		$ 8,734,478 - YEAR: 2027
REPLACEMENT VALUE FOR THE BUILDING:		$ 58,630,000
FACILITY CONDITION INDEX (FCI):		15%

PV OF TOTAL ANNUAL RESERVES:	$ 8,358,352 - YEAR: 2027

FCI	BUILDING CONDITION
FCI < 10%	GOOD
10%< FCI< 30%	FAIR
30% < FCI	POOR (NEEDS ATTENTION)
ABOVE 60%	CONSIDER REPLACEMENT

SOURCE: OpenGov

INFLATION RATE (%):	YEAR
2.4%	2024
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4.0%	2033

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			BUILDING ENVELOPE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 6,306,014
VT	EXTERIOR-ALL ELEVATIONS	BE001, BE001A	RESET ALL GASKETS IN METAL PANEL SYSTEM	MMM16	2002	1,200	LF	25	24	1	$75.00	$ 90,000	$ 103,865
VT	EXTERIOR-ALL ELEVATIONS	BE004	RESET ALL LOOSE JOINTS IN PRECAST STONE SILLS WITH CAULK AND BACKER-ROD	MMM16	2002	160	EA	25	24	1	$75.00	$ 12,000	$ 13,849
VT	EXTERIOR-EAST ELEVATION	BE005	CONCRETE STEPS ARE CRACKED AND NEED REPAIR	SSS08	2002	200	EA	30	24	6	$75.00	$ 15,000	$ 17,311
VT	EXTERIOR-EAST ELEVATION	BE009, BE009A	APPLIED AGG FINISH IS DAMAGED AND DELAMINATING AT RAMP	SSS13	2011	200	SF	15	15	0	$15.00	$ 3,000	$ 3,462
VT	EXTERIOR-SOUTH ELEVATION	BE011, BE011A	REPAIR BF RAMP FOR RAIL POSTS, CONC SPALLING. RE-SEAL POSTS, AND CAULK PERIMETER.	SSS13	1974	500	SF	50	52	-2	$75.00	$ 37,500	$ 43,277
VT	EXTERIOR-SOUTH ELEVATION	BE012	CUT OUT CRACKED WALK AREAS AT RAMP AND PROVIDE NEW 5FT WIDE SLAB WITH EXP JOINTS AND SEALANT	SSS13	1974	20	LF	50	52	-2	$75.00	$ 1,500	$ 1,731
VT	EXTERIOR-SOUTH ELEVATION	BE013	LAMINATED ROOF BEAMS NEED TO BE REFINISHED AND PROTECTED WHERE EXPOSED TO EXTERIOR	MMM16	1965	10	EA	60	61	-1	$1,500.00	$ 15,000	$ 17,311
VT	EXTERIOR-ROOF	BE018	VISTATECH SINGLE-PLY MEMBRANE REROOFING	MMM16	2002	75,345	SF	25	24	1	$50.00	$ 3,767,250	$ 4,347,632
VT	EXTERIOR-ROOF	BE022	CLEAN ALL METAL PANELS FREE OF DIRT AND GRIM	MMM16	2002	5,000	SF	25	24	1	$3.00	$ 15,000	$ 17,311
W	EXTERIOR-ROOF	BE024	WATERMAN WING (ORIGINAL) HIGH BAY REROOF	MMM16	1996	131,000	SF	25	30	-5	$50.00	$ 6,550,000	$ 472,242
W	EXTERIOR-ROOF	BE025	WATERMAN WING (EXPANSION) REROOF	MMM16	1997	131,000	SF	25	29	-4	$50.00	$ 6,550,000	$ 1,137,326
W	EXTERIOR-ROOF	BE026	WATERMAN FOOD SERVICE DOCK STEEL FASCIA PANEL REPLACEMENT	MMM16	1974	800	SF	25	52	-27	$75.00	$ 60,000	$ 69,244
W	EXTERIOR-ROOF	BE027	WATERMAN ROOF-MOUNTED, STEEL EQUIPMENT SCREEN WALL MAINTENANCE / REPLACEMENT	MMM16	1974	1,700	SF	15	52	-37	$5.00	$ 8,500	$ 9,810
W	EXTERIOR-SOUTH ELEVATION	BE029	CLEAN AND REPAIR METAL PANEL SOFFIT	MMM16	2002	150	SF	30	24	6	$15.00	$ 2,250	$ 2,597
W	EXTERIOR-ROOF	BE031	SCREEN WALL FRAMING NEEDS TO BE REPLACED. PANELS ARE NOT ALIGNED.	MMM16	1981	1,700	SF	25	45	-20	$25.00	$ 42,500	$ 49,048
			BUILDING INTERIOR (DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 410,596
VT	45	BI001	REPLACE STAINED AND DAMAGED ACOUSTICAL CEILING PANELS	685	2002	24	SF	25	24	1	$7.00	$ 168	$ 194
VT	46	BI002	REPLACE STAINED AND DAMAGED ACOUSTICAL CEILING PANELS	635	2002	24	SF	25	24	1	$4.00	$ 96	$ 111
VT	65	BI009	PENTHOUSE METAL PANELS ARE NOT WEATHER TIGHT AND ALLOW LIGHT AND WATER TO PENETRATE	Y04	2002	1	LS	25	24	1	$15,000.00	$ 15,000	$ 17,311
VT	550	BI013	VISTATECH PRESENTATION ROOM FLOORING INSTALLATIONS	610	2002	1,200	SF	15	24	-9	$7.00	$ 8,400	$ 9,695
VT	5000	BI016	VISTATECH ACOUSTICAL TREATMENTS REPAIR / REPLACEMENT ALONG MAIN STREET	W05	2002	800	SF	20	24	-4	$150.00	$ 120,000	$ 138,487
VT	5002	BI017	VISTATECH ACOUSTICAL TREATMENTS REPAIR / REPLACEMENT ALONG MAIN STREET	W06	2002	800	SF	20	24	-4	$150.00	$ 120,000	$ 138,487
W	19A	BI020, BI020A	REPLACE FLOORING THAT WAS VCT AND TILE	780	1965	400	SF	15	61	-46	$7.00	$ 2,800	$ 3,231

SCHOOLCRAFT COLLEGE; VISTATECH-WATERMAN - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
W	100	BI024	REPLACEMENT OF LOWER WATERMAN STEEL STAIRWELL DOORS	W07	1965	2	EA	50	61	-11	$2,500.00	$ 5,000	$ 5,770
W	120	BI025, BI025A	REPLACE VCT FLOORING	675	1965	300	SF	15	61	-46	$7.00	$ 2,100	$ 2,424
W	120	BI026	REPLACE STAINED AND DAMAGED ACOUSTICAL CEILING PANELS	675	1965	300	SF	15	61	-46	$7.00	$ 2,100	$ 2,424
W	121	BI027	REPAIR HOLE IN WALL	675	1965	6	SF	0	61	-61	$10.00	$ 60	$ 69
W	121	BI028	REPAIR HOLE IN CEILING	675	1965	6	SF	0	61	-61	$10.00	$ 60	$ 69
W	153	BI029	UPGRADE CABINETS FROM 1965	675	1965	10	LF	30	61	-31	$500.00	$ 5,000	$ 5,770
W	169	BI030	UPGRADE PARTITION WALLS AND DOOR	675	1965	30	LF	20	61	-41	$2,500.00	$ 75,000	$ 86,554
			PLUMBING SYSTEMS (May be packaged with BI item scope, DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 40,306
VT	53	PS001	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	25	EA	40	24	16	$3,494.00	$ 87,350	$ -
VT	54	PS002	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	22	EA	40	24	16	$3,495.00	$ 76,890	$ -
VT	60	PS005	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	2	EA	40	24	16	$3,498.00	$ 6,996	$ -
VT	61	PS006	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	2	EA	40	24	16	$3,499.00	$ 6,998	$ -
VT	62	PS007	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	2	EA	40	24	16	$3,500.00	$ 7,000	$ -
W	10	PS008	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	8	EA	40	24	16	$3,488.00	$ 27,904	$ -
W	17	PS009	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	8	EA	40	24	16	$3,489.00	$ 27,912	$ -
W	20	PS010	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	9	EA	40	24	16	$3,490.00	$ 31,410	$ -
W	21	PS011	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	9	EA	40	24	16	$3,491.00	$ 31,419	$ -
W	30	PS012	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	1981	5	EA	40	45	-5	$3,492.00	$ 17,460	$ 20,150
W	31	PS013	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	1981	5	EA	40	45	-5	$3,493.00	$ 17,465	$ 20,156
			MECHANICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 1,032,884
VT	65	MS001	VT INLINE BOILER PUMPS	Y04	2002	7	EA	15	24	-9	$30,000.00	$ 210,000	$ 242,353
VT	65	MS002	VT BOILER REPLACEMENTS	Y04	2002	7	EA	15	24	-9	$50,000.00	$ 350,000	$ 403,921
VT	65	MS003	VT HEATING HOT WATER PUMP REPLACEMENTS	Y04	2002	3	EA	20	24	-4	$30,000.00	$ 90,000	$ 103,865
VT	40	MS004	REPLACE HEATING HOT WATER SHOT FEEDER	W05	2002	1	EA	15	24	-9	$15,000.00	$ 15,000	$ 17,311
W	15	MS007	WATERMAN BOILERS	Y04	2002	2	EA	20	24	-4	$65,000.00	$ 130,000	$ 150,028
W	25	MS009	WATERMAN AIR HANDLING UNIT REPLACEMENTS	Y04	1965	2	EA	40	61	-21	$50,000.00	$ 100,000	$ 115,406
			ELECTRICAL SYSTEMS (May be packaged with BI item scope. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 505,594
VT	42	ES001	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	Y04	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
VT	44	ES002	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	Y04	2002	1	EA	20	24	-4	$250.00	$ 250	$ 289
VT	50	ES003	REPLACE FLUORESCENT LIGHTING & ADD OCCUPANCY SENSORS	615	2002	3	EA	20	24	-4	$250.00	$ 750	$ 866
VT	51	ES004	REPLACE FLUORESCENT LIGHTING & ADD OCCUPANCY SENSORS	Y04	2002	7	EA	20	24	-4	$250.00	$ 1,750	$ 2,020
VT	51A	ES005	REPLACE HID AREA LIGHTING	Y04	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
VT	52	ES006	REPLACE FLUORESCENT LIGHTING & ADD OCCUPANCY SENSORS	Y04	2002	10	EA	20	24	-4	$250.00	$ 2,500	$ 2,885
VT	53	ES007	REPLACE FLUORESCENT LIGHTING & ADD OCCUPANCY SENSORS	X03	2002	15	EA	20	24	-4	$250.00	$ 3,750	$ 4,328
VT	54	ES008	REPLACE FLUORESCENT LIGHTING & ADD OCCUPANCY SENSORS	X03	2002	12	EA	20	24	-4	$250.00	$ 3,000	$ 3,462
VT	55	ES009	REPLACE FLUORESCENT LIGHTING & ADD OCCUPANCY SENSORS	Y04	2002	4	EA	20	24	-4	$250.00	$ 1,000	$ 1,154
VT	56	ES010	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	X01	2002	1	EA	20	24	-4	$250.00	$ 250	$ 289
VT	406	ES022	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	315	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
VT	408	ES023	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	680	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
VT	410	ES024	REPLACE FLUORESCENT LIGHTING AND ADD OCCUPANCY SENSORS	215	2002	4	EA	20	24	-4	$250.00	$ 1,000	$ 1,154
VT	415	ES025	REPLACE FLUORESCENT LIGHTING AND ADD OCCUPANCY SENSORS	310	2002	4	EA	20	24	-4	$250.00	$ 1,000	$ 1,154
VT	415A	ES026	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	315	2002	1	EA	20	24	-4	$250.00	$ 250	$ 289

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VT	425	ES027	REPLACE FLUORESCENT LIGHTING AND ADD OCCUPANCY SENSORS	680	2002	4	EA	20	24	-4	$250.00	$ 1,000	$ 1,154
VT	425A	ES028	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	685	2002	1	EA	20	24	-4	$250.00	$ 250	$ 289
VT	425B	ES029	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	685	2002	1	EA	20	24	-4	$250.00	$ 250	$ 289
VT	425C	ES030	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	685	2002	1	EA	20	24	-4	$250.00	$ 250	$ 289
VT	434	ES031	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	310	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
VT	435A	ES032	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	685	2002	1	EA	20	24	-4	$250.00	$ 250	$ 289
VT	435B	ES033	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	685	2002	1	EA	20	24	-4	$250.00	$ 250	$ 289
VT	440	ES034	REPLACE FLUORESCENT LIGHTING AND OCCUPANCY SENSORS	680	2002	4	EA	20	24	-4	$250.00	$ 1,000	$ 1,154
VT	440A	ES035	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	685	2002	1	EA	20	24	-4	$250.00	$ 250	$ 289
VT	444	ES036	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	310	2002	1	EA	20	24	-4	$250.00	$ 250	$ 289
VT	445	ES037	REPLACE FLUORESCENT LIGHTING AND OCCUPANCY SENSORS	110	2002	4	EA	20	24	-4	$250.00	$ 1,000	$ 1,154
VT	446	ES038	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	680	2002	1	EA	20	24	-4	$250.00	$ 250	$ 289
VT	450	ES039	REPLACE FLUORESCENT LIGHTING AND OCCUPANCY SENSORS	680	2002	4	EA	20	24	-4	$250.00	$ 1,000	$ 1,154
VT	450A	ES040	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	685	2002	1	EA	20	24	-4	$250.00	$ 250	$ 289
VT	501	ES045	REPLACE FLUORESCENT LIGHTING & ADD OCCUPANCY SENSORS	615	2002	4	EA	20	24	-4	$250.00	$ 1,000	$ 1,154
VT	550	ES046	REPLACE INCANDESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	610	2002	52	EA	20	24	-4	$250.00	$ 13,000	$ 15,003
VT	551	ES047	REPLACE FLUORESCENT LIGHTING & ADD OCCUPANCY SENSORS	615	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
VT	5000	ES048	REPLACE FLUORESCENT AND HID LIGHTING AND OCCUPANCY SENSROS\DAYLIGHT HARVETSTING	W05	2002	54	EA	20	24	-4	$250.00	$ 13,500	$ 15,580
VT	5001	ES049	REPLACE FLUORESCENT AND HID LIGHTING AND OCCUPANCY SENSROS\DAYLIGHT HARVETSTING	W06	2002	18	EA	20	24	-4	$250.00	$ 4,500	$ 5,193
VT	5002	ES050	REPLACE FLUORESCENT AND HID LIGHTING AND OCCUPANCY SENSROS\DAYLIGHT HARVESTING	W06	2002	28	EA	20	24	-4	$250.00	$ 7,000	$ 8,078
VT	VT-ST1	ES051	REPLACE FLUORESCENT LIGHTING	W07	2002	4	EA	20	24	-4	$250.00	$ 1,000	$ 1,154
VT	VT-ST2	ES052	REPLACE FLUORESCENT LIGHTING	W07	2002	4	EA	20	24	-4	$250.00	$ 1,000	$ 1,154
VT	VT-VEST-E1	ES053	REPLACE VESTIBULE LIGHTING AND ADD OCCUPANCY SENSORS	W06	2002	6	EA	20	24	-4	$250.00	$ 1,500	$ 1,731
VT	VT-VEST-E2	ES054	REPLACE INTERIOR VESTIBULE LIGHTING AND ADD OCCUPANCY SENSORS	W06	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
VT	VT-VEST-N	ES056	VT MAIN STREET INTERIOR VESTIBULE LIGHTING	W06	2002	6	EA	20	24	-4	$250.00	$ 1,500	$ 1,731
VT	EXTERIOR-PATIO	ES057	VT ICE CARVING DECK LIGHTING	SSS18	2002	7	EA	20	24	-4	$250.00	$ 1,750	$ 2,020
W	10	ES058	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	X03	2002	6	EA	20	24	-4	$250.00	$ 1,500	$ 1,731
W	12	ES059	REPLACE FLUORESCENT LIGHTING	780	1965	2	EA	20	61	-41	$250.00	$ 500	$ 577
W	15	ES060	REPLACE FLUORESCENT LIGHTING	Y04	*1965*	5	EA	20	61	-41	$250.00	$ 1,250	$ 1,443
W	15	ES061	REPLACE ELECTRICAL INFRASTRUCTURE (MDP-1, 2, LP-X, CP-1, CP-2, ETC)	Y04	1965	6	EA	20	61	-41	$25,000.00	$ 150,000	$ 173,109
W	15A	ES062	REPLACE ELECTRICAL INFRASTRUCTURE DP-CM, T-CM, ETC)	X01	1965	2	EA	20	61	-41	$5,000.00	$ 10,000	$ 11,541
W	15A	ES063	REPLACE INCANDESCENT LIGHTING	X01	1965	2	EA	20	61	-41	$250.00	$ 500	$ 577
W	16	ES064	REPLACE ELECTRICAL INFRASTRUCTURE (CL-5,6)	Y04	1965	2	EA	20	61	-41	$5,000.00	$ 10,000	$ 11,541
W	16	ES065	REPLACE BROKEN LIGHTING	Y04	1965	2	EA	20	61	-41	$250.00	$ 500	$ 577

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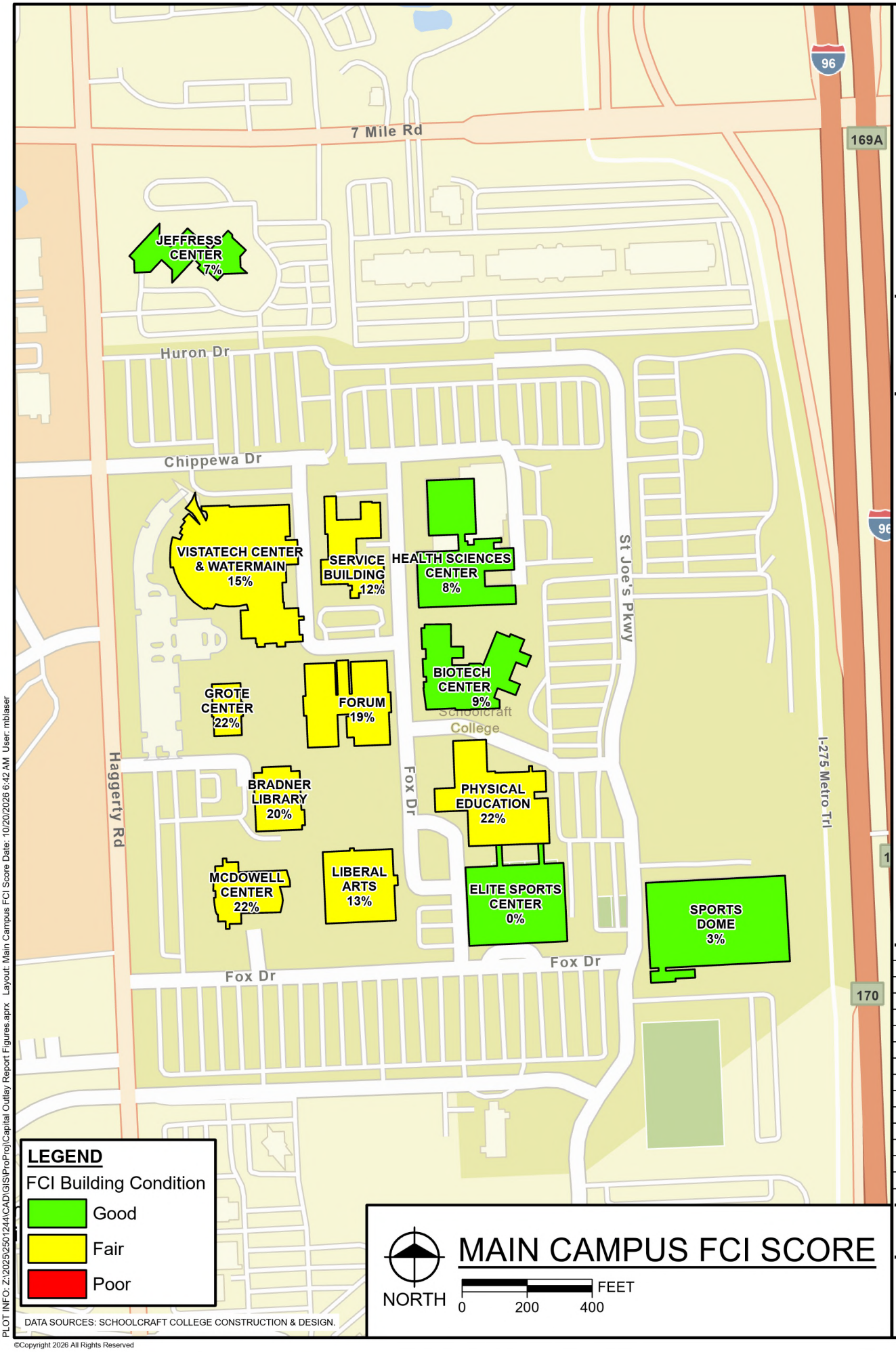
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W	17	ES066	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	X03	2002	6	EA	20	24	-4	$250.00	$ 1,500	$ 1,731
W	19A	ES067	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	780	1965	6	EA	20	61	-41	$250.00	$ 1,500	$ 1,731
W	19B	ES068	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	780	1965	1	EA	20	61	-41	$250.00	$ 250	$ 289
W	20	ES069	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	X03	2002	4	EA	20	24	-4	$250.00	$ 1,000	$ 1,154
W	21	ES070	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	X03	2002	4	EA	20	24	-4	$250.00	$ 1,000	$ 1,154
W	22	ES071	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	X01	2002	1	EA	20	24	-4	$250.00	$ 250	$ 289
W	23	ES072	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	780	2002	4	EA	20	24	-4	$250.00	$ 1,000	$ 1,154
W	23A	ES073	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	Y03	2002	6	EA	20	24	-4	$250.00	$ 1,500	$ 1,731
W	24	ES074	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	780	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
W	25	ES075	REPLACE ELECTRICAL INFRASTRUCTURE (CM-2,CM-3,ETC)	Y04	1965	3	EA	20	61	-41	$5,000.00	$ 15,000	$ 17,311
W	30	ES076	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	X03	1981	2	EA	20	45	-25	$250.00	$ 500	$ 577
W	31	ES077	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	X03	1981	2	EA	20	45	-25	$250.00	$ 500	$ 577
W	32	ES078	REPLACE ELECTRICAL INFRASTRUCTURE; RP-D	Y04	1981	1	EA	20	45	-25	$5,000.00	$ 5,000	$ 5,770
W	33	ES079	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
W	34	ES080	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	X01	2002	1	EA	20	24	-4	$350.00	$ 350	$ 404
W	36	ES081	REPLACE DP-2	Y04	1981	1	EA	20	45	-25	$5,000.00	$ 5,000	$ 5,770
W	36	ES082	REPLACE FLUORESCENT LIGHTING	Y04	1981	2	EA	20	45	-25	$250.00	$ 500	$ 577
W	36	ES083	REPLACE ELECTRICAL INFRASTRUCTURE (CH-2, CL-3, ETC.)	670	2012	2	EA	20	14	6	$250.00	$ 500	$ 577
W	37	ES084	REPLACE FLUORESCENT LIGHTING	Y04	1981	2	EA	20	45	-25	$5,000.00	$ 10,000	$ 11,541
W	100	ES085	REPLACE ELECTRICAL INFRASTRUCTURE (CH-2, CL-3, ETC.)	670	2012	2	EA	20	14	6	$25,000.00	$ 50,000	$ 57,703
W	100	ES086	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	670	2012	61	EA	20	14	6	$250.00	$ 15,250	$ 17,599
W	100A	ES087	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	670	2010	9	EA	20	16	4	$250.00	$ 2,250	$ 2,597
W	100B	ES088	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	670	2010	9	EA	20	16	4	$250.00	$ 2,250	$ 2,597
W	101	ES089	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	670	2010	9	EA	20	16	4	$250.00	$ 2,250	$ 2,597
W	101	ES090	REPLACE CL-7	670	2010	1	EA	20	16	4	$5,000.00	$ 5,000	$ 5,770
W	120	ES091	REPLACE BROKEN LIGHTING AND ADD OCCUPANCY SENSORS	675	1965	3	EA	20	61	-41	$250.00	$ 750	$ 866
W	121	ES092	REPLACE BROKEN LIGHTING AND ADD OCCUPANCY SENSORS	675	1965	1	EA	20	61	-41	$250.00	$ 250	$ 289
W	139	ES093	REPLACE BROKEN LIGHTING AND ADD OCCUPANCY SENSORS	675	1965	3	EA	20	61	-41	$250.00	$ 750	$ 866
W	139A	ES094	REPLACE BROKEN LIGHTING AND ADD OCCUPANCY SENSORS	675	1965	2	EA	20	61	-41	$250.00	$ 500	$ 577
W	140	ES095	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	780	1965	2	EA	20	61	-41	$250.00	$ 500	$ 577
W	150	ES096	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	2	EA	20	61	-41	$250.00	$ 500	$ 577
W	151	ES097	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	2	EA	20	61	-41	$250.00	$ 500	$ 577

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W	152	ES098	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	2	EA	20	61	-41	$250.00	$ 500	$ 577
W	153	ES099	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	3	EA	20	61	-41	$250.00	$ 750	$ 866
W	155	ES100	REPLACE INCANDESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	2	EA	20	61	-41	$250.00	$ 500	$ 577
W	156	ES101	REPLACE INCANDESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	2	EA	20	61	-41	$250.00	$ 500	$ 577
W	157	ES102	REPLACE INCANDESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	2	EA	20	61	-41	$250.00	$ 500	$ 577
W	161	ES103	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	6	EA	20	61	-41	$250.00	$ 1,500	$ 1,731
W	162	ES104	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	6	EA	20	61	-41	$250.00	$ 1,500	$ 1,731
W	163	ES105	REPLACE INCANDESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	1	EA	20	61	-41	$250.00	$ 250	$ 289
W	164	ES106	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	3	EA	20	61	-41	$250.00	$ 750	$ 866
W	165	ES107	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	2	EA	20	61	-41	$250.00	$ 500	$ 577
W	166	ES108	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	4	EA	20	61	-41	$250.00	$ 1,000	$ 1,154
W	169	ES109	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	9	EA	20	61	-41	$250.00	$ 2,250	$ 2,597
W	205	ES111	REPLACE INCANDESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	680	2002	18	EA	20	24	-4	$250.00	$ 4,500	$ 5,193
W	300	ES115	REPLACE PANEL LP-A	635	1981	1	EA	20	45	-25	$250.00	$ 250	$ 289
W	300	ES116	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	1981	46	EA	20	45	-25	$250.00	$ 11,500	$ 13,272
W	COOLER-300A	ES117	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	1981	3	EA	20	45	-25	$250.00	$ 750	$ 866
W	FREEZER-300B	ES118	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	1981	5	EA	20	45	-25	$250.00	$ 1,250	$ 1,443
W	301	ES119	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	310	1981	2	EA	20	45	-25	$250.00	$ 500	$ 577
W	302	ES120	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	310	1981	2	EA	20	45	-25	$250.00	$ 500	$ 577
W	303	ES121	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	310	1981	2	EA	20	45	-25	$250.00	$ 500	$ 577
W	304	ES122	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	310	1981	2	EA	20	45	-25	$250.00	$ 500	$ 577
W	305	ES123	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	1981	16	EA	20	45	-25	$250.00	$ 4,000	$ 4,616
W	306	ES124	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	1981	15	EA	20	45	-25	$250.00	$ 3,750	$ 4,328
W	310	ES125	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	1981	6	EA	20	45	-25	$250.00	$ 1,500	$ 1,731
W	315	ES126	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	1981	6	EA	20	45	-25	$250.00	$ 1,500	$ 1,731
W	320	ES127	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	1981	4	EA	20	45	-25	$250.00	$ 1,000	$ 1,154
W	340	ES128	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	630	2002	55	EA	20	24	-4	$250.00	$ 13,750	$ 15,868

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W	345	ES129	ADD SWITCH AT ALTERNATE DOOR, REPLACE FLUORESCENT LIGHTING SYSTEM AND OCCUPANCY SENSORS	635	2002	10	EA	20	24	-4	$250.00	$ 2,500	$ 2,885
W	350	ES130	REPAIR AND\OR REPLACE FLUORESCENT LIGHTING, ADD OCCUPANCY SENSORS	635	2002	6	EA	20	24	-4	$250.00	$ 1,500	$ 1,731
W	355	ES131	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	2002	2	EA	20	24	-4	$250.00	$ 500	$ 577
W	W-VEST-S1LL	ES132	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	W06	2002	10	EA	20	24	-4	$250.00	$ 2,500	$ 2,885
W	W-VEST-S2LL	ES133	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	W06	2002	10	EA	20	24	-4	$250.00	$ 2,500	$ 2,885
			BUILDING SYSTEMS (Fire, security, IT/media infrastructure. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 57,703
VT	15	BS002	MAIN SWITCHBOARD, RECEPTACLE, LIGHTING & ELECTRICAL DISTRIBUTION SYSTEM	Y04	2002	1	EA	20	24	-4	$10,000.00	$ 10,000	$ 11,541
VT	15	BS003	STANDBY GENERATOR AND TRANSFER SWITCHES	Y04	2003	1	EA	20	23	-3	$10,000.00	$ 10,000	$ 11,541
VT	15	BS004	SERVICE TRANFORMER	Y04	2002	1	EA	20	24	-4	$15,000.00	$ 15,000	$ 17,311
VT	65	BS005	VT BOILER EPO SYSTEM	Y04	2002	1	EA	20	24	-4	$7,500.00	$ 7,500	$ 8,655
W	15	BS006	W BOILER EPO SYSTEM	Y04	2002	1	EA	20	24	-4	$7,500.00	$ 7,500	$ 8,655
			SPECIALTY EQUIPMENT (Food service, theatre, labs, shops. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ 381,382
W	1E ELEVATOR NO. 20146	SE001	ELEVATOR MAJOR MAINTENANCE	W02	1981	1	LS	4	45	-41	$330,470.00	$ 330,470	$ 381,382
			ACCESSIBILITY IMPROVEMENTS (Building codes & ADA standards for accessible design. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
VT										0	$0.00	$ -	$ -
											ANNUAL FUNDING REQUIREMENTS (ROUNDED):		$ 8,734,478



MAIN CAMPUS FCI SCORE

DATA SOURCES: SCHOOLCRAFT COLLEGE CONSTRUCTION & DESIGN.

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Schoolcraft College - Main Campus
Livonia, Michigan

Capital Outlay Report

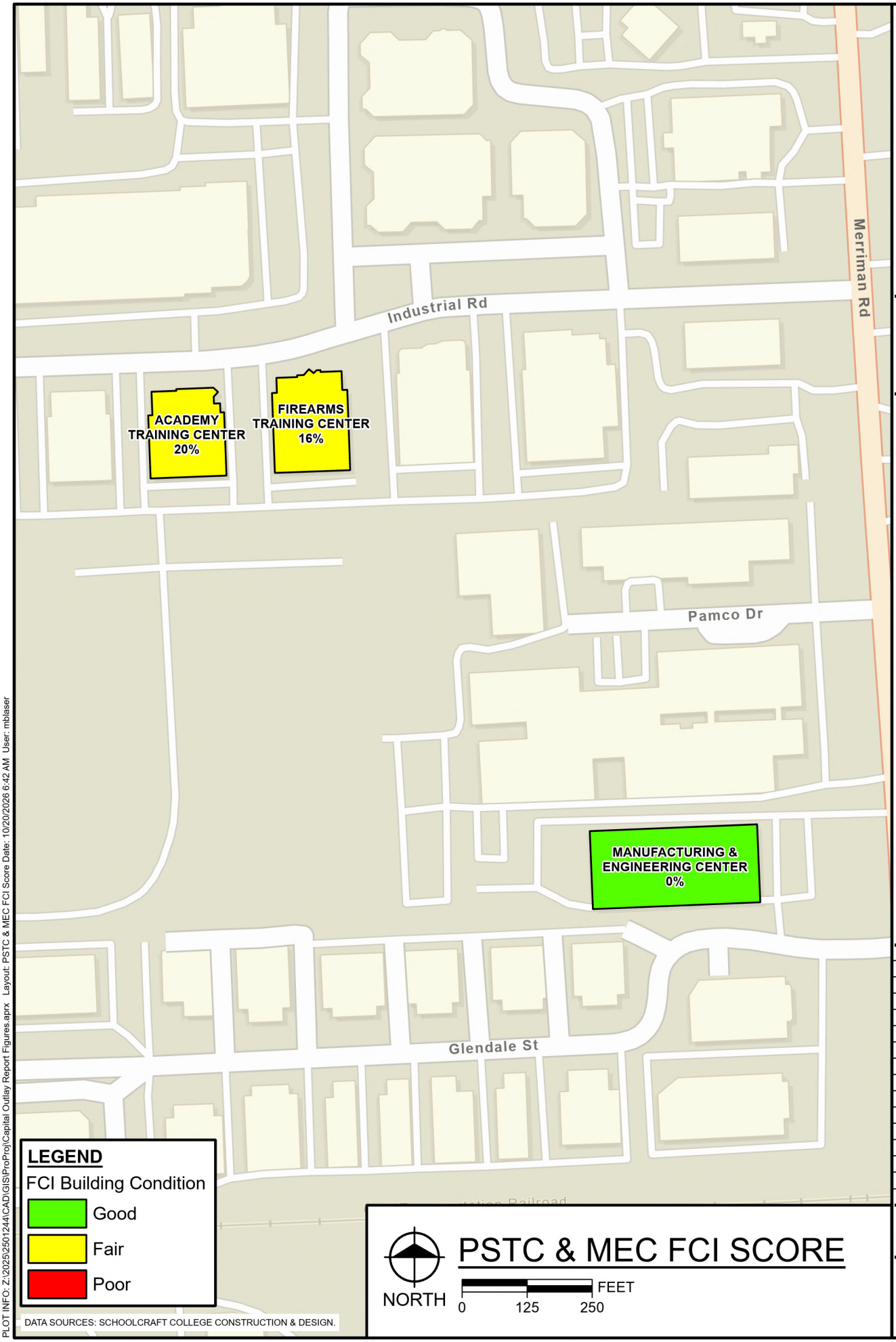
10/20/2026

PROJECT NO.
2501244

FIGURE NO.
1

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DATA SOURCES: SCHOOLCRAFT COLLEGE CONSTRUCTION & DESIGN.

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Schoolcraft College - PSTC & MEC

Livonia, Michigan

Capital Outlay Report

10/20/2026

PROJECT NO.
241132

FIGURE NO.
2

PLOT INFO: Z:\2025\2501244\CAD\GIS\ProjCapital Outlay Report Figures.aprx Layout: PSTC & MEC FCI Score Date: 10/20/2026 6:42 AM User: mblaser

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SCHOOLCRAFT COLLEGE; SITE - SCHEDULED MAINTENANCE PROGRAM
10-YEAR MASTER PLAN (YEARS 2024 - 2033)

SCHEDULED MAINTENANCE PROGRAM - CURRENT YEAR:	2026

BUILDING SECTION (BUILDING TYPE)	BUILDING AGE (YRS)	BUILDING AREA (GSF)
SITE		
SITE - MAIN CAMPUS LIVONIA (MCL)		
SITE - PUBLIC SAFTEY TRAINING COMPLEX (PSTC)		
SITE - FIRE TRAINING SERVICE (FTS)	2011	284
SITE - FIRE TRAINING TOWER (FTT)	2011	4,968

MAINTENANCE BACKLOG VALUE FOR BUILDING:	$ -	- YEAR: 2027
REPLACEMENT VALUE FOR THE BUILDING:	$ -	
FACILITY CONDITION INDEX (FCI):	#DIV/0!	
PV OF TOTAL ANNUAL RESERVES:	$ -	- YEAR: 2027

FCI	BUILDING CONDITION
FCI < 10%	GOOD
10%< FCI< 30%	FAIR
30% < FCI	POOR (NEEDS ATTENTION)
ABOVE 60%	CONSIDER REPLACEMENT

SOURCE: OpenGov

INFLATION RATE (%):	YEAR
2.4%	2024
3.7%	2025
4.0%	2026
4.5%	2027
4.0%	2028
4.0%	2029
4.0%	2030
4.0%	2031
4.0%	2032
4.0%	2033

ITEM NO. CODES
AI: ACCESSIBILITY IMPROVEMENT
BE: BUILDING EXTERIOR
BI: BUILDING INTERIOR
BS: BUILDING SYSTEM
ES: ELECTRICAL SYSTEM
MS: MECHANICAL SYSTEM
PS: PLUMBING SYSTEM
SG: SITE GROUNDS
SE: SPECIALTY EQUIPMENT

LEGEND
AVG: AVERAGE
CF: CUBIC FEET
CY: CUBIC YARDS
EA: EACH
EUL: ESTIMATED USEFUL LIFE
GSF: GROSS SQUARE FEET
LOC: LOCATION (SITE/BLDG)
PV: PRESENT VALUE
RUL: ESTIMATED USEFUL LIFE
SF: SQUARE FEET
SY: SQUARE YARDS
YRS: YEARS

REMAINING USEFUL LIFE (RUL) BAROMETER
- RUL = 1 YEAR OR LESS
- RUL = 2 YEARS to 9 YEARS
- RUL = 10 YEARS OR GREATER

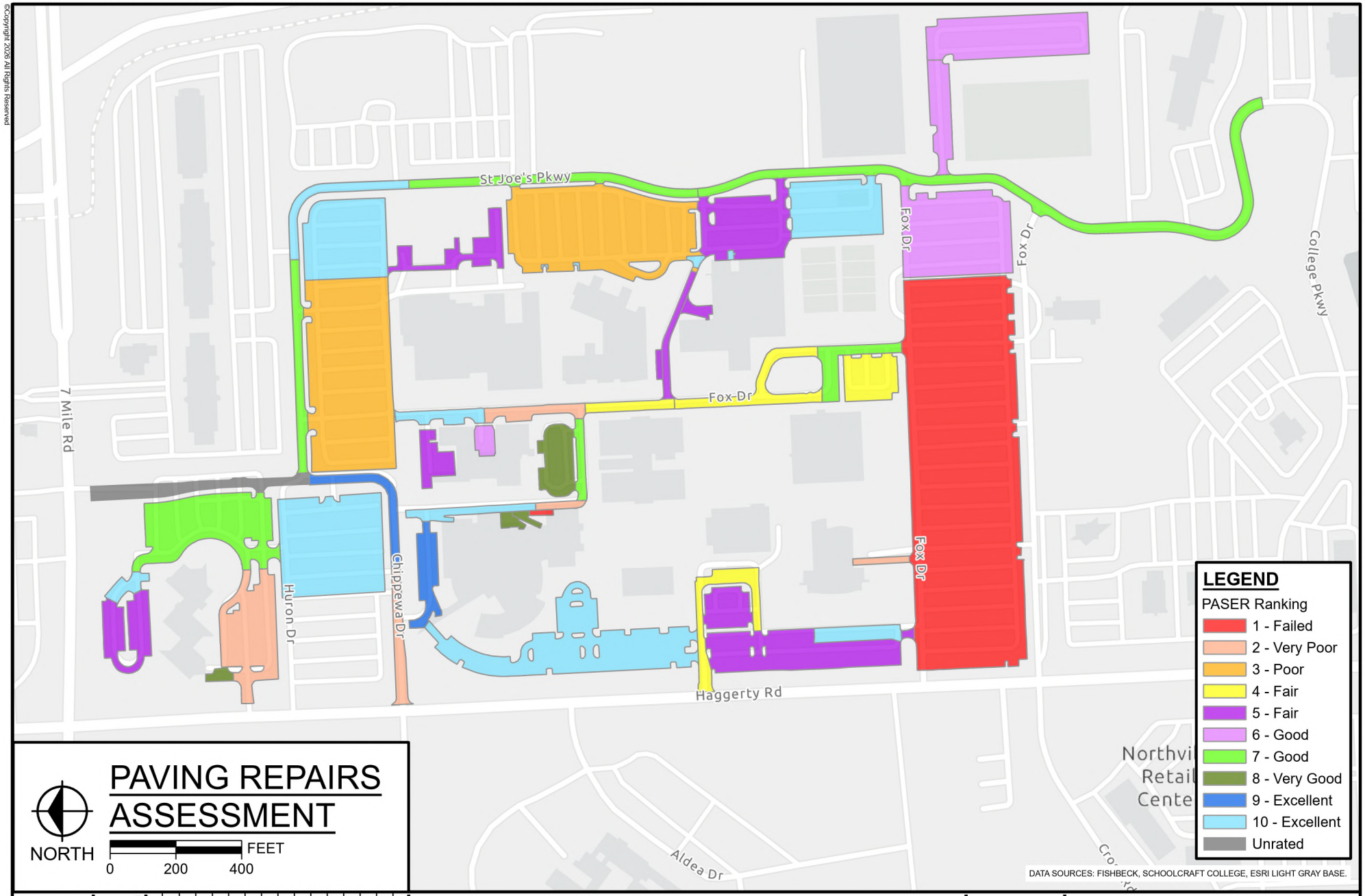
(11 YEARS OR GREATER NOT FACTORED INTO FCI)

ITEM NO.
Picture(s) associated with blue & underlined item no.

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 4 2027
			FIRE TRAINING SERVICE (FTS) SITE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
FTS										0	$0.00	$ -	$ -
			FIRE TRAINING TOWER (FTT) SITE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
FTT										0	$0.00	$ -	$ -
			MAIN CAMPUS LIVONIA (MCL) SITE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
MCL	EXTERIOR-PAVEMENT	MCL001	**REFER TO COMPANION STUDY:** SC PROJECT 23MM01; 2023 ASPHALT PAVING REPAIRS ASSESSMENT	N/A	VARIOUS YEARS OF PAVING, PATCHING, & OTHER REPAIRS	N/A	N/A	N/A			$9,767,523.00		$ -
MCL	EXTERIOR-NORTH LOT	MCL002	WATER MAIN REPAIR	UUU24	*1961*	1	EA	80	65	15	$129,992.50	$ 129,993	$ -
MCL	EXTERIOR-BETWEEN BIOTECHNOLOGY & PE BUILDINGS	MCL004	WATER MAIN REPAIR	UUU24	*1961*	1	EA	80	65	15	$107,013.50	$ 107,014	$ -
			MANUFACTURING & ENGINEERING CENTER (MEC) SITE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
MEC	EXTERIOR-PAVEMENT	MEC001	**REFER TO COMPANION STUDY:** SC PROJECT 23MM01; 2023 ASPHALT PAVING REPAIRS ASSESSMENT	N/A	VARIOUS YEARS OF PAVING, PATCHING, & OTHER REPAIRS	N/A	N/A	N/A			$40,066.00		$ -
			PUBLIC SAFETY TRAINING COMPLEX (PSTC) SITE (Includes items exterior to building. DCM Consulting for conceptual construction cost estimating with quotations from 3rd Party Sources)										$ -
PSTC	EXTERIOR-PAVEMENT	PSTC001	**REFER TO COMPANION STUDY:** SC PROJECT 23MM01; 2023 ASPHALT PAVING REPAIRS ASSESSMENT	N/A	VARIOUS YEARS OF PAVING, PATCHING, & OTHER REPAIRS	N/A	N/A	N/A			$766,292.00		$ -
												ANNUAL FUNDING REQUIREMENTS (ROUNDED):	$ -

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PAVING REPAIRS ASSESSMENT

NORTH

FEET

0 200 400

FIGURE NO. 1

FISHBECK PROJECT NO. 2501244

10/20/2026

Schoolcraft College - Main Campus

Livonia, Michigan

Capital Outlay Report

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COMPANION STUDY

2023 ASPHALT PAVING REPAIRS ASSESSMENT - PLAN YEAR 4

College Site	Site Map Sheet No.	Category	Area No.	Subarea No.	Asphalt Surface Rating	Asphalt Repair Action	Asphalt Total Repair Cost - 2027	Concrete Repair Action	Concrete Total Repair Cost - 2027
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-1 (Jeffress Center)	PL-1A	10	None	$ -	None	$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-1 (Jeffress Center)	PL-1B	5	Full depth replacement	$ 274,810.00	Curb and gutter	$ 14,181.00
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-1 (Jeffress Center)	PL-1C	7	None	$ -	None	$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-1 (Jeffress Center)	PL-1D	2	Full depth replacement	$ 543,179.00	None	$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-2 (North Parking Lot) (Nino's)	PL-2A	10	None	$ -	None	$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	WPL (West side of Nino's)	WPL	10	None	$ -	None	$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-2 (North Parking Lot)	PL-2B	3	Full depth replacement	$ 1,258,961.00	None	$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-2 (North Parking Lot)	PL-2C	10	None	$ -	None	$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-3 (South Parking Lot)	PL-3A	1	Full depth replacement	$ 4,447,440.00	Curb and gutter	$ 422.00
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-3 (South Parking Lot)	PL-3B	6	Crack sealing	$ 25,768.00	Curb and gutter	$ 281.00
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-4 (Sports Dome) (SD)	PL-4A	6	Crack sealing	$ 2,375.00	Curb and gutter	$ 843.00
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-4 (Sports Dome) (SD)	PL-4B	6	Crack sealing	$ 170.00	None	$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-5 (Elite Sports Center) (ESC)	PL-5	10	None	$ -	None	$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-6 (Physical Education Building)	PL-6	5	Full depth replacement Pavement patching	$ 31,166.00	Curb and gutter	$ 913.00
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-7 (Biotechnology Center) (BTC)	PL-7	3	Full Depth replacement Pavement patching Crack sealing	$ 1,635,140.00	None	$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-8 (Liberal Arts Lot) (aka LA Staff Lot)	PL-8	4	None	$ -	None	$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-9 (C-Lot) (aka McDowell Lot)	PL-9	5	None	$ -	None	$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-10 (Bradner Library)	PL-10	5	None	$ -	None	$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-11 (Vistatech Staff / Guest Parking)	PL-11	9	None	$ -	None	$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-12 (Bookstore Parking)	PL-12	8	None	$ -	None	$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-13 (Biotechnology Center ADA Parking Area)	PL-13	5	Crack sealing	$ 174.00	Curb and gutter	$ 702.00

COMPANION STUDY

2023 ASPHALT PAVING REPAIRS ASSESSMENT - PLAN YEAR 4

College Site	Site Map Sheet No.	Category	Area No.	Subarea No.	Asphalt Surface Rating	Asphalt Repair Action	Asphalt Total Repair Cost - 2027	Concrete Repair Action	Concrete Total Repair Cost - 2027
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 1 (Vistatech Drive)	CR-1A	2	Full depth replacement Pavement patching	$ 108,840.00	None	$ -
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 1 (Vistatech Drive)	CR-1B	9	Crack sealing	$ 26.00	None	$ -
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 2 (St Joe's Parkway)	CR-2A	7	Crack sealing Crack repair	$ 2,392.00	None	$ -
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 2 (St Joe's Parkway)	CR-2B	10	None	$ -	None	$ -
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 2 (St Joe's Parkway)	CR-2C	7	Crack sealing Pavement patching	$ 148,146.00	None	$ -
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 2 (St Joe's Parkway)	CR-2D	7	Crack sealing Crack repair	$ 3,294.00	None	$ -
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 3 (Chippewa Drive)	CR-3A	7	None	$ -	Curb and gutter	$ 16,907.00
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 3 (Chippewa Drive)	CR-3B	10	None	$ -	None	$ -
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 4 (Fox Drive)	CR-4A	7	Crack sealing Pavement patching	$ 10,730.00	None	$ -
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 4 (Fox Drive)	CR-4B	4	None	$ -	Curb and gutter	$ 211.00
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 4 (Fox Drive)	CR-4C	4	None	$ -	Curb and gutter	$ 4,212.00
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 4 (Fox Drive)	CR-4D	8	None	$ -	Curb and gutter	$ 9,970.00
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 5 (Menominee Drive)	CR-5A	5	Crack sealing	$ 575.00	Curb and gutter	$ 7,008.00
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 5 (Menominee Drive)	CR-5B	5	Crack sealing	$ 702.00	Curb and gutter	$ 1,461.00
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 6 (Allegan Drive)	CR-6	4	None	$ -	None	$ -
Main Campus Livonia (MCL)	C-1.1	Utility Areas & Ramps	UA&R-1 (Service Building Equipment Yard)	UA&R-1	5	Crack sealing Pavement patching Full depth replacement	$ 24,147.00	Concrete pavement patching	$ 2,434.00
Main Campus Livonia (MCL)	C-1.1	Utility Areas & Ramps	UA&R-2 (Receiving Dock Area)	UA&R-2	6	None	$ -	None	$ 6,805.00
Main Campus Livonia (MCL)	C-1.1	Utility Areas & Ramps	UA&R-3 (Utility Area)	UA&R-3	5	Crack sealing Pavement patching Full depth replacement	$ 57,428.00	None	$ -
Main Campus Livonia (MCL)	C-1.1	Utility Areas & Ramps	UA&R-4 (McDowell Center Ramp)	UA&R-4	2	Full depth replacement	$ 32,534.00	Curb and gutter	$ 2,247.00
Main Campus Livonia (MCL)	C-1.1	Utility Areas & Ramps	UA&R-5 (Lower Waterman, (W), Ramp)	UA&R-5	8	None	$ -	None	$ -
Main Campus Livonia (MCL)	C-1.1	Utility Areas & Ramps	UA&R-6 (Waterman Wing, (W), Upper-Level Ramp)	UA&R-6	1	Full depth replacement	$ 20,438.00	None	$ -
Main Campus Livonia (MCL)	C-1.1	Utility Areas & Ramps	UA&R-7 (Food Service Dock Area)	UA&R-7	8	None	None	Concrete joint	$ 2,008.00

COMPANION STUDY

2023 ASPHALT PAVING REPAIRS ASSESSMENT - PLAN YEAR 4

College Site	Site Map Sheet No.	Category	Area No.	Subarea No.	Asphalt Surface Rating	Asphalt Repair Action	Asphalt Total Repair Cost - 2027	Concrete Repair Action	Concrete Total Repair Cost - 2027
Main Campus Livonia (MCL)	C-1.1	Utility Areas & Ramps	UA&R-8 (Jeffress Center South Receiving Dock Ramp) (JC)	UA&R-8	8	None	None	Concrete patching	$ 502.00
Public Safety Training Complex	C-1.2	Satellite Locations	PSTC	PSTC (ATC)	1	Full depth replacement	$ 99,553.00	None	$ -
Public Safety Training Complex	C-1.2	Satellite Locations	PSTC	PSTC (FTC)	1	Full depth replacement	$ 797,009.00	None	$ -

COMPANION STUDY

2023 MANHOLE AND CATCH BASINS ASSESSMENT - PLAN YEAR 4

Asset Type	Condition Rating	Recommended Repairs	Cost Estimate - 2027	Engineer Notes	Structure Location	Lot Identifier
Manhole	Good	Grout infiltration	$1,789.13	Infiltration staining at bottom of structure	Parking Lot	1C
Manhole	Fair	Repair pipe seal	$745.47	Brick failing around inlets	Parking Lot	2A
Manhole	Good	Grout joint	$745.47	Water treatment unit - minor infiltration stains at joint	Greenway	
Manhole	Fair	Rebuild chimney, grass	$1,490.94	Chimney is old loose brick	Greenway	
Manhole	Good	Repair pipe seal	$745.47	Infiltration from underdrain pipe seal	Walkway	
Manhole	Good	Repair pipe seal	$745.47	Infiltration from underdrain pipe seals	Walkway	
Manhole	Good	Grout lift holes	$745.47	No lift holes were grouted	Roads	5A
Manhole	Fair	Replace MH, 4 ft dia, 0-8 ft, Pavement	$6,283.26	Shallow structure with cracking and loose brick	Roads	4B
Manhole	Good	Cementitious liner	$1,789.13	Weird pipe configuration; weeping infiltration on structure walls	Roads	6
Manhole	Fair	Cementitious liner	$1,789.13	Broken section of wall; sediment & brick at the bottom of structure burying inlet and outlet pipes	Roads	6
Manhole	Good	Cementitious liner	$1,789.13	Mineral buildup on walls and around outlet; some infiltration at bottom of structure	Roads	
Manhole	Good	Cementitious liner	$1,789.13	Mineral buildup all around structure; clean structure, and repair pipe seals	Parking Lot	6
Manhole	Fair	Rebuild chimney, pavement	$2,875.39	Hard to tell but it looks like the chimney needs work	Parking Lot	3A
Catch Basin	Good	Cementitious liner	$1,789.13	Infiltration around structure	Parking Lot	10
Catch Basin	Good	Repair offset frame and cover, pavement	$1,597.44	Offset rim	Parking Lot	3A
Catch Basin	Good	Repair pipe seal	$1,490.94	Cracking around pipes	Parking Lot	7
Catch Basin	Good	Grout joint below precast wall	$745.47	Infiltration under chimney between precast and block wall	Parking Lot	6
Catch Basin	Good	Repair pipe seal	$745.47	Infiltration around chimney and pipe seals	Parking Lot	5
Catch Basin	Fair	Cementitious liner	$894.57	Brick deteriorating & gaps in brick	Parking Lot	3A
Catch Basin	Good	Cementitious liner	$894.57	Brick cracking & deterioration	Parking Lot	3A
Catch Basin	Fair	Cementitious liner	$894.57	Loose brick & mortar failing	Parking Lot	3A
Catch Basin	Fair	Cementitious liner	$894.57	Deteriorating brick & mortar	Parking Lot	3A
Catch Basin	Fair	Cementitious liner	$1,789.13	Deteriorating brick & cracked pipes	Parking Lot	3A
Catch Basin	Fair	Cementitious liner & repair inlet pipes	$2,587.85	Broken brick & broken/failing inlet pipes with severe cracking	Parking Lot	3A
Catch Basin	Good	Cementitious liner	$1,789.13	Infiltration from joints; slight chimney deterioration	Parking Lot	3A
Catch Basin	Good	Cementitious liner	$1,789.13	Infiltration	Parking Lot	3A
Catch Basin	Good	Cementitious liner	$1,789.13	Infiltration	Parking Lot	3A
Catch Basin	Fair	Rebuild chimney, pavement	$2,875.39	Broken/missing brick & infiltration	Parking Lot	3A
Catch Basin	Good	Cementitious liner	$1,789.13	Crack between base & chimney causing infiltration	Parking Lot	3A
Catch Basin	Fair	Rebuild chimney, pavement	$2,875.39	Broken brick around chimney	Parking Lot	3A
Catch Basin	Good	Cementitious liner	$1,789.13	Cracking around chimney	Parking Lot	3A
Catch Basin	Fair	Cementitious liner and replace outlet pipe	$1,640.04	Broken outlet pipe but still functional	Parking Lot	9
Catch Basin	Fair	Cementitious liner	$894.57	Cracking around outlet and walls of structure - minor infiltration	Parking Lot	2B
Catch Basin	Fair	Cementitious liner	$894.57	Casting offset from structure - rebuild chimney	Parking Lot	2B
Catch Basin	Good	Rebuild chimney, pavement	$2,875.39	Cracking/broken brick and mortar at top of structure	Parking Lot	11
Catch Basin	Good	Grout south wall joint at flat top	$745.47	Infiltration staining	Parking Lot	7
Catch Basin	Poor	Replace CB, 4 ft dia, 0-8 ft, pavement	$6,283.26	Failing structure with old brick	Roads	6
Catch Basin	Fair	Cementitious liner	$894.57	Big gaps in brick at bottom of structure	Roads	6
Catch Basin	Good	Repair pipe seal	$745.47	Infiltration around inlet pipe	Roads	2C
Catch Basin	Good	Rebuild chimney, pavement	$2,875.39	Mortar failing around chimney	Roads	2D
Catch Basin	Good	Repair pipe seal and grout east wall joint at flat top	$1,490.94	Infiltration staining around pipe seals	Roads	2D
Catch Basin	Fair	Rebuild chimney, pavement and repair pipe seal	$3,620.86	Exposed rebar in chimney & gap between wall & outlet pipe	Roads	2D
Catch Basin	Good	Cementitious liner	$1,789.13	Infiltration at joints	Roads	
Catch Basin	Good	Remove silt sack	$106.50	Infiltration - grout structure & cleanout old inlet filter	Roads	
Catch Basin	Good	Rebuild chimney, pavement and repair pipe seal	$3,620.86	Grout around pipes and missing brick in chimney	Roads	
Catch Basin	Fair	Cementitious liner	$1,789.13	Hole in wall, may need to rebuild chimney; weeping infiltration	Roads	
Catch Basin	Fair	Repair offset frame and cover, pavement	$1,597.44	Offset rim and exposed rebar	Roads	
Catch Basin	Fair	Rebuild chimney, pavement	$2,875.39	Rebuild & reline chimney	Roads	3A
Catch Basin	Fair	Rebuild chimney, pavement and repair offset frame	$2,875.39	Fix offset rim and rebuild chimney	Utility Area	6
Catch Basin	Fair	Rebuild chimney, pavement	$2,875.39	Rebuild or grout chimney	Utility Area	5
Catch Basin	Good	Repair pipe seal	$745.47	Grout failing around inlet pipe	Utility Area	3

EXHIBIT B

STATEMENT REGARDING FACILITY ASSESSMENT

In accordance with state reporting requirements (Section IV, Subsection e.), this Five-Year Capital Outlay Plan incorporates data from the most recent facility assessment currently available.

Schoolcraft College received a comprehensive facility assessment and property appraisal report from **CBIZ** in **January 2026**, based on valuations and assessment data effective **December 31, 2025**. The findings and data contained in the CBIZ report have been incorporated into this Five-Year Capital Outlay Plan. **CBIZ will provide annual property valuation updates each January, and comprehensive facility assessments will be performed on a five-year cycle.**

CBIZ VALUATION GROUP, LLC

Valuation Comparison Report

Schoolcraft College

			Previous Values				New Values				
Bldg ID #	Building	Address	Building	Contents	Site Improvement	TIV	Building	Contents	Site Improvement	TIV	% Change In Value
015001001	C Nelson Grote Center	18600 Haggerty Road	$5,852,500	$86,400	$0	$5,938,900	$5,700,000	$100,000	$0	$5,800,000	-2%
015001002	Health Science Center	18600 Haggerty Road	$41,624,900	$4,035,500	$0	$45,660,400	$45,480,000	$4,300,000	$0	$49,780,000	9%
015001003	Biomedical Technology Center	18600 Haggerty Road	$22,225,400	$2,340,400	$0	$24,565,800	$22,750,000	$2,769,000	$0	$25,519,000	4%
015001004	Bradner Library	18600 Haggerty Road	$8,981,800	$1,192,200	$0	$10,174,000	$12,131,000	$1,285,000	$0	$13,416,000	32%
015001005	Forum	18600 Haggerty Road	$25,629,200	$794,700	$0	$26,423,900	$25,625,000	$900,000	$0	$26,525,000	0%
015001006	Greenhouse	18600 Haggerty Road	$326,500	$0	$0	$326,500	$245,000	$0	$0	$245,000	-25%
015001007	Liberal Arts	18600 Haggerty Road	$17,850,000	$511,700	$0	$18,361,700	$18,410,000	$600,000	$0	$19,010,000	4%
015001008	Physical Education	18600 Haggerty Road	$48,646,500	$763,300	$0	$49,409,800	$60,000,000	$800,000	$0	$60,800,000	23%
015001009	Salt Storage	18600 Haggerty Road	$262,800	$0	$0	$262,800	$270,000	$15,000	$0	$285,000	8%
015001010	Service Building & Bookstore	18600 Haggerty Road	$12,110,000	$648,700	$0	$12,758,700	$10,265,000	$700,000	$0	$10,965,000	-14%
015001011	Waterman/Vista Tech	18600 Haggerty Road	$84,619,600	$3,034,300	$0	$87,653,900	$58,630,000	$3,200,000	$0	$61,830,000	-29%
015001012	McDowell Student Center	18600 Haggerty Road	$24,097,600	$850,800	$0	$24,948,400	$30,215,000	$900,000	$0	$31,115,000	25%
015001013	Campus Garage	18600 Haggerty Road	$391,600	$0	$0	$391,600	$471,000	$0	$0	$471,000	20%
015001014	Kiln Buildng	18600 Haggerty Road	$278,600	$11,000	$0	$289,600	$300,000	$100,000	$0	$400,000	38%
015001015	Academy Training Center	31777 Industrial Road	$7,041,000	$632,900	$0	$7,673,900	$6,140,000	$700,000	$13,000	$6,853,000	-11%
015001017	Fire Training Tower	32303 Glendale Street	$1,647,700	$19,300	$0	$1,667,000	$1,285,000	$100,000	$0	$1,385,000	-17%
015001018	Fire Arms Training Center	31623 Industrial Road	$11,603,400	$582,400	$0	$12,185,800	$11,400,000	$700,000	$74,000	$12,174,000	0%
015001019	Jeffress Center	18600 Haggerty Road	$38,216,500	$2,441,300	$0	$40,657,800	$48,106,000	$2,600,000	$0	$50,706,000	25%
015001020	Soccer Dome	18600 Haggerty Road	$9,732,900	$588,300	$0	$10,321,200	$10,000,000	$700,000	$0	$10,700,000	4%
015001021	Manufacturing and Engineering Center	13001 Merriman Road	$16,821,300	$4,718,000	$0	$21,539,300	$20,730,000	$6,277,000	$0	$27,007,000	25%
Grand Totals - 20 Appraisals			**$377,959,800**	**$23,251,200**	**$0**	**$401,211,000**	**$388,153,000**	**$26,746,000**	**$87,000**	**$414,986,000**	

CBIZ VALUATION GROUP

Fiscal Year 2028
Capital Outlay Project Request

Institution Name: **Schoolcraft College**

Project Title: **SPARK Center for Integrative Learning**

Project Focus: **Multi-Use Academic & Engagement Center**

Type of Project: **New Construction with Repurposed Vertical and Horizontal Infrastructures**

Approximate Square Footage: **100,000 GSF**

Total Estimated Cost: **$90,000,000**

Estimated Duration of Project: **32 Months**

PROJECT PURPOSE

SPARK Center for Integrative Learning (SPARK) is less a building than a multidisciplinary destination where science, innovation, arts, and the community engage. It is designed to support what people actually do, rather than conforming to traditional departmental boundaries or classroom blocks. It is envisioned as a space where academia, industry, and the community can participate together in the processes of making, testing, performing, presenting, and learning.

SPARK brings credit students, high-school dual enrollees, adult learners, employers, and residents of the College's district under one roof. It turns Schoolcraft's mission of transformational learning into a daily, visible experience, and gives Southeast Michigan a front door to the creative, technical, and problem-solving skills its economy now demands.

SPARK replaces space that is no longer able to support how students learn and is **shaped by students, for students.** The case for SPARK was researched and written in part by Schoolcraft College students. In September 2026, students from Schoolcraft College's own Phi Theta Kappa honor society chapter prepared "SPARK Center: Executive Summary from the Student Perspective" to inform this project, gathering labor-market data, employer surveys, and peer-reviewed research on how students learn best. They describe SPARK as "Schoolcraft's chance to transform the way students equip for life after college."

The students' research points to a clear need:

- **Growth is in STEM, but employers hire for human skills, too:** The Detroit Metro Career Outlook through 2032 projects fastest job growth in roles such as data scientists, information security analysts, and operations research analysts. At the same time, employers surveyed by the National Association of Colleges and Employers (NACE) rank problem-solving (88.3%) and communication (77.1%) among the skills they seek most on a résumé.
- **Graduates are not yet meeting that bar:** NACE reports that employers rate new graduates roughly 30 percentage points lower than graduates rate themselves on leadership and professionalism, and about 25 points lower on critical thinking and communication.

- **Integrated, hands-on learning closes the gap:** Experiential learning through sponsored projects, case studies, fieldwork, and simulations paired with reflection improves job retention, strengthens participants' critical thinking, and helps them connect theory to practice.

SPARK Center for Integrative Learning replaces space that no longer fits how students learn and how communities and employers interact with them. SPARK will serve as a focal point, as only education can, where the broader community can come and interact to support each other. This new facility will embolden not only Schoolcraft but the broader community to create new opportunities not only for workforce development but also for Michigan's future business development.

Project Description:

SPARK is designed to be the gateway to Main Campus. The College's district spans the Livonia, Plymouth-Canton, Northville, Garden City, and Clarenceville school districts, and SPARK gives each of those communities a reason to come to campus.

- **K-12 pipeline**: Schoolcraft College's partnerships with K–12 districts create a continuous pathway that engages students from middle school through high school and into college. Students come to campus for tours, career and college exploration, STEM programming, dual enrollment, and Early Middle College, meaning they use the College's classrooms, labs, and learning spaces well before they formally enroll. Dual-enrolled and Early Middle College students come from more than 60 high schools. Demand here continues to grow, with dual enrollment increasing by an average of more than 17% annually since Fall 2022. Enrollment is projected to reach approximately 1,400–1,800 students by 2030, increasing demand for the learning spaces included in this project.
- **First-generation and adult learners:** Visible, activity-based spaces lower intimidation barriers preventing people from returning to education or exploring career changes.
- **Public programming:** Exhibitions, performances, science nights, and maker events open the facility to county residents on evenings and weekends.
- **Lifelong learning:** Continuing education and professional learning share the same labs and studios as credit students to integrate lifelong learning naturally into the student experience.

SPARK is organized as a sequence of connected experiences rather than a stack of rooms. Visitors begin in the Commons, move through the Discovery Labs, Innovation Studio, and Creative Arts spaces, concluding with the Community Learning Hub. Each zone is visible from the next, so a visitor walking through the building sees science, making, and performance happening side-by-side in a welcoming and inviting environment.

- **The Commons:** Serves as the focal point of transformative learning and offers spaces for gathering, informal learning, and public events. Currently proposed to have a multi-functional space with tiered seating, exhibit walls, a café, and flexible pop-up space.
- **Discovery Labs:** Serves cross-disciplinary, inquiry-based science via reconfigurable wet/dry labs for biology, chemistry, environmental, and physical science, with shared prep and instrumentation spaces between the labs for flexibility.
- **Innovation Studios:** Serves design, prototyping, and applied problem-solving functions, consisting of a high-ceilinged space that can be easily modified to support different functions, including

makerspace, additive/subtractive fabrication, AR/VR, and data visualization. Further includes project spaces to support student-employer engagement.

- **Creative Arts:** Serves visual, digital, and performing arts, viewing the arts as experiential learning tools. Includes spaces for studio art, digital media and audio production, and a black box/recital space.
- **Community Learning Hub:** Serves lifelong learning, dual enrollment, and community programs. Spaces include bookable seminar rooms, a K-12 outreach lab, and continuing education and professional learning suites.

SCOPE OF THE PROJECT

SPARK Center for Integrative Learning (SPARK) is a new construction of approximately 100,000 gross square feet, with a total project cost of $90.0 million and a requested state share of $25.0 million (28%).

New Structure:

- **100,000-square-foot, mixed single and multi-story building:**

SPARK will provide approximately 100,000 square feet of new academic, innovation, and community-focused space designed to support Schoolcraft College's evolving educational programs, workforce development initiatives, and interdisciplinary collaboration. The facility will address significant physical and operational limitations within existing campus buildings that currently constrain program capacity, instructional flexibility, and opportunities for future growth.

Existing instructional laboratories are undersized relative to current enrollment demands and the specialized equipment, materials, and infrastructure necessary to support contemporary hands-on, experiential, and active learning environments. Inadequate floor-to-floor heights, structural constraints, and limited infrastructure adaptability further restrict the College's ability to accommodate emerging technologies, evolving instructional methodologies, and expanding academic programs. Required safety clearances around specialized equipment also limit student capacity within laboratory environments, restricting course section sizes and the College's ability to respond to growing program demand.

New construction is proposed as the most appropriate long-term solution to overcome these inherent building limitations and establish flexible, adaptable, and technologically advanced learning environments that can evolve alongside changing educational and workforce needs.

While SPARK does not involve the adaptive reuse of an existing structure, its program represents a strategic investment in the optimization of Schoolcraft College's existing campus resources. The proposed facility will consolidate and expand high-demand, high-impact programs that cannot be effectively accommodated or modernized within the constraints of existing buildings. Purpose-built instructional environments will provide appropriate spatial capacity, accessible and inclusive learning opportunities, and efficient, sustainable infrastructure while fostering interdisciplinary engagement, innovation, and collaboration with industry and community partners.

Equally important, the relocation of these programs will create opportunities to strategically repurpose and optimize space within existing campus facilities, accommodating the growth of other academic programs and improving overall campus utilization. This coordinated approach will maximize the long-term value of both new and existing facilities, strengthen the College's ability to respond to evolving workforce demands, and establish a flexible foundation for future academic growth and institutional sustainability.

Repurposed Structures:

- **563-Square-Foot Greenhouse:** Existing, stand-alone structure, adjacent to the Forum Building, where life sciences laboratory work is conducted.
- **855 Square Feet of Kiln Sheds:** Existing, stand-alone structures, adjacent to the Forum Building, utilized for ceramics program traditional courses and personal development.
- **1,086-Square-Foot Thermal Storage System Pump House with Ice Storage Yard:** Existing structure, an addition off the north side of the Forum Building.
- **Up To 27,000 Feet of the Forum Building:** Repurpose the east half of the Forum Building, allowing the Arts programs to expand.

Site Work Overview:

The project involves clearing the proposed site, including demolishing the existing Liberal Arts Building and the west portion of the Forum Building, as it struggles with accessibility issues. We propose upgrading underground utilities: water, sanitary and storm drainage, natural gas, thermal storage, chilled water, electrical, and technology systems. Site improvements include final grading, concrete walkways (some covered), and a modified parking layout. These steps would modernize campus facilities, enhance utility infrastructure, and improve academic and community spaces, as well as address accessibility issues within existing spaces, while still maintaining operational continuity.

PROGRAM FOCUS OF OCCUPANTS

A robust variety of academic programs, student activities, and community engagement.

ADDITIONAL INFORMATION

1. **How does the project enhance Michigan's job creation, talent enhancement, and economic growth initiatives on a local, regional, and/or statewide basis?**

   SPARK builds the talent Michigan employers say they cannot find, people who can work across disciplines, communicate ideas visually, and solve unstructured problems. Southeast Michigan's mobility, advanced manufacturing, health sciences, and creative industries all depend on that blend of technical and creative skills. SPARK would specifically support these skills in the following ways:
   - **Lab for Employer Challenges:** Partners would bring real problems to the Innovation Studio, and student teams would prototype and present solutions, building portfolios employers can see.

- **Arena for Work-Based Learning:** Space for apprenticeships, internships, and customized training would complement the College's existing workforce partnerships, including Michigan Works!.
- **Incubator for Entrepreneurship:** Provision of prototyping tools and clear visibility to the Small Business Development Center in SPARK would help residents move from idea to venture.
- **Basis for Talent Retention:** SPARK would provide students with the resources to build skills and relationships locally, making them more likely to stay and work in Michigan.

2. How does the project enhance the core academic and/or research mission of the institution?

SPARK is a direct, physical expression of Schoolcraft College's mission. The College describes itself as a comprehensive, open-door, community-based institution whose purpose is to provide a transformational learning experience building people's capacity to reach intellectual, social, and economic goals. SPARK serves all three goals in one place:

- **Intellectual:** Creates integrative, hands-on inquiry linking science, technology, and the arts.
- **Social:** Serves as a commons welcoming students, families, and neighbors who may never have visited the college campus.
- **Economic:** Represents a place for applied, employer-connected learning, leading to credentials and careers.

SPARK also supports the College's vision of being a first-choice provider delivering value beyond expectations. It is being developed alongside Schoolcraft's 2026–2031 Strategic Plan.

SPARK is the priority project in the College's Five-Year Capital Outlay Plan, consistent with State Budget Office requirements that a request be a logical extension of that plan. SPARK replaces the College's previously submitted South Hub Multi-Use Academic Center request, carrying the need forward in a more integrative, community-facing project.

3. Describe how the project will address, incorporate, or enhance the efforts, policies, or goals to grow and expand opportunities for enrollment for the academic programs within the scope of the project or as a component of your institution and campus at large.

SPARK would serve transfer and career students alike and is built for the programs in which integrative learning matters most. Schoolcraft College enrolled 9,521 credit students in Fall 2025 (Source: Enrollment for a Single Term Dashboard) with 9,785 students enrolled for Fall 2026 (Source: Daily Registration Report 10/27/2026).

SPARK addresses the College's current course and pedagogical deficiencies and its accessibility limitations. Not only would this facility allow Schoolcraft College to expand its course offerings, but it would do so in a manner that allows for the high flexibility required by emerging pedagogies and student learning styles.

The following are the programs included in SPARK. Ongoing programming efforts would be focused on other inclusions, especially at the intersection of liberal arts and sciences.

- Biology, Chemistry, Physics, and Environmental Science (transfer pathways and pre-health)
- Anthropology, Communication Arts, and English

- Engineering Technology, Computer Information Systems, and Data/AI Applications
- Digital Media, Music, and Theatre
- Entrepreneurship and Business Innovation
- Dual Enrollment and Early College
- Continuing Education, Professional Learning, and Community Enrichment

By improving current spaces, the College expects a significant positive impact on student outcomes. Active, open, studio-based instruction will support students' higher course success and persistence in gateway STEM courses. SPARK will develop stronger transfer readiness in students, with lab and studio experiences matching those at the State of Michigan's four-year partners. It will also allow Schoolcraft College to provide new stackable credentials at the intersection of design, technology, and science. These will enable more students to complete interdisciplinary projects with employer or community partners before graduation, especially if paired with cohort-based learning communities proposed by students. These cohorts would move through their education with a constant group of peers across disciplines, including liberal arts, healthcare, and technical programs, organized around shared themes and real-world projects, with guidance from industry and the community.

SPARK will be the most accessible facility on campus. Key features include flexible furnishings supporting a variety of content delivery methods, subsidized dining to address student food insecurity, success coaching spaces (an extension of library services), and integrated, highly visible headquarters for student activities. The new building will enhance the College's indoor environmental quality, positively impacting the health and well-being of students, faculty, and visitors. Welcoming spaces will foster student and community interactions, building a stronger campus and regional community.

SPARK will be designed according to Universal Design for Learning (UDL) principles, intended to enhance student access and success. UDL guidelines create diverse learning environments that support all students, ensuring equitable access to resources and facilities. Interdisciplinary collaboration will be fostered through shared spaces that encourage innovative interactions among students and faculty, promoting inclusive academic experiences.

4. Is the requested project focused on a single, stand-alone facility?

Yes. SPARK for Integrative Learning is a single, stand-alone facility, with limited modifications to the existing pump house that services the Forum Building and ice storage yard. Additionally, the College will reallocate the central thermal cooling capacity from the Forum and Liberal Arts buildings to SPARK. SPARK does not depend on future State-funding phases for completion.

5. How does the project support investment in or adaptive re-purposing of existing facilities and infrastructure?

While SPARK is new construction, it plays a critical role in the College's plans to reinvest in the campus core strategically. SPARK will allow the College, through a mixture of replacement and structural

overhaul of over 100,000 square feet of space, to replace pedagogically restrictive structures and eliminate approximately $7 million in deferred maintenance backlog.

- **Leverage existing infrastructure:** By locating SPARK on a previously developed site, the College avoids costly expansion and preserves existing open green space. This site allows Schoolcraft College to leverage existing utility systems and connections: water, sanitary, natural gas, chilled water, and electrical. For instance, to support SPARK, the College plans to repurpose the campus' 2003 thermal storage system underground chilled water distribution piping loop and pump house with thermal storage tank yard currently attached to the Forum Building. This system was studied in 2025 and confirmed to have capacity to support the proposed facility, especially when the existing proposed demolished structures are removed.
- **Strategic repurpose of space.** SPARK will allow us to further address the College's utilization and space needs by realigning existing space with functional needs and co-locating our educational and outreach spaces in alignment with our strategic goals.
- **Repurposed structures:** To best utilize our existing facilities and infrastructure we have targeted structures to remain that we know have existing life and can serve to support and align other needs and functions. The structures we will be retaining/repurposing are:
  - **563-Square-Foot Greenhouse:** This is an active greenhouse in support of life sciences laboratory work and is still in good condition and represents a replacement cost beyond the scope of this project.
  - **855 Square Feet of Kiln Sheds:** This is an active, specific, purpose-built space housing high heat producing kilns for Liberal Arts and Personal & Professional Learning courses, plus open lab hours. The structure is still in good condition and does not need investment at this stage.
  - **1,086-Square-Foot Thermal Storage System Pump House with Ice Storage Yard:** This structure is in good condition and supports the repurposing of the thermal storage system that will be connected to SPARK.
  - **Up To 27,000 Feet of the Forum Building:** The current planning retains as much of the existing structure as practical, selectively demolishing accessibility restrictive sections. The remaining portions could support office space for SPARK, in lieu of housing resident departments.

6. **Does the project address or mitigate any current health/safety deficiencies relative to existing facilities?**

   Yes. The Forum and Liberal Arts buildings present significant health and safety concerns. In the Forum Building, imbalanced lab exhaust causes chemical odors to migrate into adjacent areas, and maintenance staff experience significant safety hazards, especially when accessing attic-mounted equipment. Both buildings, which are about 60 years old, contain asbestos, obsolete electrical systems operating at capacity, and noncompliant accessibility features, and lack fire sprinkler protection. The proposed project will eliminate these deficiencies and resolve all associated life-safety risks.

7. **How does the institution measure utilization of its existing facilities, and how does it compare relative to established benchmarks for educational facilities? How does the project help to improve the utilization of existing space and infrastructure, or conversely how does current utilization support the need for additional space and infrastructure?**

Schoolcraft College utilizes Accruent EMS (Event Management System) software, an enterprise-level scheduling solution, to optimize the use of rooms and facilities. The EMS system generates an Academic Utilization Report, typically retrieved yearly during the fall semester. These reports provide comprehensive and data-driven decisions ensuring space usage is aligned with institutional goals. From the analysis in this report, the College identified the following deficiencies:

- Scheduling bottlenecks and student waitlists are due to space limitations for high-demand and highly specialized courses in both Natural Sciences and Fine Arts. In Fall 2026, seat fill rates (% enrolled/course capacity) were 91% for physics, 89% for biology, and 82% for chemistry, with each course having at least one waitlisted class section.
- Lower utilization of classrooms is due to capacity restrictions and lack of infrastructure. The targeted demolition of the Liberal Arts building provides Schoolcraft College with a strategic path to remove underutilized space due to infrastructure restrictions and address accessibility issues hampering other collegiate spaces. In Fall 2026, data shows academic spaces in the Liberal Arts building were scheduled 36%. This is largely due to a lack of flexibility necessary for modern pedagogies. This will be addressed through the construction of SPARK.

Improving Utilization: By selectively demolishing part of the Forum and all of the Liberal Arts Building, SPARK will replace inadequate and inefficient space to help not only address scheduling bottlenecks and accessibility issues but also allow the College to realign space within its existing footprint and optimize space utilization. SPARK will improve space management by offering versatile, highly reconfigurable classrooms that can be used for a range of different modalities of instruction and engagement. These flexible spaces will allow for more course offerings, expanding physics, biology, chemistry, and performing arts programs, and enabling students to enroll in classes that fit their schedules. SPARK will alleviate pressure on existing facilities, improving space utilization and better serving student needs.

8. How does the institution intend to integrate sustainable design principles to enhance the efficiency and operations of the facility?

SPARK will be designed to enhance overall operational efficiency and integrate emerging innovative sustainability principles to reduce the College's overall environmental impact and contribute to its long-term sustainability efforts. The project will be designed to LEED Silver status or higher, with a high-performance envelope, efficient lab ventilation and mechanical systems, electrified building systems where feasible, and daylighting strategies for an estimated 25% energy reduction. These strategies are expected to reduce present annual energy-only costs by $73,000 (moderate academic) to $220,000 (lab intensive / high-load) for this 100,000-square-foot building.

9. Are match resources currently available for the project? If yes, what is the source of the match resources?

Yes, match resources are currently available for the project, through a combination of General Fund reserves and donor funds secured by the College Foundation.

10. If authorized for construction, the state typically provides a maximum of 75% of the total cost for university projects and 50% of the total cost for community college projects. Does the institution intend to commit additional resources that would reduce the state share from the amounts indicated? If so, by what amount?

The state share being requested is $25.0M or approximately 28% of the total project costs. The College is funding approximately 72% of the project cost, specifically $65.0M of the total $90.0M estimated project cost.

11. Will the completed project increase operation costs to the institution? If yes, please provide as estimated cost (annually, and over a five-year period) and indicate whether the institution has identified available funds to support the additional cost.

Yes, there are forecasted additional operating costs for the proposed 100,000-square-foot building; however, this cost is mitigated by the demolition of the existing spaces mentioned above, comprising approximately 99,366 square feet. **The college has identified available funds to support the additional operating costs.**

Annual Operating Costs:

Custodial & Supplies	$3.45 / square foot
Utilities	$2.85 / square foot
Maintenance & Supplies	$2.25 / square foot
Insurance	$0.19 / square foot
Security	$4.48 / square foot
Composite	$13.22 / square foot

The net change of 634 square feet represents an annual increase in operating costs of $8,267, with a five-year estimated cost of $41,337.

12. What impact, if any, will the project have on tuition costs?

No tuition or fee increases are anticipated as a result of this project. Operational savings, elimination of deferred maintenance backlog, and external funding commitments obtained by the College's Foundation will sustain the facility's costs without additional student burden.

13. If this project is not authorized, what are the impacts to the institution and its students?

If this project were not authorized, Schoolcraft College and its students and staff, as well as the community, would be negatively affected.

Key Impacts:

- Due to enrollment pressures, Schoolcraft College's current laboratory inventory is insufficient to meet the demand of biology and chemistry lab sections. With the increased needs of the nursing program and the expansion of health sciences programs (ultrasound, radiology, surgical tech), Schoolcraft is severely restricted in its ability to meet demand. This situation was only heightened

by the recent relocation of medical assisting, HIT, and EMT programs to Main Campus from a decommissioned satellite center. The construction of SPARK will provide the much-needed space for these highly in-demand medical programs currently lacking space occupy; without these additions, program needs will continue to go unmet.

- The existing Forum and Liberal Arts classrooms are too small for modern teaching methods, lack flexible furniture options to allow emerging pedagogy, have outdated instructional technology, and provide insufficient power connections for both student and instructional devices. The modern design of SPARK provides space for these programs and ensures integrated technological and power needs of an advanced classroom.
- The College currently has insufficient instructional spaces for emerging environmental science programs. Without SPARK, these conditions would continue.
- The College's current assembly spaces are severely outdated, limiting opportunities for hosting employer and community events. Without SPARK's dedicated spaces for community enrichment and employer labs, opportunities to host employer and community events will continue to be restricted.
- Due to restrictive architectural design, students and staff with mobility limitations cannot directly access the east side of the Forum building from the west and must use exterior entrances to do so. Additionally, both the Forum and Liberal Arts building suffer from excessively steep, ramped corridor floors as well as office spaces with insufficient door clearance and turn-around space. The College's ability to meet these accessibility needs is limited without SPARK construction.
- Schoolcraft's current instructional spaces are unsuitable for integrating emerging Universal Design for Learning (UDL) pedagogies. Inability to incorporate these pedagogies in the classroom without SPARK hampers the College's ability to meet students' modern and emerging needs.

14. What alternatives to this project were considered? Why is the requested project preferable to those alternatives?

No project alternatives have been currently identified, but ongoing strategic planning and architectural programming may determine otherwise.

Schoolcraft College®