

#### FY 2026 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. Student majors are roughly 47% career and 53% 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 2024, Schoolcraft College has 8,531 credit students enrolled with 78% seats filled.

Fall 2024 classes began August 26. As of October 10, 2024, the number of late starting classes were as follows:

Modality	# Late Starting 12-week classes	# Late Starting 7-week classes
Traditional and Hybrid Classes	70	23
Online Classes	134	42
Synchronous Classes	5	3

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. For Fall 2024, 67 additional sections were offered after registration began.

The relatively new Health Sciences Center (HS), which opened in April 2022, is a 36,700sq.ft. expansion and 41,200sq.ft. renovation of our existing Applied Sciences building. In addition to the programs originally housed in the Applied Sciences building, the additional space has provided the opportunity to centralize all our Health Professions programs, including existing and new programs. The Health Professions programs that are now held at the Health Sciences Center include Computed Tomography, Diagnostic Medical Sonography, Emergency Medical Technology/Paramedic, Health Information Technology, Health Coding Specialist, Magnetic Resonance Imaging, Mammography, Medical Assisting, Medical Biller/Receptionist, Nursing, Nursing Assistant Training, Pharmacy Technician, Phlebotomy, Radiologic Technology, Sterile Processing, and Surgical Technology. Schoolcraft College is a Michigan Department of Community Health 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 supports flexible deliveries of instruction that meet the needs of a diverse student population. In addition to traditional classroom delivery, the College offers online, hybrid (a combination of face-to-face and online), and synchronous modalities. The College offers variable length (e.g., 5-, 7-, 12-, and 15-week) courses. Accelerated courses have created a demand for flexible scheduling and more course options.

In Fall 2024, over 9,153 seats were filled in online courses, which reflects a 22% increase from Fall 2023. Moreover, the Fall 2024 semester offered 115 unique online courses comprising 35 sections.

In Fall 2024, the College offered 10 hybrid courses comprising 30 sections. In Spring/Summer 2023, the College relaunched a select set of synchronous remote courses (subsequently adjusted to "synchronous") under a pilot offering. In Fall 2024, the College offered 27 synchronous courses comprising 33 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 2023/2024 academic year, there were 13,053 credit students who attended the College and 10,047 students who were registered for continuing education, professional development, or adult education programs. The Business Development Center (BDC) 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 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 (2019-2023), the SBDC has had a significant impact by assisting 2,887 clients and companies, conducting 4,138 counseling sessions, facilitating 33 business startups, helping create or retain 200 jobs, and supporting capital investments totaling \$24,448,805.

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 60 articulation agreements with 17 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 32 articulation agreements with eleven career technical centers or secondary schools for 30 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 Leadership Academy" to prepare leaders to improve learning in their classrooms, departments, schools, districts, and community colleges. Over 130 teachers and faculty from 30 school districts, two community colleges, and one university participated in the program from Wayne, Oakland, and Macomb Counties. The total number of Galileo Leaders trained to date is over 970 strong.

#### 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 deescalation 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 increase student demand.

# 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, synch, 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 digital sculpting, project management, and computer classes geared toward workplace applications. Additionally, courses in specific content areas such as accounting, event planning, 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 numerous new programs: Computed Tomography, Diagnostic Medical Sonography, Magnetic Resonance Imaging, Mammography, 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, Coding Specialist, Nursing Assistant Training, Biomedical Engineering Technology, Pharmacy Technician, Emergency Medical Services, and the Nursing Career Ladder Curriculum program.

National employment forecasts through 2033 project employment requiring an associate degree

will increase by 6.3%, compared to 2.5% for a high school diploma or equivalent, 6.0% for postsecondary non-degree awards, 7.2% for a bachelor's degree, and 12.1% 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 2030 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, HVAC and Refrigeration Mechanics and Installers, Bus and Truck Mechanical and Diesel Engine Specialists, Millwrights, Licensed Practical and Licensed Vocational Nurses, Physical Therapy Assistants, Diagnostic Medical Sonographers, Occupational Therapy Assistants, and Respiratory Therapists.

Schoolcraft College actively participates with several Economic Development organizations including:

- Advance Michigan Center for Apprenticeship Innovation (AMCAI)
- 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
- HR Manufacturing Roundtable Plymouth
- I-275 Industrial Council
- Learning Resources Network (LERN)
- Livonia-Westland Chamber of Commerce
- 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 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)
- 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 2024 late-starting classes continues through October 29, 2024. As of September 2024, enrollment for Fall 2024 had reached 8,531. For the full 2023/2024 academic year, Schoolcraft College had 13,053 credit students enrolled. As of Fall 2024, 64% of Schoolcraft College's credit students attend on a part-time basis (less than 12 credit hours) and 36% 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 10,047 students during the same academic year. PPL non-credit courses include contracted training, certification programs, professional development, and 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)	1,613
Evening Only (Traditional Classes)	387
Combination of Day and Evening Only (Traditional Classes)	494
Distance Learning (Online) Only	2,532
Combo Only	143
Distributed Learning (Hybrid) Only	103
Independent Learning, SYNC, Global	112
Combination (traditional, online, day, evening, and weekend)	3,299

As shown in the following charts, 53% of Schoolcraft College's credit students are enrolled in transfer programs. Another 29% are enrolled in associate or certificate career programs, and 18% 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, Diagnostic Medical Sonography, Criminal Justice, Cybersecurity and Radiologic Technology. 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 2024 comprise 699 traditional sections, 21 independent learning, 36 synchronous sections, 30 hybrid sections, and 352 online sections.

#### **Enrollment in Fall 2024 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)	122	454	0	576
P017	Pre-Nursing PN	9	43	0	52
P024	Pre-Emergency Medical Technology (1 yr.)	1	6	1	8
P026	Pre-Medical Assisting Certificate	2	14	0	16
P079	Pre-Culinary Arts (1 yr.)	0	1	0	1
P087	Pre-Culinary Arts (AAS)	4	3	0	7
P128	Pre-Biomedical Engineering Technology	15	16	0	31
P153	Pre-Health Info Tech	7	21	0	28
P170	Elementary Alternative Route to Teacher K-5	0	2	0	2
P234	Pre-Pharmacy Technician Certificate*	0	1	0	1
P240	Pre-Health Coding Specialist	1	13	0	14
P247	Pre-Culinary Baking and Pastry Arts	4	2	0	6
P249	Pre-Pharmacy One-Year Certificate	0	1	0	1
P250	Pre-Emergency Medical Technology	11	6	0	17
P281	Pre-Diagnostic Medical Sonography	76	172	0	248
P280	PRE-MRI	0	2	0	2
P283	Pre-Radiologic Technology	38	113	0	151
P286	Pre-Surgical Technology	5	27	0	32
P397	Pre-Culinary & Dietary Operations Mgmt BS	5	6	0	11
P398	Pre-Professional Culinary Arts Skills Certificate	0	3	0	3
P399	Pre-Professional Culinary Arts Certificate	0	11	0	11
P400	Pre-Professional Culinary Arts Degree	38	46	0	84
	Pre-Programs Totals	338	963	1	1,302
	% Of Total Enrollment	4.0%	11.3%	0.0%	15.3%

<sup>\*</sup>Program Inactive

**Skills Programs: Certificates** 

Code	Program Name	Full-time	Part- time	Other	Total
222	Mechatronics Technology	0	2	0	2
238	CAD Mechanical Design	0	4	0	4
285	Sterile Processing	0	10	0	10
290	Real Estate Property Management	0	1	0	1
315	Child Development Associate	2	7	0	9
316	Autism Education	0	2	0	2
320	Electronic Technology	1	1	0	2
321	Nursing Assistant	6	4	0	10
324	Emergency Medical Technology	5	16	1	22
325	Phlebotomy	3	15	0	18
328	Information Technology	3	14	0	17
329	Cisco and Network	0	3	0	3
337	Advanced Manufacturing	0	5	0	5
338	Supply Chain Management	0	2	0	2
345	Music Keys for Piano Teacher	0	1	0	1
349	Pharmacy Technician Certificate	2	6	0	8
350	Medical Biller/Receptionist	1	9	0	10
364	Computer Graphics Technology	17	20	0	37
365	Accounting for Small Business	1	4	0	5
366	Application Developer	2	5	0	7
379	Geographic Information Systems	0	22	0	22
398	Professional Culinary Arts	0	1	0	1
	Totals (Skills Programs: Certificate	43	134	1	178
	% Of Total Enrollment	0.5%	1.6%	0.0%	2.1%

Career Programs: One-Year Certificates

Code	Program Name	Full-time	Part- time	Other	Total
001	Accounting	2	11	0	13
002	Basic Business	6	19	0	25
004	Programming	3	12	0	15
017	Practical Nursing	1	48	0	49
024	Emergency Medical Technology	0	9	0	9
026	Medical Assisting	1	7	0	8
031	Early Childhood Education	1	9	0	10
032	Special Needs Para Educator	0	2	0	2
079	Culinary Arts	0	1	0	1
084	Brewing and Distillation Technology	3	11	0	14
115	Piano Teacher	1	1	0	2
125	Electronic Technology	1	4	0	5
127	Welding Fabrication	9	32	0	41
129	Welding Pre-Apprenticeship	2	4	0	6
131	Web and Interactive Media	0	2	0	2
132	3D and Video Graphics	2	1	0	3
136	Computer Graphics Technology	1	4	0	5
144	Sound Recording Technology	2	11	0	13
149	Fire Fighter Technology	4	18	4	26
159	Computer Service Technician*	0	1	0	1
170	Elementary Education	0	8	0	8
171	Secondary Education	1	1	0	2
213	Small Business for Entrepreneurs	5	10	0	15
214	Movement Science	2	1	0	3
223	Mechatronics Technology	3	5	0	8
230	Computer Systems Support	1	0	0	1
231	Networking Specialist	1	2	0	3
232	Cybersecurity	3	7	0	10
237	Advanced Manufacturing	1	7	0	8
240	Health Coding Specialist	2	6	0	8
242	Business Information Technology Art Entrepreneurship Cortificate	1	2	0	3
245	Art Entrepreneurship Certificate	17	7 3	0	8
247	CAD Machanical Design			0	29
248 249	CAD Mechanical Design	0	6 3	0	6 3
253	Pharmacy Technician Certificate	0 5	2	9	16
272	Fire Fighter Technology  Engineering Technology	0	1	0	10
272	Environmental Science Technician	1	1	0	2
270	Real Estate Property Management	3	4	0	7
339	Supply Chain Management	3	4	0	7
346	Music Entrepreneurship	0	2	0	2
399	Professional Culinary Arts Certificate	2	4	0	6
333	Totals (Career Programs: One-Year Certificates)	91	293	22	406
	% Of Total Enrollment	1.1%	3.4%	0.3%	4.8%
Drogram		1.170	0.170	0.070	1.070

<sup>\*</sup> Program Inactive

Career Programs: Associate and Bachelor's Degrees

Career	Career Programs: Associate and Bachelor's Degrees							
Code	Program Name	Full-time	Part- time	Other	Total			
000	Registered Nursing	9	310	0	319			
005	Accounting	23	58	0	81			
007	Networking Specialist	3	10	0	13			
800	General Business	52	79	0	131			
009	Marketing & Applied Management	47	40	0	87			
010	Cosmetology Management	5	7	0	12			
011	Small Business Entrepreneur	31	31	1	63			
012	Programming	42	60	1	103			
014	Computer Systems Support	12	19	0	31			
020	Early Childhood Education	15	74	0	89			
021	Special Needs Para Educator	4	2	0	6			
028	Computer Graphics Technology	13	16	0	29			
031	Web and Interactive Media	4	4	0	8			
032	3D and Video Graphics	10	16	0	26			
041	Broadcast Communications	2	0	0	2			
066	Cybersecurity	82	90	0	172			
068	Special Study - Career	6	41	0	47			
082	Welding Fabrication Technology	20	27	0	47			
086	Criminal Justice	76	92	50	218			
087	Culinary Arts	0	4	0	4			
120	Electronics Technology	12	10	0	22			
128	Biomedical Engineering Technology	1	10	0	11			
135	Advanced Manufacturing	1	10	0	11			
153	Health Information Technology	2	21	0	23			
176	Environmental Studies	0	6	0	6			
177	Fire Technology	3	9	1	13			
184	Metallurgy and Materials Science	1	8	0	9			
217	Fire and Emergency Services	6	5	1	12			
224	Mechatronics Associate Applied Science	3	18	0	21			
226	Mechatronics	0	5	0	5			
229	Health Professionals Management for	0	2	0	2			
	Pharmacy Technicians							
244	Sound Recording Technology	16	27	0	43			
250	Emergency Medical Technology	2	12	1	15			
252	Homeland Security	4	2	0	6			
254	Fire Fighter Technology	10	9	1	20			
258	CAD Mechanical Design	1	24	0	25			
273	Engineering Technology	2	15	0	17			
275	Web Specialist	0	1	0	1			
277	Business Information Technology	13	13	1	27			
281	Diagnostic Medical Sonography	0	14	0	14			
283	Radiologic Technology  Mayament Science	19	0	0	19			
284	Movement Science	31	15	0	46			
286	Surgical Technology  People Estate Property Management	0 10	13 11	0	13			
292 341	Real Estate Property Management	12	26	0	21			
347	Supply Chain Management  Music Entropropourchin		4	0	38 5			
	Music Entrepreneurship	1	4	U	ວ			
397	B.S. Culinary & Dietary Operations  Management	1	1	0	2			
400	Professional Culinary Arts	50	69	1	120			
	Totals (Career Programs: Associate/Bachelor's	657	1,340	58	2,055			
	degree)							
	% of Total Enrollment	7.7%	15.8%	0.7%	24.2%			

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

	Full-time	Part-time	Other	Total
Enrollment	748	1,633	80	2,461
% Of Total Enrollment	8.8%	19.2%	0.9%	29.0%

**Career Programs: Post-Certificates** 

Code	Program Name	Full-time	Part-time	Other	Total
178	Biomedical Applications	0	1	0	1
280	Magnetic Resonance Imaging	0	2	0	2
313	Elementary ARC PK-3	0	15	0	15
314	Secondary Education Alternative Route Teacher Certification	0	48	0	48
319	Elementary ARC PK-6	0	12	0	12
	Totals (Career Programs: Post-Certificates)	0	78	0	78
	% Of Total Enrollment	0.0%	0.9%	0.0%	0.9%

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

	Full-time	Part-time	Other	Total
Enrollment	381	1,175	2	1,558
% Of Total Enrollment	4.5%	13.8%	0.0%	18.3%

**Transfer Programs** 

Code	Program Name	Full-time	Part-time	Other	Total
				Other	
039	Associate in Engineering	101	88	0	189
042	Associate in Arts	122	125	0	247
042	Associate In General Studies	792	925	11	1,728
042	Associate in Science	243	279	0	522
167	Guest Transfer	35	228	1	264
268	Dual Enrollment	71	617	1	689
368	Early College	0	21	0	21
401	Associate in Business Administration	327	231	1	559
402	Associate in Fine Arts	24	30	1	55
403	Pre-Pharmacy Associate Degree	6	7	0	13
700	Education Transfer	9	15	0	24
900	Non-Degree Seeking	21	141	4	166
	Totals (Transfer Programs)	1,751	2,707	19	4,477
	% Of Total Enrollment	20.6%	31.9%	0.2%	52.7%

**Total Enrollment for Certificates, Associate Degrees, and Transfer** 

	Full-time	Part-time	Other	Total
Pre-Programs	338	963	1	1,302
Skills Certificates	43	134	1	178
One-Year Certificates	91	293	22	406
Associate and Bachelor's Degrees	657	1,340	58	2,055
Post-Associate Certificates	0	78	0	78
Transfer	1,751	2,707	19	4,477
Totals	2,880	5,515	101	8,496
% Of Total Enrollment	33.9%	64.9%	1.2%	

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 2024 as of 09/25/2024).

	2024	2023	2022	2021	2020
Fall Headcount	8,524	7,896	7,909	8,656	8,402

#### 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
2014-2015	18,966
2015-2016	18,181
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*	12,531
2025-2026	12,030
2026-2027	11,548
2027-2028	11,087
2028-2029	10,643
2029-2030	10,217
*2024-2025 data no	ot 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. Students continue to seek distance-learning modalities to accommodate their varied schedules.

Students Enrolled Exclusively In:	Fall 2024
Online Courses	2,532

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

For the 2023/2024 academic year, the student (13,053) to instructional staff (406) ratio was 32:1. Instructional staff includes both full-time and part-time faculty members. The ratio for students to administrative staff (61) was 213:1. 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)
2014-2015	845
2015-2016	832
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	713
2025-2026	706
2026-2027	699
2027-2028	692
2028-2029	685

\*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 2022 was 16 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 7. 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 to industry standards.

#### **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 2024, 66% are offered face-to-face, 28% 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 2024 Facility Usage

		Off I	Peak	Evening	Wee	kend
Building/Room Type	M-F	M-F	M-F	M-Th	F	Sa/Sun
Ballallig, Noolli 1, pp	10am- 3pm	7am- 10am	3pm- 5pm	5pm- 10pm	5pm- 10pm	7am- 10pm
Classrooms						
Biomedical Technology Center Classrooms	60.69%	36.96%	55.28%	52.87%	23.17%	23.08%
Bradner Library Classrooms	32.00%	5.63%	7.97%	1.64%	0.00%	0.00%
Elite Sport Center Classrooms	55.00%	6.25%	10.63%	14.22%	10.63%	4.69%
Forum Classrooms	39.51%	23.16%	28.89%	22.30%	10.73%	8.92%
Health Sciences Classrooms	31.01%	16.60%	7.43%	21.02%	1.49%	0.85%
Jeffress Center Classrooms	11.10%	9.78%	2.14%	11.25%	0.00%	1.25%
Liberal Arts Classrooms	39.48%	14.83%	22.46%	22.83%	0.36%	15.97%
McDowell Center Classrooms	28.16%	18.66%	19.83%	7.70%	0.00%	11.54%
Physical Education Classrooms	8.38%	1.04%	14.69%	5.08%	6.25%	6.04%
VisTaTech Center Classrooms	22.42%	13.65%	24.44%	20.34%	0.63%	7.67%
Labs						
Biomedical Technology Center Labs***	16.57%	9.81%	17.70%	12.72%	3.88%	0.54%
Elite Sport Center Labs***	7.00%	6.25%	0.00%	0.00%	0.00%	0.00%
Forum Labs***	35.18%	14.73%	31.78%	27.63%	11.91%	4.38%

Health Sciences Labs***	16.68%	7.60%	7.74%	4.32%	0.00%	2.16%
Jeffress Center Labs***	22.17%	0.00%	25.63%	38.85%	29.58%	6.29%
Liberal Arts Labs - Theater ****	15.00%	0.00%	16.25%	31.09%	0.00%	15.97%
McDowell Center Labs **	39.47%	23.17%	26.88%	0.00%	0.00%	11.54%
Physical Education Labs	15.26%	7.54%	10.44%	15.37%	15.50%	3.36%
VisTaTech Center Labs ***	39.29%	44.63%	19.94%	16.16%	5.00%	3.11%
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%

<sup>\*\*</sup>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.

Manufacturing & Engineering Center - Fall Semester 2024 Facility Usage

manarastaring a zingmooning contor	i i an comester zez i i aemty ceage			<u>,                                     </u>		
	Peak	Off Peak		Evening	Weel	cend
Building/Room Type	M-F	M-F	M-F	M-Th	F	Sa/Sun
Building/Room Type		7am- 10am	3pm- 5pm	5pm- 10pm	5pm- 10pm	7am- 10pm
Classrooms						
Manufacturing & Engineering Center Classrooms	19.28%	3.04%	23.58%	24.21%	15.31%	4.94%
Labs						
Manufacturing & Engineering Center Labs***	5.24%	0.68%	6.75%	10.47%	3.48%	1.46%
Computer Labs**						
Manufacturing & Engineering Center Computer Lab	100%	100%	100%	100%	100%	100%

<sup>\*\*</sup>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.

Public Safety Training Complex Fall Semester 2024 Facility Usage

		Off I	Peak	Evening	Wee	kend
Building/Room Type	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	53.23%	45.68%	52.86%	27.23%	1.77%	22.14%
Firearms Training Center Classrooms	38.84%	20.05%	36.17%	8.13%	0.00%	4.79%
Labs						
Academy Training Center Labs	29.81%	24.17%	28.75%	1.80%	0.31%	12.29%
Firearms Training Center Labs	42.92%	32.22%	30.00%	1.77%	3.75%	12.33%
Computer Labs**						
Firearms Training Center Computer Labs	100%	100%	100%	100%	100%	100%

<sup>\*\*</sup>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.

<sup>\*\*\*</sup>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.

<sup>\*\*\*\*</sup>Theater is used for performances, plays, stage set-up, rehearsals, etc. when not scheduled for classes.

<sup>\*\*\*</sup>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.

Fall 2024 - Classroom and Lab Usage - All Campus Buildings

		Off I	Peak	Evening	Wee	kend
Building/Room Type	M-F	M-F	M-F	M-Th	F	Sa/Sun
bullullig/Noolil Type		7am- 10am	3pm- 5pm	5pm- 10pm	5pm- 10pm	7am- 10pm
Classrooms						
Total classroom hours for all Buildings	13,985	4,276	3,787	7,298	420	5,054
Total Utilization Rate for all Buildings		18.56%	24.65%	23.76%	5.47%	10.97%
Labs						
Total lab hours for all Buildings	7,804	2,802	2,424	4,157	486	1,334
Total Utilization Rate for all Buildings	22.43%	13.42%	17.42%	14.93%	6.98%	3.20%

#### c) Mandated facility standards for specific programs, where applicable.

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 Renovation Priorities and Major Maintenance Priorities (Section V, part b) and Exhibit A.

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

Annually R.A. Schettler, Inc., an independent certified appraisal service, establishes the replacement value of the College's buildings. The most recently completed version was on October 1, 2024. See Exhibit B.

#### f) Utility system condition.

See Exhibit A.

#### g) Facility infrastructure condition.

See Exhibit A.

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

The IT (Information Technology) Infrastructure project is complete. Expansion of the wireless system is ongoing. Utilities and other infrastructure systems will need to be extended to incorporate additional parking 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; include a determination of whether capacity exists for future development, if 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.

#### V. Implementation Plan

a) Prioritize major capital projects requested from the State, including a brief project description and estimated cost, in the format provided. (Adjust previously developed or prior years' figures utilizing industry standard CPI indexes where appropriate).

The major capital project is the construction of a 135,000 square foot Multi-Use Academic Center and 900 sq. ft. greenhouse at a total estimated cost of \$60,000,000.00. This is essentially our 2021 Capital Outlay Major Project Request (Forum Science and Humanities Renovation & Addition) reimagined.

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.

The plan is to take \$2,000,000 - \$3,000,000 of reserves from the general fund to address the deferred maintenance backlog over the next five years.

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 Multi-Use Academic Center 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.

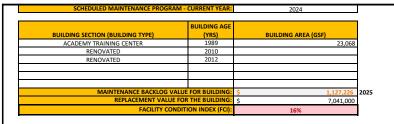
Our distance learning modality is delivered synchronously, asynchronously, or as a hybrid of both.

f) Identify a maintenance schedule for major maintenance items in excess of \$1,000,000 for fiscal year 2026 through fiscal year 2030.

There are not currently any plans for any major maintenance items more than \$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.

See Exhibit A



PV OF TOTAL ANNUAL RESERVES: \$ 1,087,007 - YEAR: 2025



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

INFLATION RATE [%]:	YEAR
2.4%	2024
3.7%	2025
3.7%	2026
3.7%	2027
3.7%	2028
3.7%	2029
3.7%	2030
3.7%	2031
3.7%	2032
3.7%	2033

	ITEM NO. CODES
AI: ACC	ESSIBILITY IMPROVEMENT
BE: BU	LDING EXTERIOR
BI: BUI	LDING INTERIOR
BS: BU	LDING SYSTEM
ES: ELE	CTRICAL SYSTEM
MS: M	CHANICAL SYSTEM
PS: PLU	IMBING SYSTEM
SG: SIT	E GROUNDS
SE: SPE	CIALTY EQUIPMENT

AVG: AVERAGE
CF: CUBIC FEET
CY: CUBIC YARDS
EA: EACH
EUL: ESTIMATED USEFUL LIFE
GSF: GROSS SQUARE FEET
LOC: LOCATION (SITE/BLDG)
PY: 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

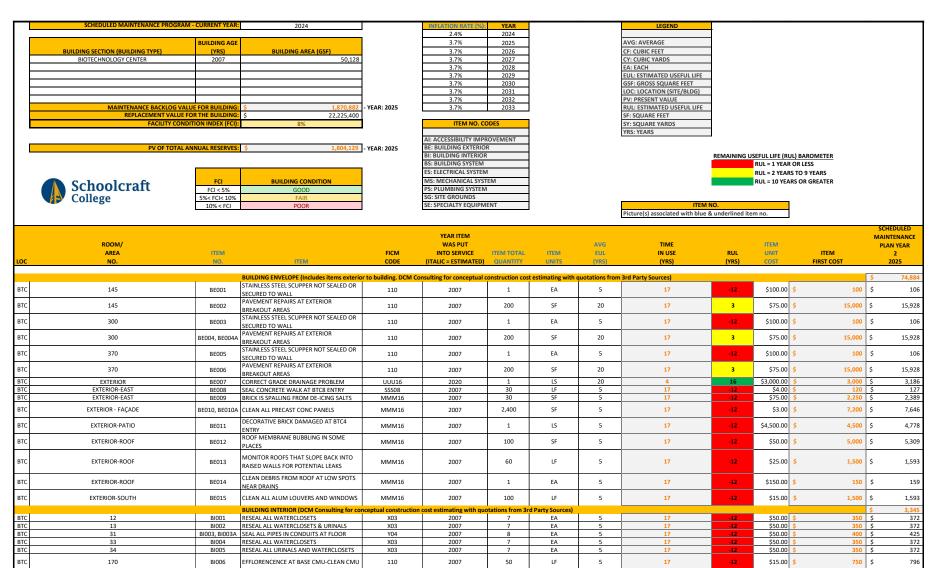
ITEM NO.
Picture(s) associated with blue & underlined item no.

					YEAR ITEM								MAINTENANCE
	ROOM/				WAS PUT			AVG	TIME		ITEM		PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
	1101	1101	Trem	CODE	(TITLE - ESTIMATES)	Qu'atti.	Old II	(1110)	(1115)	(1113)	2001	111151 0001	LULU
			BUILDING ENVELOPE (Includes items exterio	r to building. DCM Co	onsulting for conceptual	construction co	st estimating wit	h quotations fro	om 3rd Party Sources)				\$ 98,596
ATC	EXTERIOR-CONCRETE	BE001	REPLACE CRACKED CONC WALK SLABS	SSS08	1989	50	SF	2	35	-33	\$75.00 \$	3,750	\$ 3,982
ATC	EXTERIOR-WEST ELEVATION	BE002	SEAL GAS PIPE INTO BUILDING, PAINT PIPES	UUU12	1989	1	LS	2	35	-33	\$500.00 \$	500	\$ 531
ATC	EXTERIOR-EAST ELEVATIONS	BE003	PAINT EXT HM DOORS AND FRAMES	MMM16	1989	5	LS	5	35	-30	\$400.00 \$	2,000	\$ 2,124
ATC	EXTERIOR-ALL ELEVATIONS	BE004	RE-CAULK BLDG CONTROL JOINTS	MMM16	1989	500	LF	5	35	-30	\$10.00 \$	5,000	\$ 5,309
ATC	EXTERIOR-ALL ELEVATIONS	BE005	RE-CAULK BLDG CONTROL JOINTS	MMM16	1989	50	LF	5	35	-30	\$10.00 \$	500	\$ 531
ATC	EXTERIOR-SOUTH ELEVATIONS	BE006	REPAINT EXT CMU WALLS, DE-ICEING SALTS SPALLING CMU AT BASE	MMM16	1989	900	SF	5	35	-30	\$30.00 \$	27,000	\$ 28,671
ATC	EXTERIOR-SOUTH ELEVATIONS	BE007	PAINT EXT HM DOORS AND FRAMES	MMM16	1989	5	LS	5	35	-30	\$400.00 \$	2,000	
ATC	EXTERIOR-SOUTH ELEVATIONS	BE008	PAINT EXT HM DOORS AND FRAMES	MMM16	1989	5	LS	5	35	-30	\$400.00 \$	2,000	\$ 2,124
ATC	EXTERIOR-EAST ELEVATION	BE009	REPAINT EXT CMU WALLS, DE-ICEING SALTS SPALLING CMU AT BASE	MMM16	1989	900	SF	5	35	-30	\$30.00 \$	27,000	\$ 28,671
ATC	EXTERIOR-EAST ELEVATIONS	BE010	PAINT EXT HM DOORS AND FRAMES	MMM16	1989	5	LS	5	35	-30	\$400.00 \$	2,000	\$ 2,124
ATC	EXTERIOR-ROOF	BE011	REMOVE TREE VEGETATION ON ROOF	GGG11	2014	1	LS	1	10	-9	\$500.00 \$	500	
ATC	EXTERIOR-ROOF	BE012	REMOVE TREE VEGETATION ON ROOF	GGG11	2014	1	LS	5	10	-5	\$500.00 \$	500	\$ 531
ATC	EXTERIOR-ROOF	BE013	MAINTAIN FLASHINGS AND PIPE SUPPORTS ON ROOF, CONDENSATE DRAINS	MMM16	1989	1	LS	5	35	-30	\$1,500.00 \$	1,500	\$ 1,593
ATC	EXTERIOR-ROOF	BE014	MAINTAIN FLASHINGS AND PIPE SUPPORTS ON ROOF, CONDENSATE DRAINS	MMM16	1989	1	LS	5	35	-30	\$15,000.00 \$	15,000	\$ 15,928
ATC	EXTERIOR-SOFFITS	, ,	RUSTING, AND NEEDS TO BE REPAINTED	MMM16	1989	720	SF	2	35	-33	\$5.00 \$	3,600	\$ 3,823
			BUILDING INTERIOR (DCM Consulting for co	nceptual construction	n cost estimating with qu	otations from	3rd Party Sources	)					\$ 8,867
ATC	10		REPLACE MISSING, BROKE, DAMAGED, STAINED, AC CEILING PANELS - REPAIR WALL FROM ABANDONED ELEC BOXES	Y04	1989	6	EA	2	35	-33	\$50.00 \$	300	\$ 319
ATC	13	BI002	SEAL BACKSPLASH TO COUNTER	X03	2012	1	LS	2	12	-10	\$75.00 \$	75	\$ 80
ATC	15	BI003	SEAL BACKSPLASH TO COUNTER	X03	2012	1	LS	2	12	-10	\$75.00 \$	75	\$ 80
ATC	103	BI004	REPAIR BASE CABINET FROM WATER LEAK	630	2012	1	LS	2	12	-10	\$750.00 \$	750	\$ 796
ATC	104	BI005, BI005A	REPLACE SAGGING, BROKE, DAMAGED, STAINED, AC CEILING PANELS	110	2012	10	EA	2	12	-10	\$50.00 \$	500	\$ 531
ATC	105	BI006, BI006A, BI006B	REPLACE SAGGING, BROKE, DAMAGED, STAINED, AC CEILING PANELS	110	2012	10	EA	2	12	-10	\$50.00 \$	500	\$ 531
ATC	110	BI007	REGULAR MAINTENANCE IS REQUIRED FOR THE TRAINING MAZE	550	2010	1	LS	5	14	-9	\$5,000.00 \$	5,000	\$ 5,309

					YEAR ITEM								SCHEDULED
	ROOM/				WAS PUT			AVG	TIME		ITEM		MAINTENANCE PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
ATC	140 500	BI008 BI009	SEAL CONC CONTROL JOINT AT EXT DOOR REPLACE DAMAGED AC CEILING PANELS	550 350	1989 2012	6	LS EA	2	35 12	-33	\$150.00 \$ \$50.00 \$	150	\$ 159 \$ 319
ATC	508	BI010	REPLACE DAMAGED AC CEILING PANELS	310	2012	6	EA	2	12	-10	\$50.00 \$	300	
ATC	1002	BI011	REPAIR CRACK IN EPOXY FLOOR AT EXT DOOR	W06	2012	1	LS	2	12	-10	\$400.00 \$	400	\$ 425
			PLUMBING SYSTEMS (May be packaged wit	th BI item scope, DCM	Consulting for conceptu	l ial construction	cost estimating v	l vith quotations	from 3rd Party Sources)				\$ 16,453
			DOMESTIC WATER PIPING NEEDS TO BE										
ATC	14	PS001	INSULATED OFF THE WATER HEATER,	UUU24	2012	10	LF	15	12	3	\$50.00 \$	500	\$ 531
			WATER HEATER LOOKS NEW BUT ALREADY SHOWS SIGNS OF PHYSICAL DAMAGE	00024	2012						722.22		,
ATC	INTERIOR-BUILDING WIDE	PS002	DUCT CLEANING	UUU25	2010	23,068	SE	10	14	-4	\$0.65 \$	14.994	\$ 15,922
7110	WENON BOLDING WIDE	1 3002	MECHANICAL SYSTEMS (May be packaged v						ns from 3rd Party Sources)		\$0.03	24/554	\$ 451,196
			IT ROOM IS RUNNING HOT. LOW OCCUPANCY AND ROOM IS AVERAGE										
			TEMPERATURE 88 DEGREES.										
ATC	10	MS001	THE AU UNIT IS NOT RUNNING BUT	Y04	2012	1	EA	15	12	3	\$2,500.00 \$	2,500	\$ 2,655
			DISPLAYING ACTIVE, BUT FEEL NO AIR.										
			NEED A MINI-SPLIT TO BE INSTALLED. ROOM IS WARM AVERAGE TEMP IS 78										
			DEGREES F. A LOT OF MICROWAVE AND COOLERS AND										
ATC	103	MS002	NO ROOM STAT.	630	2012	1	EA	15	12	3	\$2,500.00 \$	2,500	\$ 2,655
			ALSO, A LITTLE LOUD AVERAGING DB 74.										
			EXHAUST OUT OF THE ROOM IS										
			RECOMMENDED ROOM IN OCCUPIED SCHEDULE WITH NO										
			PEOPLE IS 76 DEGREES, THE ROOM IS RUNNING WARM IN COOLING SEASON. 2										
ATC	105	MS003	TEMPERATURE SENSORS AND 2	110	2012	2	EA	10	12	-2	\$1,000.00 \$	2,000	\$ 2,124
			THERMOSTAT ONE OF EACH ON EACH										
			SIDE. REMOVE THE ABANDONED SENSORS/THERMOSTATS										
ATC	118	MS004	TEMPERATURE SENSOR PULLING FROM THE	110	2012	1	EA	10	12	-2	\$150.00 \$	150	\$ 159
			EXISTING UNIT H&V ONLY IS PASSED LIFE		-								
			EXPECTANCY. UNIT IS OUTDATED AND										
ATC	140	MS005	PARTS WILL BE HARD TO FIND. AVERAGE TEMPERATURE AFTERCLASS WAS IN	550	2010	1	EA	20	14	6	\$8,000.00	8,000	\$ 8,495
			SESSION IS 78 F.										
			ROOM IS WARM WITH AC, AVERAGE TEMPERATURE IS 78 F. REBALANCE AIR										
ATC	500	MS006	DISTURBUTION TO INCREASE COOLING	350	2012	1	EA	15	12	3	\$750.00 \$	750	\$ 796
			SUPPLY. CABINET UNIT HEATER REPLACEMENT,										
ATC	1004	MS007	VAV/CAV BOX	W06	2010	1	EA	15	14	1	\$4,000.00 \$	4,000	\$ 4,248
$\square$			MAINTENANCE/REPLACEMENTS MAIN JCI ROOFTOP UNIT CONDENSER,										
			MAIN JCI ROOFTOP UNIT CONDENSER, MAIN JCI ROOFTOP UNIT, SPLIT-SYSTEM DX										
ATC	EXTERIOR-ROOF	MS008	A/C UNIT REPLACEMENT, PACKAGED SMALL	SSS08	2010	9	EA	20	14	6	\$45,000.00 \$	405,000	\$ 430,065
71.0	EXTERIOR ROOF	IVISOOO	ROOFTOP AIR HANDLING UNIT	33300	2010	,	2,1	20		Ů	\$15,000.00 ¢	403,000	4,30,003
			REPLACEMENTS, EXHAUST AIR FAN MAINTENANCE/REPLACEMENT										
			<b>ELECTRICAL SYSTEMS (May be packaged wit</b>	th BI item scope. DCN	1 Consulting for concept	ual constructio	n cost estimating	with quotation	s from 3rd Party Sources)				\$ 322,283
ATC	10	ES001	REPLACE STORAGE AND UTILITY ROOM LIGHTING	Y04	2010	1	EA	20	14	6	\$250.00 \$	250	\$ 265
ATC	11	ES002	LIGHTING AND RECPTACLE PANELBOARDS	X01	1989	1	EA	20	35	-15	\$5,000.00 \$	5,000	\$ 5,309
ATC	11	ES003	REPLACE STORAGE AND UTILITY ROOM	X01	2010	1	EA	20	14	6	\$250.00 \$	250	\$ 265
ATC	12	ES004	REPLACE STORAGE AND UTILITY ROOM	780	2010	1	EA	20	14	6	\$250.00 \$	250	\$ 265
ATC	13	ES005	REPLACE MENS & WOMENS TOILET ROOM	X03	2012	5	EA	20	12	8	\$250.00 \$		\$ 1,327
ATC	138	ES006	LIGHTING REPLACE WOMENS SHOWER ROOM			5	EA	20	12	8	\$250.00 \$		
AIC	138	ESUUB	LIGHTING	555	2012	5	ŁA	20	12	8	\$250.00 \$	1,250	\$ 1,327

					YEAR ITEM								SCHEDULED MAINTENANCE
	ROOM/				WAS PUT			AVG	TIME		ITEM		PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
ATC	13C	ES007	REPLACE WOMENS LOCKER ROOM	555	2012	2	EA	20	12	8	\$250.00 \$	500	\$ 531
ATC	13D	ES008	REPLACE WOMENS LOCKER ROOM	555	2012	1	EA	20	12	8	\$250.00 \$	250	\$ 265
ATC	14	ES009	REPLACE STORAGE AND UTILITY ROOM	780	2010	1	EA	20	12	8	\$250.00 \$	250	\$ 265
ATC			LIGHTING								1	1.000	
AIC	15	ES010	REPLACE MENS TOILET ROOM LIGHTING	X03	2012	4	EA	20	12	8	\$250.00 \$	1,000	\$ 1,062
ATC	15A	ES011	REPLACE MENS SHOWER ROOM LIGHTING	555	2012	1	EA	20	12	8	\$250.00 \$	250	\$ 265
ATC	15B	ES012	REPLACE MENS SHOWER ROOM LIGHTING	555	2012	6	EA	20	12	8	\$250.00 \$	1,500	\$ 1,593
ATC	15C	ES013	REPLACE MENS LOCKER ROOM LIGHTING	555	2012	4	EA	20	12	8	\$250.00 \$	1,000	\$ 1,062
ATC	15D	ES014	REPLACE MENS & WOMENS LOCKER ROOM LIGHTING	555	2012	2	EA	20	12	8	\$250.00 \$	500	\$ 531
ATC	16	ES015	REPLACE FLOUOR. LIGHTING - UTILITY (WATER SERVICE) ROOM	Y04	2012	5	EA	20	12	8	\$250.00 \$	1,250	\$ 1,327
ATC	17	ES016	UPDATE MAIN SWITCHBOARD	Y04	1989	1	EA	20	35	-15	\$25,000.00 \$	25.000	\$ 26,547
ATC	17	ES017	UPDATE ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	1989	1	EA	20	35	-15	\$25,000.00 \$	25,000	\$ 26,547
ATC	17	ES018	REPLACE LIGHTING AND RECEPTACLE	Y04	1989	2	EA	20	35	-15	\$5,000.00 \$	10,000	\$ 10,619
ATC	110	ES019	PANELBOARDS REPLACE TRAINING MAZE HIGH BAY FLUOR.	550	2010	8	EA	20	14	6	\$250.00 \$	2,000	\$ 2,124
ATC	112	ES020	CHAIN HUNG LIGHTING REPLACE STORAGE AND UTILITY ROOM	550	2012	2	EA	20	12	8	\$250.00 \$		\$ 531
ATC	115	ES021	LIGHTING REPLACE CLASSROOM LIGHTING	550	2012	9	EA	20	12	8	\$250.00 \$		
ATC	115A	ES022	REPLACE STORAGE AND UTILITY ROOM LIGHTING	555	2012	1	EA	20	12	8	\$250.00 \$	250	\$ 265
ATC	118	ES023	REPLACE WEIGHT ROOM LIGHTING	110	2012	6	EA	20	12	8	\$250.00 \$	1,500	\$ 1,593
ATC	120	ES024	REPLACE BREAK ROOM LIGHTING	630	2012	2	EA	20	12	8	\$250.00 \$	500	
ATC	140	ES025	EXIT LIGHTING	550	2010	2	EA	20	14	6	\$250.00 \$	500	
ATC	140	ES026	REPLACE HIGH BAY FLUOR. CHAIN HUNG LIGHTING	550	2010	13	EA	20	14	6	\$250.00 \$	3,250	\$ 3,451
ATC	140	ES027	REPLACE / ADD ADDITIONAL WALL MOUNTED EBU (NOTE CODE COPLIANT)	550	2010	3	EA	20	14	6	\$250.00 \$	750	\$ 796
ATC	501	ES028	EXIT LIGHTING	310	2012	1	EA	20	12	8	\$250.00 \$	250	\$ 265
ATC	501	ES029	REPLACE OFFICE LIGHTING	310	2012	3	EA	20	12	8	\$250.00 \$	750	
ATC	502	ES030	REPLACE OFFICE LIGHTING	310	2012	1	EA	20	12	8	\$250.00 \$	250	
ATC	503	ES031	REPLACE OFFICE LIGHTING	310	2012	1	EA	20	12	8	\$250.00 \$	250	
ATC	504	ES032	REPLACE OFFICE LIGHTING	310	2012	1	EA	20	12	8	\$250.00 \$		\$ 265
ATC	505	ES033	REPLACE OFFICE LIGHTING	310	2012	1	EA	20	12	8	\$250.00 \$		
ATC	506	ES034	REPLACE OFFICE LIGHTING	310	2012	1	EA	20	12	8	\$250.00 \$	250	
ATC	507	ES035	REPLACE OFFICE LIGHTING	310	2012	2	EA	20	12	8	\$250.00 \$	500	\$ 531
ATC	508	ES036	EXIT LIGHTING	310	2012	2	EA	20	12	8	\$250.00 \$	500	\$ 531
ATC	508	ES037	REPLACE OFFICE LIGHTING	310	2012	6	EA	20	12	8	\$250.00 \$	1,500	\$ 1,593
ATC	1001	ES038	REPLACE EBU'S INTEGRALL TO GENERAL AREA LIGHTING FIXTURES	W06	2012	1	EA	20	12	8	\$250.00 \$	250	\$ 265
ATC	1001	ES039	EXIT LIGHTING	W06	2012	1	EA	20	12	8	\$250.00 \$	250	\$ 265
ATC	1002	ES040	EXIT LIGHTING	W06	2012	2	EA	20	12	8	\$250.00 \$	500	\$ 531
ATC	1002	ES041	REPLACE EBU'S INTEGRALL TO GENERAL AREA LIGHTING FIXTURES	W06	2012	1	EA	20	12	8	\$250.00 \$	250	\$ 265
ATC	1002	ES042	REPLACE FLOUOR. CORRIDOR LIGHTING	W06	2012	3	EA	20	12	8	\$250.00 \$	,,,,	\$ 796
ATC	1004	ES043	EXIT LIGHTING	W06	2012	1	EA	20	12	8	\$250.00 \$	250	\$ 265
ATC	1004	ES044	REPLACE EBU'S INTEGRALL TO GENERAL AREA LIGHTING FIXTURES	W06	2012	1	EA	20	12	8	\$250.00 \$	250	\$ 265
ATC	EXTERIOR	ES045	REPLACE EXTERIOR BUILDING LIGHTING	UUU10	2012	13	EA	20	12	8	\$15,000.00 \$	195,000	\$ 207,068
ATC	EXTERIOR-POLE MOUNTED	ES046	BUILDING SERVICE TRANSFORMER (DTE)	UUU03	1989	1	LS	20	35	-15	\$15,000.00 \$	15,000	
			BUILDING SYSTEMS (Fire, security, IT/media			ial construction	cost estimating v	with quotations	from 3rd Party Sources)				\$ 229,831
ATC	17	BS001	FIRE ALARM SYSTEM MAIN & REMOTE PANELS (MEET CODE)	Y04	2012	1	LS	20	12	8	\$106,436.00 \$	106,436	\$ 113,023
ATC	INTERIOR-BUILDING WIDE	BS002	IT SYSTEM (COST TBD)	UUU14	2012	1	LS	20	12	8	\$25,000.00 \$	25,000	\$ 26,547
ATC	INTERIOR-BUILDING WIDE	BS003	FIRE ALARM DEVICES (MEET CODE)	UUU07	2012	1	LS	20	12	8	\$50,000.00 \$	50,000	\$ 53,094
ATC	INTERIOR-BUILDING WIDE	BS004	PRIMAX CLOCK SYSTEM	UUU25	2012	1	LS	20	12	8	\$35,000.00 \$	35,000	\$ 37,166

													SCHEDULED
					YEAR ITEM								MAINTENANCE
	ROOM/				WAS PUT			AVG	TIME		ITEM		PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
			SPECIALTY EQUIPMENT (Food service, theat	tre, labs, shops. DC	M Consulting for conceptu	al construction	cost estimating	with quotations	from 3rd Party Sources)				\$ -
ATC										0	\$0.00 \$		- \$ -
			ACCESSIBILITY IMPROVEMENTS (Building co	des & ADA standar	rds for accessible design. D	CM Consulting	for conceptual co	onstruction cost	estimating with quotations for	rom 3rd Party So	ırces)		\$ -
ATC										0	\$0.00 \$		- \$ -
										ANNUA	L FUNDING REQUI	REMENTS (ROUNDE	): \$ 1,127,226



5

17

\$15.00 \$

600 \$

637

300

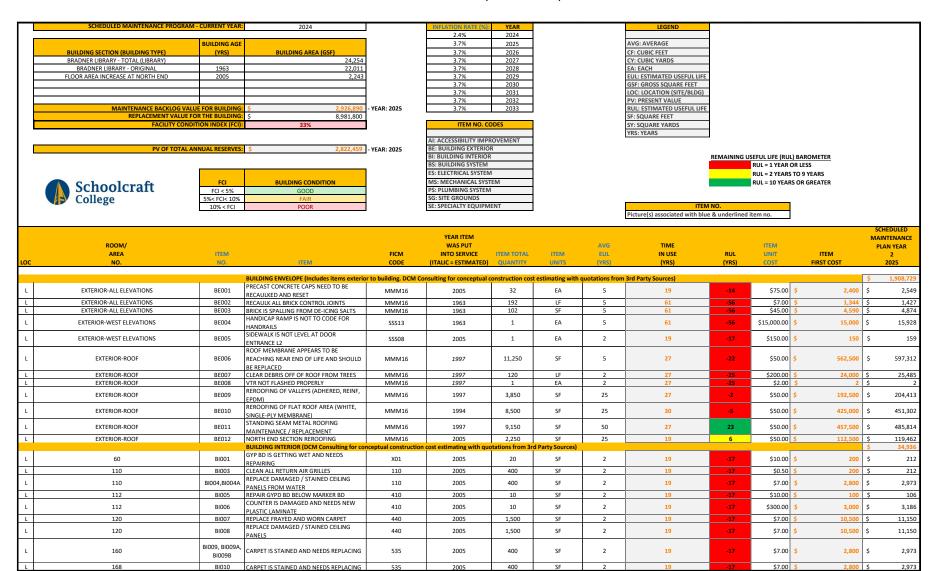
EFFLORENCENCE AT BASE CMU-CLEAN CMU

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 2 2025
втс			PLUMBING SYSTEMS (May be packaged with							0	\$0.00	\$ -	\$ -
1		1	MECHANICAL SYSTEMS (May be packaged w CHILLER	ith BI item scope. DC	M Consulting for concept	tual constructio	n cost estimating t	with quotations	from 3rd Party Sources)				\$ 328,654
втс	20	MS001	MAINTENANCE/REPLACEMENT/INDOOR UNIT	Y04	2007	1	EA	20	17	3	\$75,000.00	\$ 75,000	\$ 79,642
втс	20	MS002	AIR COOL CONDENSER NEEDS MAINTENANCE AND CLEANING	Y04	2007	1	EA	20	17	3	\$5,000.00	\$ 5,000	\$ 5,309
втс	25	MS003	VAV BOX MAINTENANCE/REPLACEMENTS	Y04	2007	1	EA	20	17	3	\$10,000.00	\$ 10,000	\$ 10,619
втс	30	MS004	REPLACE TOILET ROOM EXHAUST FAN EF-1	X01	2007	1	EA	15	17	-2	\$1,500.00	\$ 1,500	\$ 1,593
втс	30	MS005	AIR HANDLING UNIT REPLACEMENTS AH-1	X01	2007	1	EA	20	17	3	\$75,000.00	\$ 75,000	\$ 79,642
втс	210	MS006	LABORATORY EXHAUST FAN MAINTENANCE/REPLACEMENTS	210	2007	1	EA	20	17	3	\$35,000.00	\$ 35,000	\$ 37,166
втс	210	MS007	LABORATORY AIRFLOW TERMINAL UNIT MAINTENANCE/REPLACEMENTS	210	2007	1	EA	20	17	3	\$35,000.00	\$ 35,000	\$ 37,166
втс	215	MS008	LABORATORY AIRFLOW TERMINAL UNIT MAINTENANCE/REPLACEMENTS	110	2007	1	EA	20	17	3	\$35,000.00	\$ 35,000	\$ 37,166
втс	300	MS010	CO2 AND HUMIDITY SENSOR FACE PLATE IS DAMAGE AND IS HELD ON WITH TAPE	110	2007	1	EA	3	17	-14	\$500.00	\$ 500	\$ 531
BTC	EXTERIOR-ROOF	MS011	WEATHER CAPS ON BOILER STACKS	UUU22	2008	2	EA	40	16	24	\$750.00	\$ 1,500	
BTC	INTERIOR-BUILDING WIDE	MS012	DUCT CLEANING	UUU25	2007	40,000	SF	5	17	-12	\$0.50		, , , , ,
BTC	INTERIOR-BUILDING WIDE	MS013	VAV BOX MAINTENANCE/REPLACEMENTS  ELECTRICAL SYSTEMS (May be packaged with	UUU25	2007	2	EA	15	17 rom 3rd Party Sources)	-2	\$8,000.00	\$ 16,000	\$ 16,990 \$ 1,350,509
BTC	10	ES001	REPLACE MECHANICAL, ELECTRICAL ROOM	Y04	2007	4	EA	20	17	3	\$250.00	\$ 1,000	\$ 1,062
втс	11	ES002	FLUOR. LIGHTING REPLACE CUSTODIAL ROOM FLUOR.	X01	2007	2	EA	20	17	3	\$250.00	<u> </u>	\$ 531
втс	12	ES003	REPLACE RECESSED LINIEAL TOILET ROOM	X03	2007	36	EA	20	17	3	\$250.00		\$ 9,557
втс	13	ES004	LIGHTING REPLACE RECESSED LINIEAL TOILET ROOM	X03	2007	36	EA	20	17	3	\$250.00		\$ 9,557
BTC	20	ES005	LIGHTING ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	2007	1	EA	20	17	3	\$25,000.00	\$ 25.000	\$ 26,547
втс	20	ES006	LIGHTING AND RECEPTACLE PANELBOARDS	Y04	2007	1	EA	20	17	3	\$5,000.00	\$ 5,000	\$ 5,309
втс	20	ES007	REPLACE MECHANICAL, ELECTRICAL ROOM FLUOR. LIGHTING	Y04	2007	4	EA	20	17	3	\$250.00	\$ 1,000	\$ 1,062
BTC	22	ES008	ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	2007	1	EA	20	17	3	\$25,000.00	\$ 25,000	\$ 26,547
втс	22	ES009	REPLACE MECHANICAL, ELECTRICAL ROOM FLUOR. LIGHTING	Y04	2007	4	EA	20	17	3	\$250.00	\$ 1,000	\$ 1,062
втс	23	ES010	REPLACE MECHANICAL, ELECTRICAL ROOM FLUOR. LIGHTING	Y04	2007	4	EA	20	17	3	\$250.00		\$ 1,062
BTC	24 24	ES011 ES012	MAIN SWITCHBOARD ELECTRICAL DISTRIBUTION EQUIPMENT	Y04 Y04	2007 2007	1	EA EA	20	17 17	3	\$25,000.00	\$ 25,000 \$ 25,000	
BTC	24	ES012	LIGHTING AND RECEPTACLE PANELBOARDS	Y04	2007	1	EA	20	17	3	\$5,000.00	, ,,,,,	\$ 5,309
втс	24	ES014	REPLACE MECHANICAL, ELECTRICAL ROOM FLUOR. LIGHTING	Y04	2007	4	EA	20	17	3	\$250.00	\$ 1,000	\$ 1,062
втс	25	ES015	LIFE SAFETY AUTOMATIC TRANSFER SWITCH (ATS-E)	Y04	2007	1	EA	20	17	3	\$10,000.00	\$ 10,000	\$ 10,619
втс	25	ES016	STANDBY POWER SYSTEMS AUTOMATIC TRANSFER SWITCH (ATS-NE)	Y04	2007	1	EA	20	17	3	\$10,000.00	\$ 10,000	\$ 10,619
BTC	25	ES017	ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	2007	1	EA	20	17	3	\$25,000.00	\$ 25,000	\$ 26,547
втс	25	ES018	LIGHTING AND RECEPTACLE PANELBOARDS	Y04	2007	1	EA	20	17	3	\$5,000.00	\$ 5,000	\$ 5,309
втс	25	ES019	REPLACE MECHANICAL, ELECTRICAL ROOM FLUOR. LIGHTING	Y04	2007	4	EA	20	17	3	\$250.00	\$ 1,000	\$ 1,062
втс	26	ES020	REPLACE CUSTODIAL ROOM FLUOR. LIGHTING	115	2007	2	EA	20	17	3	\$250.00	\$ 500	\$ 531
втс	30	ES021	REPLACE CUSTODIAL ROOM FLUOR. LIGHTING	X01	2007	2	EA	20	17	3	\$250.00	\$ 500	\$ 531
втс	31	ES022	REPLACE MECHANICAL, ELECTRICAL ROOM FLUOR. LIGHTING	Y04	2007	4	EA	20	17	3	\$250.00		\$ 1,062
BTC	32	ES023	ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	2007	1	EA	20	17	3	\$25,000.00	\$ 25,000	\$ 26,547

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
	AREA NO.	ITEM NO.	ITEM	FICM CODE	INTO SERVICE	OUANTITY	ITEM	EUL (YRS)	IN USE	RUL	UNIT	ITEM FIRST COST	2
BTC	NO. 32	ES024	LIGHTING AND RECEPTACLE PANELBOARDS	Y04	(ITALIC = ESTIMATED) 2007	1	UNITS EA	20	(YRS) 17	(YRS)	\$5,000.00		<b>2025</b> \$ 5,309
втс	32	ES025	REPLACE MECHANICAL, ELECTRICAL ROOM	Y04	2007	4	EA	20	17	3	\$250.00		\$ 1,062
втс	33	ES026	FLUOR. LIGHTING REPLACE RECESSED LINIEAL TOILET ROOM	X03	2007	36	EA	20	17	3	\$250.00		\$ 9,557
втс	34	ES027	LIGHTING REPLACE RECESSED LINIEAL TOILET ROOM	X03	2007	36	EA	20	17	3	\$250.00		\$ 9,557
H	-		LIGHTING REPLACE FLEX AREA RECESSED FLUOR.								-		
BTC	42	ES028	DOWN LIGHTING REPLACE DIR/INDIR FLUOR. CLASSROOM	W05	2007	8	EA	20	17	3	\$250.00		\$ 2,124
BTC	100 110	ES029 ES030	LIGHTING REPLACE TEAM ROOM FLUOR, LIGHTING	110 780	2007	15 4	EA EA	20	17 17	3	\$250.00 \$250.00	\$ 3,750 \$ 1,000	\$ 3,982 \$ 1,062
втс	120	ES031	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	220	2007	15	EA	20	17	3	\$250.00	-,	\$ 3,982
втс	135	ES032	REPLACE DIR/INDIR FLUOR. CLASSROOM	210	2007	24	EA	20	17	3	\$250.00	\$ 6,000	\$ 6,371
BTC	135A	ES033	LIGHTING REPLACE PREP ROOM FLOUR. LIGHTING	215	2007	3	EA	20	17	3	\$25,000,00	\$ 75.000	\$ 79.642
BTC	135B	ES034	REPLACE CADAVER ROOM FLOUR. LIGHTING	215	2007	3	EA	20	17	3	\$25,000.00		\$ 79,642
BTC	140	ES035	REPLACE PREP ROOM FLOUR. LIGHTING	220	2007	2	EA	20	17	3	\$400.00	\$ 800	\$ 850
втс	145	ES036	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	110	2007	18	EA	20	17	3	\$250.00	\$ 4,500	\$ 4,778
втс	155	ES038	REPLACE FLEX AREA DIR/INDIR FLUOR. LIGHTING	615	2007	14	EA	20	17	3	\$250.00	\$ 3,500	\$ 3,717
втс	155	ES039	REPLACE FLEX AREA DECORATIVE PENDANT HUNG FLUOR. LIGHTING	615	2007	9	EA	20	17	3	\$250.00	\$ 2,250	\$ 2,389
втс	160	ES040	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	110	2007	18	EA	20	17	3	\$250.00	\$ 4,500	\$ 4,778
втс	165	ES041	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	110	2007	18	EA	20	17	3	\$250.00	\$ 4,500	\$ 4,778
BTC	167	ES042	REPLACE PREP ROOM FLOUR. LIGHTING	410	2007	1	EA	20	17	3	\$250.00	\$ 250	
BTC	169	ES043	REPLACE PREP ROOM FLOUR. LIGHTING	410	2007	1	EA	20	17	3	\$250.00	\$ 250	\$ 265
BTC	170	ES044	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	110	2007	18	EA	20	17	3	\$250.00		\$ 4,778
BTC	171	ES045	REPLACE PREP ROOM FLOUR. LIGHTING	410	2007	1	EA	20	17	3	\$5,000.00	\$ 5,000	\$ 5,309
BTC	175	ES046	REPLACE DIR/INDIR FLUOR. CLASS ROOM LIGHTING	210	2007	24	EA	20	17	3	\$250.00		\$ 6,371
BTC	175A	ES047	REPLACE PREP ROOM FLOUR. LIGHTING	215	2007	3	EA	20	17	3	\$250.00	\$ 750	\$ 796
BTC	200	ES048	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	110	2007	18	EA	20	17	3	\$250.00	\$ 4,500	\$ 4,778
BTC	210	ES049	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	210	2007	32	EA	20	17	3	\$250.00	\$ 8,000	\$ 8,495
BTC	210A	ES050	REPLACE DIR/INDIR FLUOR. PREP ROOM LIGHTING	215	2007	6	EA	20	17	3	\$250.00	\$ 1,500	\$ 1,593
втс	300	ES051	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	110	2007	18	EA	20	17	3	\$250.00	\$ 4,500	\$ 4,778
втс	310	ES052	REPLACE FLEX AREA DIR/INDIR FLUOR. LIGHTING	650	2007	15	EA	20	17	3	\$250.00	\$ 3,750	\$ 3,982
втс	310	ES053	REPLACE FLEX AREA DECORATIVE PENDANT HUNG FLUOR. LIGHTING	650	2007	11	EA	20	17	3	\$250.00	\$ 2,750	\$ 2,920
втс	320	ES054	REPLACE DIR/INDIR FLUOR. CLASSROOM LIGHTING	110	2007	18	EA	20	17	3	\$250.00	\$ 4,500	\$ 4,778
BTC	330	ES055	REPLACE PREP ROOM FLOUR. LIGHTING	410	2007	2	EA	20	17	3	\$5,000.00	\$ 10,000	
BTC	332	ES056	REPLACE PREP ROOM FLOUR. LIGHTING	410	2007	1	EA	20	17	3	\$5,000.00	\$ 5,000	
BTC	334	ES057	REPLACE PREP ROOM FLOUR. LIGHTING	410	2007	1	EA	20	17	3	\$25,000.00	\$ 25,000	
BTC	336 340	ES058 ES059	REPLACE PREP ROOM FLOUR. LIGHTING REPLACE PREP ROOM FLOUR. LIGHTING	410 410	2007	2	EA EA	20 20	17 17	3	\$25,000.00	\$ 25,000 \$ 50,000	
BTC	350	ES059	REPLACE DIR/INDIR FLUOR. CLASSROOM	110	2007	18	EA EA	20	17	3	\$25,000.00		\$ 53,094 \$ 4,778
втс	360	ES061	REPLACE FLEX AREA DIR/INDIR FLUOR.	650	2007	15	EA	20	17	3	\$250.00	\$ 3,750	\$ 3,982
втс	360	ES062	LIGHTING REPLACE FLEX AREA DECORATIVE PENDANT	650	2007	9	EA	20	17	3	\$250.00		\$ 2,389
втс	370	ES063	HUNG FLUOR. LIGHTING REPLACE DIR/INDIR FLUOR. CLASSROOM	110	2007	18	EA	20	17	3	\$250.00		\$ 4,778
втс	380	ES064	LIGHTING REPLACE DIR/INDIR FLUOR. CLASSROOM	210	2007	24	EA	20	17	3	\$250.00		\$ 6,371
تت			LIGHTING				= :				7222.00	. 5,000	. 5,5,1

	ROOM/ AREA	ITEM		FICM	YEAR ITEM WAS PUT INTO SERVICE	ITEM TOTAL	ITEM	AVG EUL	TIME IN USE	RUL	ITEM UNIT	ITEM	SCHEDULED MAINTENANCE PLAN YEAR 2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
BTC	380A	ES065	REPLACE PREP ROOM FLOUR. LIGHTING	215	2007	3	EA	20	17	3	\$250.00 \$	750	
BTC	390	ES066	REPLACE PREP ROOM FLOUR. LIGHTING	410	2007	2	EA	20	17	3	\$250.00 \$	500	\$ 531
втс	500	ES067	RELACE DIR/INDIR OFFICE AREA FLUOR. LIGHTING	310	2007	61	EA	20	17	3	\$250.00 \$	15,250	\$ 16,194
втс	1000	ES068	RELACE CORRIDOR LAYIN FLUOR LIGHTING	W06	2007	8	EA	20	17	3	\$250.00 \$	2,000	\$ 2,124
втс	2000	ES069	REPLACE QUARTZ INDIRECT CORRIDOR LIGHTING	W06	2007	13	EA	20	17	3	\$250.00 \$	3,250	\$ 3,451
втс	2000	ES070	REPLACE QUARTZ TRACK LIGHTING FIXTURES	W06	2007	16	EA	20	17	3	\$250.00 \$	4,000	\$ 4,248
втс	2000	ES071	REPLACE RECESSED FLUOR. DOWN LIGHTING FIXTURES	W06	2007	8	EA	20	17	3	\$250.00 \$	2,000	\$ 2,124
BTC	2000	ES072	ADD DAYLIGHT HARVESTING SENSORS	W06	2007	2,300	SF	20	17	3	\$250.00 \$	575,000	\$ 610,586
втс	3000	ES073	REPLACE CATHERING AREA AND CORR. FLUOR. LIGHTING	W06	2007	16	SF	20	17	3	\$250.00 \$	4,000	\$ 4,248
втс	3001	ES074	REPLACE CORRIDOR LAYIN FLUOR LIGHTING	W06	2007	15	EA	20	17	3	\$250.00 \$	3,750	\$ 3,982
втс	EXTERIOR	ES075, ES075A ES075B	" EXTERIOR BUILDING LIGHTING	UUU04	2007	20	EA	20	17	3	\$250.00 \$	5,000	\$ 5,309
BTC	EXTERIOR	ES076	SERVICE TRANSFORMER	UUU04	2007	1	EA	20	17	3	\$15,000.00 \$	15,000	
BTC	EXTERIOR	ES077	STANDBY GENERATOR	UUU04	2007	1	EA	20	17	3	\$30,000.00 \$	30,000	
BTC	INTERIOR-BUILDING WIDE	ES078	EXIT LIGHTING	UUU04	2007	20	EA	20	17	3	\$250.00 \$	5,000	\$ 5,309
втс	INTERIOR-BUILDING WIDE	ES079	REPLACE FLUOR. LOBBY / VESTIBULE LIGHTING	UUU04	2007	8	EA	20	17	3	\$250.00 \$	2,000	
		1	BUILDING SYSTEMS (Fire, security, IT/media i										\$ 113,091
BTC	10	BS001	IT SYSTEMS	Y04	2007	1	EA	20	17	3	\$12,000.00 \$	12,000	
BTC	23	BS002	BOILER ROOM EPO SYSTEM	Y04	2007	1	EA	20	17	3	\$7,500.00 \$	7,500	
BTC	31 INTERIOR-BUILDING WIDE	BS003	IT SYSTEMS	Y04	2007	1	EA EA	20	17 17	3	\$12,000.00 \$ \$75,000.00 \$	12,000 75,000	
BIC	INTERIOR-BUILDING WIDE	BS004	PRIMAX CLOCK SYSTEM  SPECIALTY EQUIPMENT (Food service, theatre	UUU25	2007	l construction o				3	\$   00.000,00	75,000	\$ 79,642
втс		1	FOOD SERVICE, THEATTE	e, iaus, siiops. DCIVI		l	ost estimating wil	l	in siu raity sources)	0	\$0.00 \$		\$ -
DIC		1	ACCESSIBILITY IMPROVEMENTS (Building cod	oc & ADA ctandarde	I for accessible design DC	I M Consulting fo	r concentual con	struction cost of	timating with quotations from 3r	d Party Sources			\$ 398
втс	INTERIOR	AI001	DISPLAY CASE IMPROVEMENTS	W06	2012	15	LF	20	12	8	\$25.00 \$	375	
510	INTERIOR	AIUU1	DISI ENT CASE INTROVENIENTS	WUU	2012	15	-	- 20	**		ÿ23.00 Ş	3/3	\$ 1.870.882
_													7 1,070,002

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

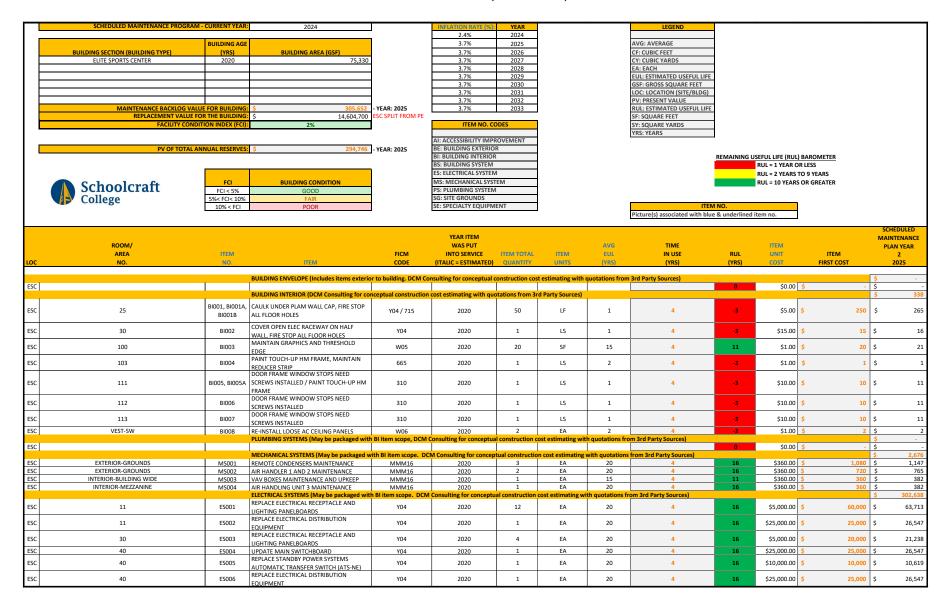


## SCHOOLCRAFT COLLEGE; BRADNER LIBRARY - SCHEDULED MAINTENANCE PROGRAM 10-YEAR MASTER PLAN (YEARS 2024 - 2033)

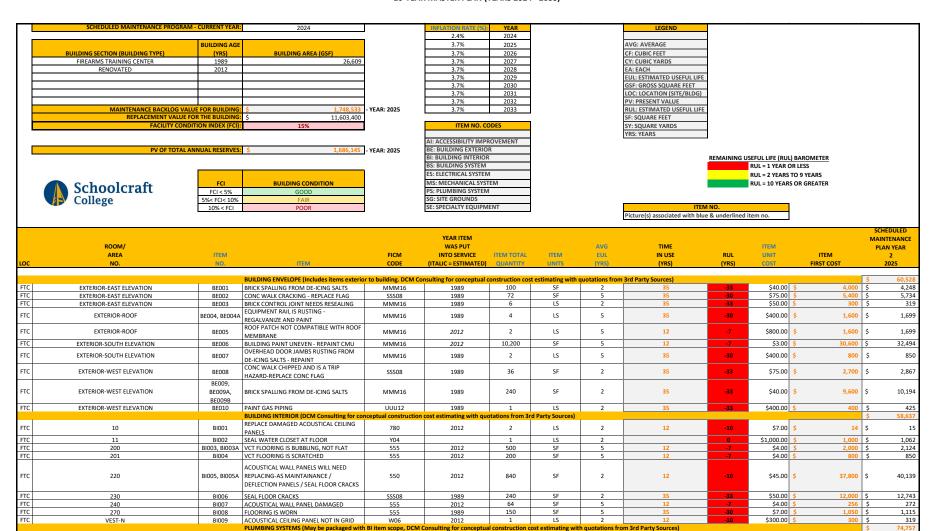
LOC	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		MAINTENANCE PLAN YEAR
LOC	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
_	NO.	NO.	PLUMBING SYSTEMS (May be packaged with	CODE Blitam scope DCM	(ITALIC = ESTIMATED)	QUANTITY Lonstruction of	UNITS oct estimating wit	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025 \$ 63,979
			PLUMBING FIXTURE REPLACEMENTS,		1			l					*
L	10	PS001	FAUCETS, FLUSH VALVES, & TMV'S	X03	2005	6	EA	2	19	-17	\$2,500.00	\$ 15,000	\$ 15,928
L	10	PS002	PLUMBING FIXTURE REPLACEMENTS, SINKS, TOILETS AND URINALS	X03	2005	6	EA	2	19	-17	\$2,500.00	\$ 15,000	\$ 15,928
L	20	PS003	PLUMBING FIXTURE REPLACEMENTS,	X03	2005	6	EA	15	19	-4	\$2,500.00	\$ 15,000	\$ 15,928
+	20	PS004	FAUCETS, FLUSH VALVES, & TMV'S PLUMBING FIXTURE REPLACEMENTS, SINKS,	X03	2005	6	EA	40	19	21	\$2,500.00	\$ 15,000	\$ 15,928
_	31	PS005	TOILETS AND URINALS WATER NOT DRAINING INTO FLOOR DRAIN.	Y04	1963	20	LF	25	61	-36	\$12.50		\$ 265
	51	1 3003	EXTEND PIPING TO FLOOR DRAIN.							30	ÿ12.50	Ÿ 250	
	24	145004	MECHANICAL SYSTEMS (May be packaged w			tual constructio			from 3rd Party Sources)		¢50,000,00	\$ 50,000	\$ 567,224 \$ 53.094
뉴	31 31	MS001 MS002	STEAM HUMIDIFIER REPLACEMENT BOILER REPLACEMENT	Y04 Y04	2005 2005	2	EA EA	15 25	19	-4	\$50,000.00 \$150,000.00		\$ 53,094 \$ 318,566
1	31	MS003	AIR HANDLING UNIT REPLACEMENT	Y04	2005	1	EA	40	19	21	\$120,000.00	7 300,000	\$ 127,427
-			INSTALL COVER PLATE OVER EXISTING			1							·
L	112	MS004	RUNTAL PIPE CONNECTIONS	410	2005	1	EA	15	19	-4	\$750.00	\$ 750	\$ 796
L	116	MS005	INSTALL COVER PLATE OVER EXISTING RUNTAL PIPE CONNECTIONS	410	2005	1	EA	15	19	-4	\$750.00	\$ 750	\$ 796
L L	145	MS006	RETURN AIR FAN REPLACEMENT	440	1963	1	EA	25	61	-36	\$3,500.00	9 3,500	\$ 3,717
뉴	162 VEST-NE	MS007 MS008	SPLIT SYSTEM A/C UNIT REPLACEMENT  CABINET UNIT HEATER REPLACEMENTS	530 W06	2011 2005	1	EA	15	13	2	\$20,000.00		\$ 21,238 \$ 7,964
누	VEST-NE VEST-NW	MS009	CABINET UNIT HEATER REPLACEMENTS	W06	2005	1	EA EA	25 25	19 19	6	\$7,500.00 \$7,500.00	\$ 7,500 \$ 7,500	
i	VEST-SW	MS010	CABINET UNIT HEATER REPLACEMENTS	W06	2005	1	EA	25	19	6	\$7,500.00	\$ 7,500	
Ť	EXTERIOR-ROOF	MS011	INCREASE BOILER AND WATER HEATER	UUU22	2005	10	LS	25	19	6	\$90.00	\$ 900	
÷			STACK HEIGHT TO MEET CODE							-0			
L	INTERIOR-BUILDING WIDE	MS012	HVAC SYSTEM CLEANING  ELECTRICAL SYSTEMS (May be packaged with	UUU25  1 BI item scope. DCM	2005	24,254	SF cost estimating wi	10	om 3rd Party Sources)	-9	\$0.65	\$ 15,765	\$ 16,741 \$ 224,597
LT	10	ES001	REPLACE FLUORESCENT LIGHTING	X03	2005	6	EA	20	19	1	\$250.00	\$ 1,500	
$\overline{}$	10	ES002	LIGHT FIXTURE LENS FALLING OUT ON	X03	2005		EA	5	19	-14	\$7.00	\$ 7	
L			CEILING			1				-14		\$ 7	
L	20	ES003	REPLACE FLUORESCENT LIGHTING	X03	2005	6	EA	20	19	1	\$250.00	\$ 1,500	7 -/
L	31	ES005	REPLACE FLUORESCENT LIGHTING	Y04	2005	4	EA	20	19	1	\$250.00	\$ 1,000	
L	40	ES006	REPLACE FLUORESCENT LIGHTING	Y04	2005	2	EA	20	19	1	\$250.00	\$ 500	
L	50 60	ES007 ES008	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	310 X01	2005 2005	1	EA EA	20 20	19 19	1	\$250.00 \$250.00	\$ 250 \$ 250	
1	70	ES009	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	Y04	2005	2	EA	20	19	-	\$250.00	\$ 250 \$ 500	
ī	100	ES010	REPLACE FLUORESCENT COVE LIGHTING	430	2005	250	LF	20	19	1	\$250.00	\$ 62,500	
L	100	ES011	REPLACE FLUORESCENT TROFFER LIGHTING	430	2005	16	EA	20	19	1	\$250.00		\$ 4,248
$\overline{}$	100	ES012	REPLACE FLUORESCENT LINEAR LIGHITING	430	2005	19	EA	20	19		\$250.00	\$ 4,750	\$ 5,044
1	100	ES013	REPLACE CF DOWNLIGHTS	430	2005	85	EA	20	19		\$250.00	\$ 21,250	
i	100	ES014	REPLACE DECORATIVE PENDANT LIGHTING	430	2005	18	EA	20	19	1	\$2,000.00	\$ 36,000	
L	105	ES015	REPLACE FLUORESCENT LIGHTING	110	2005	12	EA	20	19	1	\$250.00	\$ 3,000	
L	106	ES016	REPLACE FLUORESCENT LIGHTING	440	2005	4	EA	20	19	1	\$250.00	\$ 1,000	\$ 1,062
L	107	ES017	REPLACE FLUORESCENT LIGHTING	440	2005	4	EA	20	19	1	\$250.00	\$ 1,000	
L	108	ES018	REPLACE FLUORESCENT LIGHTING	445	2005	4	EA	20	19	1	\$250.00	\$ 1,000	
L	110	ES019	REPLACE FLUORESCENT LIGHTING	110	2005	12	EA	20	19	1	\$250.00	\$ 3,000	
L	111 112	ES020 ES021	REPLACE FLUORESCENT LIGHTING	410 410	2005	2	EA EA	20 20	19 19	1	\$250.00 \$250.00	\$ 500 \$ 1,000	7
L I	112	ES021 ES022	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	410	2005 2005	2	EA EA	20	19	1	\$250.00	\$ 1,000	
L	114	ES022	REPLACE COMPACT FLUORESCENT DOWN	650	2005	20	EA	20	19	1	\$250.00		
1	114	ES024	LIGHTING AND LIGHTING CONTROLS REPLACE DECORATIVE PENDANT LIGHTING	650	2005	8	EA	20	19	1	\$2,000,00	\$ 16,000	\$ 16,990
i l	115	ES025	REPLACE FLUORESCENT LIGHTING	410	2005	2	EA	20	19	1	\$250.00	\$ 500	
L	116	ES026	REPLACE FLUORESCENT LIGHTING	410	2005	4	EA	20	19	1	\$250.00	\$ 1,000	
L	117	ES027	REPLACE FLUORESCENT LIGHTING	410	2005	1	EA	20	19	1	\$250.00	\$ 250	
L	118	ES028	REPLACE FLUORESCENT LIGHTING	660	2005	1	EA	20	19	1	\$250.00	\$ 250	
L	119	ES029	REPLACE FLUORESCENT LIGHTING	440	2005	3	EA	20	19	1	\$250.00	Ÿ ,20	\$ 796
L	120	ES030	REPLACE FLUORESCENT LIGHTING	440	2005	24	EA	20	19	1	\$250.00	7	\$ 6,371
L	121 130	ES031	REPLACE FLUORESCENT LIGHTING	310	2005	2	EA FA	20	19 19	1	\$250.00	\$ 500 \$ 500	\$ 531
-	130	ES032 ES033	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	310 310	2005 2005	2	EA EA	20 20	19	1	\$250.00 \$250.00	\$ 500	\$ 531 \$ 531
十	132	ES033	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	310	2005	2	EA	20	19	1	\$250.00	\$ 500	\$ 531
i l	133	ES035	REPLACE FLUORESCENT LIGHTING	310	2005	2	EA	20	19	1	\$250.00	\$ 500	
ī	134	ES036	REPLACE FLUORESCENT LIGHTING	315	2005	3	EA	20	19	1	\$250.00	\$ 750	
- 1	140	ES037	REPLACE FLUORESCENT LIGHTING	310	2005	4	EA	20	19	1	\$250.00	\$ 1.000	\$ 1,062

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

	ROOM/ AREA	ITEM		FICM	YEAR ITEM WAS PUT INTO SERVICE	ITEM TOTAL	ITEM	AVG EUL	TIME IN USE	RUL	ITEM UNIT	ITEM	SCHEDULED MAINTENANCE PLAN YEAR 2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
L	141	ES038	REPLACE FLUORESCENT LIGHTING	310	2005	6	EA	20	19	1	\$250.00 \$	1,500	
L	144	ES039	REPLACE FLUORESCENT LIGHTING	440	2005	2	EA	20	19	1	\$250.00 \$	500	
L	145	ES040	REPLACE FLUORESCENT LIGHTING	440	2005	9	EA	20	19	1	\$250.00 \$	2,250	
L	146	ES041	REPLACE FLUORESCENT LIGHTING	315	2005	6	EA	20	19	1	\$250.00 \$	1,500	\$ 1,593
L	147	ES042	REPLACE FLUORESCENT LIGHTING	315	2005	7	EA	20	19	1	\$250.00 \$	1,750	\$ 1,858
L	148	ES043	REPLACE FLUORESCENT LIGHTING	315	2005	9	EA	20	19	1	\$250.00 \$	2,250	\$ 2,389
L	149	ES044	REPLACE FLUORESCENT LIGHTING	440	2005	3	EA	20	19	1	\$250.00 \$	750	\$ 796
L	150	ES045	REPLACE FLUORESCENT LIGHTING	440	2005	2	EA	20	19	1	\$250.00 \$	500	
L	151	ES046	REPLACE FLUORESCENT LIGHTING	440	2005	2	EA	20	19	1	\$250.00 \$	500	
L	153	ES047	REPLACE FLUORESCENT LIGHTING	440	2005	2	EA	20	19	1	\$250.00 \$	500	
L	160	ES048	REPLACE FLUORESCENT LIGHTING	535	2005	8	EA	20	19	1	\$250.00 \$	2,000	
L	161	ES049	REPLACE FLUORESCENT LIGHTING	535	2005	2	EA	20	19	1	\$250.00 \$	500	
L	162	ES050	REPLACE FLUORESCENT LIGHTING	530	2005	6	EA	20	19	1	\$250.00 \$	1,500	
L	163	ES051	REPLACE FLUORESCENT LIGHTING	535	2005	8	EA	20	19	1	\$250.00 \$	2,000	
L	164	ES052	REPLACE FLUORESCENT LIGHTING	535	2005	2	EA	20	19	1	\$250.00 \$	500	
L	165	ES053	REPLACE FLUORESCENT LIGHTING	535	2005	6	EA	20	19	1	\$250.00 \$	1,500	
L	166	ES054	REPLACE FLUORESCENT LIGHTING	535	2005	1	EA	20	19	1	\$250.00 \$	250	
L	167	ES055	REPLACE FLUORESCENT LIGHTING	535	2005	1	EA	20	19	1	\$250.00 \$	250	
L	168	ES056	REPLACE FLUORESCENT LIGHTING	535	2005	8	EA	20	19	1	\$250.00 \$	2,000	\$ 2,124
L	169	ES057	REPLACE FLUORESCENT LIGHTING	535	2005	12	EA	20	19	1	\$250.00 \$	3,000	\$ 3,186
L	VEST-NE	ES058	REPLACE FLUORESCENT LIGHTING	W06	2005	1	EA	20	19	1	\$250.00 \$	250	\$ 265
L	VEST-NW	ES059	REPLACE FLUORESCENT LIGHTING	W06	2005	1	EA	20	19	1	\$250.00 \$	250	\$ 265
L	VEST-SW	ES060	REPLACE FLUORESCENT LIGHTING	W06	2005	1	EA	20	19	1	\$250.00 \$	250	\$ 265
L	1000	ES061	REPLACE FLUORESCENT LIGHTING	W06	2005	4	EA	20	19	1	\$250.00 \$	1,000	\$ 1,062
L	1100	ES062	REPLACE FLUORESCENT LIGHTING	W06	2005	6	EA	20	19	1	\$250.00 \$	1,500	\$ 1,593
L	1200	ES063	REPLACE FLUORESCENT LIGHTING	W06	2005	3	EA	20	19	1	\$250.00 \$	750	\$ 796
L	1300	ES064	REPLACE FLUORESCENT LIGHTING	W06	2005	2	EA	20	19	1	\$250.00 \$	500	\$ 531
L	1400	ES065	REPLACE FLUORESCENT LIGHTING	W06	2005	2	EA	20	19	1	\$250.00 \$	500	\$ 531
L	1500	ES066	REPLACE FLUORESCENT LIGHTING	W06	2005	3	EA	20	19	1	\$250.00 \$	750	\$ 796
L	EXTERIOR	ES067	REPLACE EXTERIOR HID LIGHTING	UUU10	2005	5	EA	20	19	1	\$250.00 \$	1,250	\$ 1,327
			BUILDING SYSTEMS (Fire, security, IT/media	infrastructure. DCI	M Consulting for conceptua	al construction c	ost estimating wi	th quotations fr	om 3rd Party Sources)				\$ 127,427
			MAIN SWITCHBOARD, RECEPTACLE,										
L	31	BS002	LIGHTING & ELECTRICAL DISTRIBUTION	Y04	2005	1	EA	20	19	1	\$25,000.00 \$	25,000	\$ 26,547
			SYSTEM										
	21	BCOO3	STANDBY GENERATOR AND TRANSFER	V04	2005	1	ΓΛ.	20	10		¢20,000,00	20,000	ć 21.0F7
L	31	BS003	SWITCHES	Y04	2005	1	EA	20	19	1	\$30,000.00	30,000	\$ 31,857
L	31	BS004	SERVICE TRANFORMER	Y04	2004	1	EA	20	20	0	\$15,000.00 \$	15,000	\$ 15,928
L	INTERIOR-BUILDING WIDE	BS005	CLOCK SYSTEM	UUU25	2005	1	EA	20	19	1	\$50,000.00 \$	50,000	\$ 53,094
			SPECIALTY EQUIPMENT (Food service, theatr	re, labs, shops. DCN	A Consulting for conceptua	l construction co	ost estimating wi	th quotations fro	om 3rd Party Sources)				\$ -
L										0	\$0.00 \$		\$ -
			ACCESSIBILITY IMPROVEMENTS (Building cod	des & ADA standard	ls for accessible design. Do	CM Consulting fo	r conceptual con	struction cost es	stimating with quotations from	<b>3rd Party Source</b>			\$ -
L										0	\$0.00 \$		\$ -
										ANNUA	L FUNDING REQUI	REMENTS (ROUNDED):	\$ 2,926,890



	ROOM/ AREA	ПЕМ		FICM	YEAR ITEM WAS PUT INTO SERVICE	ITEM TOTAL	ITEM	AVG FUL	TIME IN USE	RUL	ITEM	ITEM	SCHEDULED MAINTENANCE PLAN YEAR
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
ESC	40	ES007	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	Y04	2020	4	EA	20	4	16	\$5,000.00		\$ 21,238
ESC	45	ES008	UPDATE LIFE SAFETY AUTOMATIC TRANSFER SWITCH (ATS-E)	Y04	2020	1	EA	20	4	16	\$10,000.00	\$ 10,000	\$ 10,619
ESC	45	ES009	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	Y04	2020	4	EA	20	4	16	\$5,000.00	\$ 20,000	\$ 21,238
ESC	45	ES010	REPLACE ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	2020	1	EA	20	4	16	\$25,000.00	\$ 25,000	\$ 26,547
ESC	EXTERIOR-GENERATOR	ES011	SERVICE STANDBY GENERATOR	UUU03	2020	1	EA	20	4	16	\$30,000.00	\$ 30,000	\$ 31,857
ESC	EXTERIOR-TRANSFORMER	ES012	SERVICE TRANSFORMER	UUU03	2020	1	EA	20	4	16	\$15,000.00	\$ 15,000	\$ 15,928
			BUILDING SYSTEMS (Fire, security, IT/media i	nfrastructure. DCM	Consulting for conceptua	l construction co	ost estimating wi	th quotations fro	om 3rd Party Sources)				\$ -
ESC										0	\$0.00	\$ -	\$ -
			SPECIALTY EQUIPMENT (Food service, theatre	e, labs, shops. DCM	Consulting for conceptua	construction co	ost estimating wif	h quotations fro	m 3rd Party Sources)				\$ -
ESC	·									0	\$0.00	\$ -	\$ -
			ACCESSIBILITY IMPROVEMENTS (Building cod	es & ADA standards	for accessible design. DC	M Consulting fo	r conceptual con	struction cost es	timating with quotations from	<b>Brd Party Sourc</b>	es)		\$ -
ESC										0	\$0.00	\$ -	\$ -
										ANNU	AL FUNDING REC	QUIREMENTS (ROUNDED):	\$ 305,652



22

\$3,200.00 \$

INTERIOR-BUILDING WIDE

PS001

PLUMBING FIXTURE REPLACEMENT

UUU24

FTC   11	SCHEDULED MAINTENANCE PLAN YEAR 2
The	2025
TO   STATE   MINISTRALE   MIN	\$ 152,912
TO   CETHINGROOP   MOSQUE	\$ 37,166
TEC	\$ 4,248
INTERIOR BULLONG WIDE	\$ 47,785
REPLACE ALS STORAGE STYTEUDS.   700   2012   5	\$ 63,713
TEC   11	\$ 1,166,558
FTC	\$ 1,327
Fig.   11	\$ 26,547
TEC   12   \$5005   ELECTRICAL DISTRIBUTION EQUIPMENT   X01   2012   1   EA   20   12   8   \$52,50000   5   2,000     FIC   12   \$5005   REPLACE (S. TOTAGE & TIT FLUOR.   X01   2012   4   EA   20   12   8   \$52,0000   5   1,000     FIC   14   \$5006   REPLACE (S. TOTAGE & TIT FLUOR.   X01   2012   1   EA   20   12   8   \$51,0000   5   1,000     FIC   14   \$5007   REPLACE (S. TOTAGE & TIT FLUOR.   X01   2012   1   EA   20   12   8   \$51,0000   5   1,000     FIC   14   \$5008   STANDER POWER STEWN SALTOMATIC THANSES SWITCH AT SHEET SWITCH	\$ 106,189
FTC   12	
FTC	\$ 26,547
Text	\$ 1,062
FTC	\$ 10,619
FTC   14	
FTC   15	\$ 26,547
FIC   15	\$ 106,189
FIC   19	\$ 2,124
FTC   21	\$ 2,124
FTC   21	\$ 5,044
FTC 21 ES016 REPLACE FLUORESCENT STORAGE ROOM LIGHTING	\$ 26,547
FTC   25	\$ 106,189
FTC 25 ES018 UPDATE ELECTRICAL DISTRIBUTION 555 2012 1 EA 20 12 8 \$25,000 \$ 25,000 \$ 7	
FTC   105	\$ 26,547
FTC 135 ES020 REPLACE FLUOR. CLASS ROOM LIGHTING 550 2012 6 EA 20 12 8 5250.00 \$ 1,500 FTC 200 ES021 REPLACE FLUOR. LAYIN STORE LIGHTING 555 2012 10 EA 20 12 8 5250.00 \$ 2,500 FTC 200 ES022 REPLACE INCAN, TRACK STORE LIGHTING 555 2012 36 EA 20 12 8 5250.00 \$ 9,000 FTC 220 ES023 REPLACE LANSE 1-10 FLUOR LIGHTING 550 2012 30 EA 20 12 8 5250.00 \$ 7,500 FTC 230 ES024 REPLACE LANSE 1-10 FLUOR LIGHTING 550 2012 30 EA 20 12 8 5250.00 \$ 4,500 FTC 240 ES025 REPLACE LANSE 1-10 FLUOR LIGHTING 555 2012 8 EA 20 12 8 5250.00 \$ 4,500 FTC 240 ES025 REPLACE CONTROL ROOM INCAN, LIGHTING 555 2012 8 EA 20 12 8 5250.00 \$ 2,000 FTC 240 ES025 REPLACE FLUOR. LIGHTING 555 2012 8 EA 20 12 8 5250.00 \$ 2,000 FTC 280 ES025 REPLACE STORAGE FLUOR. LIGHTING 555 2012 4 EA 20 12 8 5250.00 \$ 2,000 FTC 300 ES027 REPLACE STORAGE FLUOR. LIGHTING 555 2012 4 EA 20 12 8 5250.00 \$ 10,320 FTC 310 ES028 REPLACE FLUOR. LIGHTING W05 2012 1 EA 20 12 8 5250.00 \$ 250 FTC 310 ES028 REPLACE FLUOR. LIGHTING W05 2012 1 EA 20 12 8 5250.00 \$ 750 FTC 1000 ES028 REPLACE FLUOR. LIGHTING W05 2012 18 EA 20 12 8 5250.00 \$ 750 FTC EXTENSION EXPRESSIVE LIGHTING W05 2012 18 EA 20 12 8 5250.00 \$ 750 FTC EXTENSION EXPRESSIVE LIGHTING W05 2012 18 EA 20 12 8 5250.00 \$ 750 FTC EXTENSION EXPRESSIVE LIGHTING W05 2012 18 EA 20 12 8 5250.00 \$ 4,500 FTC EXTENSION EXPRESSIVE LIGHTING W05 2012 18 EA 20 15 S 55,000.00 \$ 4,500 FTC EXTENSION EXPRESSIVE LIGHTING W05 2012 18 EA 20 15 S 55,000.00 \$ 15,000 FTC EXTENSION EXPRESSIVE LIGHTING W05 2012 18 EA 20 15 S 55,000.00 \$ 15,000 FTC EXTENSION EXPRESSIVE LIGHTING W05 2012 18 EA 20 15 S 55,000.00 \$ 15,000 FTC EXTENSION EXPRESSIVE LIGHTING W05 2012 18 EA 20 15 S 55,000.00 \$ 15,000 FTC EXTENSION EXPRESSIVE LIGHTING W05 2012 18 EA 20 15 S 55,000.00 \$ 15,000 FTC EXTENSION EXPRESSIVE LIGHTING W05 2012 18 EA 20 15 S 55,000.00 \$ 15,000 FTC EXTENSION EXPRESSIVE LIGHTING W05 2012 18 EA 20 15 S 55,000.00 \$ 15,000 FTC EXTENSION EXPRESSIVE LIGHTING W05 2012 18 EA 20 15 S 55,000.00 \$ 15,000 FTC EXTENSION EXPRESSIVE LIGHTING W05 2012 18 EA 20 15 S 55,000.0	
FFTC   200   ES021   REPLACE FLUOR. LAYIN STORE LIGHTING   555   2012   10   EA   20   12   8   525.000   \$   2,500   FTTC   200   ES022   REPLACE INCAN, TRACK STORE LIGHTING   555   2012   36   EA   20   12   8   525.000   \$   5,000   FTTC   220   ES023   REPLACE LANES 1:0 FLUOR LIGHTING   550   2012   30   EA   20   12   8   525.000   \$   7,500   FTTC   230   ES024   REPLACE LANES 1:0 FLUOR LIGHTING   550   2012   18   EA   20   12   8   525.000   \$   4,500   FTTC   240   ES025   REPLACE CONTROL ROOM INCAN, LIGHTING   555   2012   8   EA   20   12   8   525.000   \$   2,000   FTTC   280   ES026   REPLACE STORAGE FLUOR. LIGHTING   555   2012   4   EA   20   12   8   525.000   \$   2,000   FTTC   300   ES027   REPLACE FLUOR LIGHTING   555   2012   4   EA   20   12   8   525.000   \$   2,000   FTTC   310   ES027   REPLACE FLUOR LIGHTING   W06   2012   1   EA   20   12   8   525.000   \$   2,000   FTTC   310   ES028   REPLACE FLUOR LIGHTING   W05   2012   3   EA   20   12   8   525.000   \$   750   FTTC   1000   ES029   REPLACE FLUOR LIGHTING   W05   2012   18   EA   20   12   8   525.000   \$   750   FTTC   1000   ES029   REPLACE FLUOR. CORRIDOR LIGHTING   W06   2012   18   EA   20   12   8   525.000   \$   4,500   \$	
FTC 200 ES022 REPLACE INCAN TRACK STORE LIGHTING 555 2012 36 EA 20 12 8 \$250.00 \$ 9,000 FTC 220 ES023 REPLACE LANES 1-10 FLUOR LIGHTING 550 2012 38 EA 20 12 8 \$250.00 \$ 7,500 FTC 230 ES024 REPLACE LANES 1-1-0 FLUOR LIGHTING 550 2012 18 EA 20 12 8 \$250.00 \$ 7,500 FTC 240 ES025 REPLACE LANES 1-1-0 FLUOR LIGHTING 555 2012 18 EA 20 12 8 \$250.00 \$ 2,000 FTC 240 ES025 REPLACE CONTROL ROOM INCAN. LIGHTING 555 2012 8 EA 20 12 8 \$250.00 \$ 2,000 FTC 280 ES026 REPLACE STORAGE FLUOR. LIGHTING 555 2012 4 EA 20 12 8 \$250.00 \$ 10,320 FTC 300 ES027 REPLACE FLUOR CHORNING 555 2012 1 EA 20 12 8 \$250.00 \$ 250 FTC 310 ES027 REPLACE FLUOR LIGHTING W06 2012 1 EA 20 12 8 \$250.00 \$ 250 FTC 1000 ES028 REPLACE FLUOR. LORBY LIGHTING W05 2012 3 EA 20 12 8 \$250.00 \$ 750 FTC 1000 ES029 REPLACE FLUOR. CORRIDOR LIGHTING W05 2012 18 EA 20 12 8 \$250.00 \$ 750 FTC EXTERIOR ES020 SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 12 8 \$250.00 \$ 4,500 FTC EXTERIOR ES020 SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 SEXEMBER SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 SEXEMBER SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 SEXEMBER SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 SEXEMBER SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 SEXEMBER SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 SEXEMBER SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 SEXEMBER SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 SEXEMBER SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 SEXEMBER SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 SEXEMBER SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 SEXEMBER SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 SEXEMBER SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 SEXEMBER SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 SEXEMBER SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 SEXEMBER SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 SEXEMBER SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 SEXEMBER SERVICE FLUOR. CORRIDOR LIGH	
FTC 220 ES023 REPLACE LANES 1-10 FLUOR LIGHTING 550 2012 30 EA 20 12 8 5250.00 \$ 7,500 FTC 230 ES024 REPLACE LANES 11-16 FLUOR LIGHTING 550 2012 18 EA 20 12 8 5250.00 \$ 4,500 FTC 240 ES025 REPLACE CONTROL ROOM INCAN. LIGHTING 555 2012 8 EA 20 12 8 5250.00 \$ 2,000 FTC 280 ES026 REPLACE STORAGE FLUOR. LIGHTING 555 2012 4 EA 20 12 8 5250.00 \$ 10,320 FTC 300 ES027 REPLACE FLUOR. VESTIBULE LIGHTING W06 2012 1 EA 20 12 8 5250.00 \$ 250 FTC 310 ES028 REPLACE FLUOR. LOBBY LIGHTING W05 2012 3 EA 20 12 8 5250.00 \$ 250 FTC 1000 ES029 REPLACE FLUOR. LOBBY LIGHTING W05 2012 3 EA 20 12 8 5250.00 \$ 750 FTC 1000 ES029 REPLACE FLUOR. LOBBY LIGHTING W06 2012 18 EA 20 12 8 5250.00 \$ 750 FTC 1000 ES029 REPLACE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 12 8 5250.00 \$ 4,500 FTC EXTENIOR ES030 SERVICE TRANSFORMER UUU03 1989 1 EA 20 35 15 515,000.00 \$ 15,000	
FTC 230 E5024 REPLACE LANES 11-16 FLUOR LIGHTING 550 2012 18 EA 20 12 8 \$250.00 \$ 4,500 FTC 240 E5025 REPLACE CONTROL ROOM INCAN. LIGHTING 555 2012 8 EA 20 12 8 \$250.00 \$ 2,000 FTC 280 E5026 REPLACE STORAGE FLUOR. LIGHTING 555 2012 4 EA 20 12 8 \$2,580.00 \$ 10,320 FTC 300 E5027 REPLACE STORAGE FLUOR. LIGHTING 555 2012 4 EA 20 12 8 \$2,580.00 \$ 10,320 FTC 310 E5027 REPLACE FLUOR LIGHTING W06 2012 1 EA 20 12 8 \$250.00 \$ 2500 FTC 310 E5028 REPLACE FLUOR. LIGHTING W05 2012 3 EA 20 12 8 \$250.00 \$ 750 FTC 1000 E5029 REPLACE FLUOR. CORRIDOR LIGHTING W05 2012 18 EA 20 12 8 \$250.00 \$ 750 FTC EXTERIOR E5030 SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 12 8 \$250.00 \$ 4,500 FTC EXTERIOR E5030 SERVICE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 15 8 \$500.00 \$ 4,500 FTC EXTERIOR E5030 SERVICE FRANSFORMER UUU03 1989 1 EA 20 35 15 \$15,000.00 \$ 15,000 FTC EXTERIOR	\$ 7,964
FTC 240 E5025 REPLACE CONTROL ROOM INCAN. LIGHTING 555 2012 8 EA 20 12 8 \$250.00 \$ 2,000 FTC 280 E5026 REPLACE STORAGE FLUOR. LIGHTING 555 2012 4 EA 20 12 8 \$2,580.00 \$ 10,320 FTC 300 E5027 REPLACE FLUOR. VESTIBULE LIGHTING W06 2012 1 EA 20 12 8 \$250.00 \$ 250 FTC 310 E5028 REPLACE FLUOR. LOBBY LIGHTING W05 2012 3 EA 20 12 8 \$250.00 \$ 750 FTC 1000 E5029 REPLACE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 12 8 \$250.00 \$ 750 FTC EXTENDR E5030 SERVICE TRANSFORMER UUU03 1989 1 EA 20 35 5 15 515,000.00 \$ 15,000.	
FTC 300 ES027 REPLACE FLUOR. VESTIBULE LIGHTING W06 2012 1 EA 20 12 8 \$250.00 \$ 250 FTC 310 ES028 REPLACE FLUOR. LOBBY LIGHTING W05 2012 3 EA 20 12 8 \$250.00 \$ 750 FTC 1000 ES029 REPLACE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 12 8 \$250.00 \$ 4,500 FTC EXTERIOR ES030 SERVICE TRANSFORMER UUU03 1989 1 EA 20 35 -15 \$15,000.00 \$ 1,500 FTC EXTERIOR	\$ 2,124
FTC 310 E5028 REPLACE FLUOR. LOBBY LIGHTING W05 2012 3 EA 20 12 8 525.000 \$ 75.0 FTC 1000 E5029 REPLACE FLUOR. CORRIDOR LIGHTING W06 2012 18 EA 20 12 8 525.000 \$ 4,5.00 FTC EXTERIOR E5030 SERVICE FRANSFORMER UUU03 1989 1 EA 20 35 15 51,5.00.00 \$ 15,00.00	
FTC         1000         ES029         REPLACE FLUOR. CORRIDOR LIGHTING         W06         2012         18         EA         20         12         8         \$250.00         \$         4,500           FTC         EXTERIOR         ES030         SERVICE TRANSFORMER         UUU03         1989         1         EA         20         35         -15         \$15,000.00         \$         15,000.00	
FTC EXTERIOR ES030 SERVICE TRANSFORMER UUU03 1989 1 EA 20 35 -15 \$15,000.00 \$ 15,000	
TTC EXTERIOR ES031 STANDOS GENERALEMENT 00003 2012 1 EA 20 12 8 525,000.00 \$ 525,000 FTC EXTERIOR ELEGAL ENGINE BUILDING LIGHTING UUU10 2012 21 EA 20 12 8 525,000.00 \$ 525,000 FTC EXTERIOR ELEGAL ENGINE BUILDING LIGHTING UUU10 2012 21 EA 20 12 8 525,000.00 \$ 525,000 FTC EXTERIOR ELEGAL ENGINE BUILDING ELEGAL ENGINE ELEGAL ENGINE ELEGAL ENGINE ELEGAL ENGINE ELEGAL	\$ 557,491

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
			BUILDING SYSTEMS (Fire, security, IT/media inf	rastructure. DCM	Consulting for conceptua	l construction c	ost estimating wit	h quotations fro	om 3rd Party Sources)				\$ 235,140
FTC	10	BS001	UPDATE IT SYSTEMS	UUU02	2012	1	EA	20	12	8	\$15,000.00	\$ 15,000	\$ 15,928
FTC	11	BS002	UPDATE IT SYSTEMS	UUU02	2012	1	EA	20	12	8	\$15,000.00	\$ 15,000	\$ 15,928
FTC	12	BS001	REPLACE FIRE ALARM SYSTEM MAIN AND REMOTE PANELS (MEET CODE)	X01	2012	1	EA	20	12	8	\$106,436.00	\$ 106,436	\$ 113,023
FTC	INTERIOR-BUILDING WIDE	BS002	REPLACE FIRE ALARM DEVICES (MEET CODE)	UUU07	2012	1	EA	20	12	8	\$50,000.00	\$ 50,000	\$ 53,094
FTC	INTERIOR-BUILDING WIDE	BS003	UPDATE PRIMAX CLOCK SYSTEM	UUU25	2012	1	EA	20	12	8	\$35,000.00	\$ 35,000	\$ 37,166
			SPECIALTY EQUIPMENT (Food service, theatre,	labs, shops. DCM	Consulting for conceptual	construction co	ost estimating wit	h quotations fro	m 3rd Party Sources)				\$ -
FTC										0	\$0.00	\$ -	\$ -
			ACCESSIBILITY IMPROVEMENTS (Building codes	& ADA standards	for accessible design. DC	M Consulting fo	or conceptual cons	truction cost es	timating with quotations from	<b>3rd Party Source</b>	es)		\$ -
FTC										0	\$0.00	\$ -	\$ -
										ANNUA	AL FUNDING REC	QUIREMENTS (ROUNDED):	\$ 1,748,533

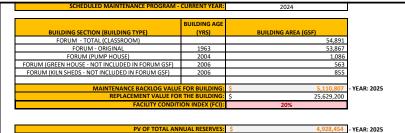
#### SCHOOLCRAFT COLLEGE; FORUM - SCHEDULED MAINTENANCE PROGRAM 10-YEAR MASTER PLAN (YEARS 2024 - 2033)

2.4%

3.7%

2024

2025



FCI

FCI < 5%

5%< FCI< 10%

10% < FCI

**BUILDING CONDITION** 

GOOD

STANDING SEAM METAL ROOFING

MAINTENANCE / REPLACEMENT

MMM16

BE015

3.7% 2026 3.7% 2027 3.7% 2028 3.7% 3.7% 3.7% 2029 2030 2031 2032 2033 3.7% 3.7%

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

AVG: AVERAGE CF: CUBIC FEET CY: CUBIC YARDS EA: EACH 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

> > \$50.00

5,000 \$

5,309



EXTERIOR-ROOF

									Picture(s) associated with blue & underlined item no.					
	ROOM/ AREA	ITEM		FICM	YEAR ITEM WAS PUT INTO SERVICE	ITEM TOTAL	ITEM	AVG EUL	TIME IN USE	RUL	ITEM UNIT	ITEM	SCHEDULED MAINTENANC PLAN YEAR 2	CE
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025	
			BUILDING ENVELOPE (Includes items exterior	r to building. DCM Co	ensulting for conceptual co	onstruction cost	estimating with o	quotations from	3rd Party Sources)				\$ 2,875,7	789
F	EXTERIOR-SE ELEVATION	BE001, BE001A	CONCRETE STEPS/LANDINGS AT ENTRY F3  A RE A HAZARD AT MAIN BUILDING ENTRANCES; BETTER TO HAVE SLOPED SIDEWALKS	SSS08	2003	150	SF	2	21	-19	\$75.00	\$ 11,250	\$ 11,9	946
F	EXTERIOR-SE ELEVATION	BE002	CONCRETE LANDING PITTED AND RUST SHOWING-CONSIDER REPLACING SLAB	SSS08	1963	40	SF	5	61	-56	\$75.00	\$ 3,000	\$ 3,1	186
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	2	21	-19	\$75.00	\$ 11,250	\$ 11,9	946
F	EXTERIOR-ALL ELEVATIONS	BE004, BE004A, BE004B	SOFFIT VENTS NEED CLEANING AND REPAIRING	MMM16	2005	120	FT	2	19	-17	\$3.00	\$ 360	\$ =	382
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	5	19	-14	\$8.00	\$ 4,800	\$ 5,0	097
F	EXTERIOR-NORTH AND SOUTH ELEVATIONS	BE006, BE006A, BE006B	PRECAST STONE BRICK CAPS NEED TO BE RE- SET, CLEANED, AND REPAIRED	MMM16	2015	50	LF	5	9	-4	\$25.00	\$ 1,250	\$ 1,5	327
F	EXTERIOR-NORTH ELEVATION	BE007	GRADING MATERIAL SHOULD NOT BE HIGHER THAN BRICK WEEP HOLES	GGG11	1963	800	SF	2	61	-59	\$3.00	\$ 2,400	\$ 2,5	549
F	EXTERIOR-NORTH ELEVATION	BE008	TUCK POINT BRICK AREAS WHICH ARE MISSING MORTAR	MMM16	1963	150	SF	5	61	-56	\$75.00	\$ 11,250	\$ 11,9	946
F	EXTERIOR-NORTH ELEVATION	BE009, BE009A	REMOVE EFFLOURESENCE FROM BRICK WALLS	MMM16	1963	400	SF	5	61	-56	\$3.00	\$ 1,200	\$ 1,7	274
F	EXTERIOR- EAST AND WEST ELEVATION	BE010	CLEAN ALL CANOPY FASCIAS AND METAL PANELS	MMM16	2005	1,600	SF	5	19	-14	\$3.00	\$ 4,800	\$ 5,0	097
F	EXTERIOR-ALL ELEVATIONS	BE011	CLEAN ALL BUILDING ELEVATIONS FREE OF BIRD DROPPINGS, DIRT, GRIME, ETC	MMM16	1963	1,000	SF	2	61	-59	\$3.00	\$ 3,000	\$ 3,1	186
F	EXTERIOR-ALL ELEVATIONS	BE012	REPAIR ALL HOLES IN SOFFITS	MMM16	1963	75	SF	5	61	-56	\$75.00	\$ 5,625	\$ 5,9	973
F	EXTERIOR-ROOF	BE013	SINGLE-PLY MEMBRANE REROOFING - GENERAL	MMM16	2001	1,000	SF	2	23	-21	\$3.00	\$ 3,000	\$ 3,1	186
F	EXTERIOR-ROOF	BE014	SINGLE-PLY MEMBRANE REROOFING - PUMP HOUSE	MMM16	2004	52,800	SF	25	20	5	\$50.00	\$ 2,640,000	\$ 2,803,3	384

2001

100

SF

25

23

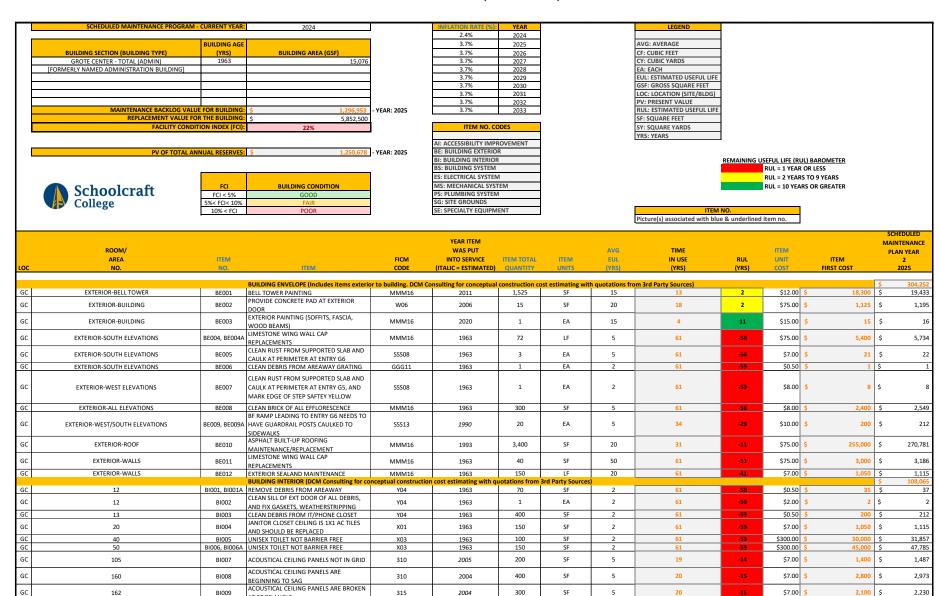
	ROOM/ AREA	ITEM		FICM	YEAR ITEM WAS PUT INTO SERVICE	ITEM TOTAL	ITEM	AVG EUL	TIME IN USE	RUL	ITEM UNIT	ITEM	MAII	NTENANCE AN YEAR 2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST		2025
			BUILDING INTERIOR (DCM Consulting for cor ASBESTOS FLOORING ABATEMENT / FLOOR		cost estimating with quo								\$	43,866
F	21	BI001	FINISH REPLACEMENT	Y04	1963	15	SF	25	61	-36	\$27.00	\$ 405	\$	430
F	61	BI002	TOILET FIXTURES TO BE CAULKED AT FLOORS	X03	2002	5	EA	2	22	-20	\$50.00	\$ 250	\$	265
F	65	BI003	TOILET FIXTURES TO BE CAULKED AT FLOORS	X03	2002	1	EA	2	22	-20	\$50.00	\$ 50	\$	53
F	67	BI004	ASBESTOS FLOORING ABATEMENT / FLOOR FINISH REPLACEMENT	115	1963	40	SF	2	61	-59	\$27.00	\$ 1,080	\$	1,147
F	67	BI005	ACOUSTICAL TILE CEILING DIRTY, BROKEN, MISSING. NEEDS REPLACEMENT	115	1963	40	SF	2	61	-59	\$7.00	\$ 280	\$	297
F	81	BI006	ASBESTOS FLOORING ABATEMENT / FLOOR FINISH REPLACEMENT	Y04	1963	40	SF	35	61	-26	\$27.00	\$ 1,080	\$	1,147
F	81	BI007	REPLACE ASBESTOS CONTAINING DOOR FROM F81 TO RETURN AIR TUNNEL	Y04	1963	1	EA	50	61	-11	\$27.00	\$ 27	\$	29
F	95	BI008	ASBESTOS FLOORING ABATEMENT / FLOOR FINISH REPLACEMENT	X01	1963	30	SF	2	61	-59	\$27.00	\$ 810	\$	860
F	170	BI009	ACOUSTICAL CEILING PANELS SAGGING FROM HUMIDITY. CONSIDER REPLACING	210	2012	1,500	SF	5	12	-7	\$7.00	\$ 10,500	\$	11,150
F	300A	BI010	WOOD DOOR SCRATCHED AND NEEDS REPAIR	215	2002	1	EA	5	22	-17	\$2,500.00	\$ 2,500	\$	2,655
F	400	BI011	REPAIR REPLACE ELECTRIC UNIT HEATER	210	1963	8	LF	5	61	-56	\$250.00	\$ 2,000	Ś	2,124
F	460	BI012	WOOD DOOR SCRATCHED AND NEEDS REPAIR	210	1963	1	EA	5	61	-56	\$2,500.00		\$	2,655
F	470	BI013	REPLACE ELECTRIC UNIT HEATER	210	1963	30	LF	5	61	-56	\$250.00	\$ 7,500	Ś	7,964
F	470	BI014	OUTLET COVER NEEDS TO BE REPLACED	210	1963	1	EA	5	61	-56	\$5.00	\$ 5	\$	5
F	470	BI015	ACOUSTICAL CEILING PANELS CHIPPED, BROKEN, SCRATCHED. NEEDS REPLACING	210	2001	1,200	SF	5	23	-18	\$7.00	\$ 8,400	\$	8,920
F	582	BI016	DOOR IS WORN AND NEEDS REPLACEMENT	210	2014	1	EA	5	10	-5	\$2,500.00	\$ 2,500	\$	2,655
F	593	BI017	CARPET IS WEARING AND NEEDS REPLACING	310	2004	100	SF	5	20	-15	\$7.00	\$ 700	\$	743
F	3000	BI018	PLASTER WALLS SPALLING FROM DE-ICING SALTS AT ENTRY F20	W06	1963	1	EA	2	61	-59	\$75.00	\$ 75	\$	80
F	4000	BI019	ACOUSTICAL CEILING PANEL IS CHIPPED, DIRTY, AND WILL NEED REPLACING	W06	2002	20	SF	5	22	-17	\$7.00	\$ 140	\$	149
F	4001	BI020	BENCH SEATING IS SPLITTING AND SHOWING WEAR	W06	1997	1	EA	5	27	-22	\$500.00	\$ 500	\$	531
F	4002	BI021	ACOUSTICAL CEILING PANEL NOT INSTALLED	W06	2002	1	EA	5	22	-17	\$7.00	\$ 7	\$	7
			PLUMBING SYSTEMS (May be packaged with			l construction of			om 3rd Party Sources)				\$	111,498
F	31	PS001	TOILET FIXTURES	X03	2002	5	EA	40	22	18	\$2,500.00		\$	13,274
F	41	PS002	TOILET FIXTURES  PPL PUMPS NEED TO BE REPAIRED OR	X03	2002	5	EA	40	22	18	\$2,500.00	\$ 12,500	\$	13,274
F	45	PS003	REPLACED THERE IS EXTENSIVE CORROSION AND WATER DAMAGE	Y04	2004	2	EA	15	20	-5	\$2,500.00	\$ 5,000	\$	5,309
F	51	PS004	TOILET FIXTURES	X03	2002	5	EA	40	22	18	\$2,500.00	\$ 12,500	\$	13,274
F	61	PS005	TOILET FIXTURES	X03	2002	5	EA	40	22	18	\$2,500.00	\$ 12,500	\$	13,274
F	360	PS006	GEOLOGY LABORATORY ACID WASTE SYSTEM INSPECTION / MAINTENANCE	UUU25	2002	5,000	SF	10	22	-12	\$10.00	\$ 50,000	\$	53,094
			MECHANICAL SYSTEMS (May be packaged w	ith BI item scope. DC	M Consulting for concept	tual construction	n cost estimating	with quotations	from 3rd Party Sources)				\$	807,937
F	20	MS001	MECHANICAL ROOM EXPOSED DUCT INSULATION REPAIRS	Y04	1963	100	SF	25	61	-36	\$8.00	\$ 800	\$	850
F	45	MS002	BOILER REPLACEMENTS	Y04	2004	2	EA	25	20	5	\$65,000.00	\$ 130,000	\$	138,045
F	45	MS003	PRIMARY CHILLED WATER LOOP PUMP MAINTENANCE/REPLACEMENTS	Y04	2004	2	EA	20	20	0	\$30,000.00		\$	63,713
F	80	MS004	MECHANICAL ROOM EXPOSED DUCT INSULATION REPAIRS	Y04	1963	100	SF	25	61	-36	\$8.00	\$ 800	\$	850
F	200	MS005	REPLACE ALL FUME HOODS AND UPGRADE AUTOMATED CONTROLS	210	2007	11	EA	35	17	18	\$30,000.00	\$ 330,000	\$	350,423
F	210	MS006	REPLACE ALL FUME HOODS AND UPGRADE AUTOMATED CONTROLS	210	2004	4	EA	35	20	15	\$30,000.00	\$ 120,000	\$	127,427
F	370	MS007	ELECTRIC FIN TUBE OPEN ENDED TO SPACE HAZARD IN ART ROOM	110	1963	15	LF	20	61	-41	\$75.00	\$ 1,125	\$	1,195

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
F	373	MS008	ELECTRIC FIN TUBE OPEN ENDED TO SPACE HAZARD IN ART ROOM	115	1963	15	LF	20	61	-41	\$75.00	<u> </u>	\$ 1,195
F	450	MS009	ROOM FEELS WARM	210	1963	1	EA	15	61	-46	\$15,000.00	+,	\$ 15,928
F	KILN 1	MS010	KILN SHED EXHAUST FAN REPLACEMENTS	215	2003	1	EA	15	21	-6	\$6,500.00		\$ 6,902
F	KILN 2	MS011	KILN SHED EXHAUST FAN REPLACEMENTS	215	2003	1	EA	15	21	-6	\$6,500.00	\$ 6,500	
F	KILN 3	MS012	KILN SHED EXHAUST FAN REPLACEMENTS	215	2003	1	EA	15	21	-6	\$6,500.00	\$ 6,500	\$ 6,902
F	1000	MS013	PNEU CONTROLS WITH DDC	W06	1963	1	EA	20	61	-41	\$7,500.00	\$ 7,500	\$ 7,964
F	1001	MS014	REPLACE ELECTRICAL HALL HEATERS AND PNEU CONTROLS WITH DDC	W06	1963	1	EA	20	61	-41	\$7,500.00	\$ 7,500	\$ 7,964
F	1002	MS015	REPLACE ELECTRICAL HALL HEATERS AND PNEU CONTROLS WITH DDC	W06	1963	1	EA	20	61	-41	\$7,500.00	\$ 7,500	\$ 7,964
F	1100	MS016	REPLACE ELECTRICAL HALL HEATERS AND PNEU CONTROLS WITH DDC	W06	1963	1	EA	20	61	-41	\$7,500.00	\$ 7,500	\$ 7,964
F	1200	MS017	REPLACE ELECTRICAL HALL HEATERS AND PNEU CONTROLS WITH DDC	W06	1963	1	EA	20	61	-41	\$7,500.00	\$ 7,500	\$ 7,964
F	2000	MS018	REPLACE ELECTRICAL HALL HEATERS AND PNEU CONTROLS WITH DDC	W06	1963	1	EA	20	61	-41	\$7,500.00	\$ 7,500	\$ 7,964
F	2002	MS020	REPLACE ELECTRICAL HALL HEATERS AND PNEU CONTROLS WITH DDC	W06	1963	1	EA	20	61	-41	\$7,500.00	\$ 7,500	\$ 7,964
F	3000	MS021	REPLACE ELECTRICAL HALL HEATERS AND PNEU CONTROLS WITH DDC	W06	1963	1	EA	20	61	-41	\$7,500.00	\$ 7,500	\$ 7,964
F	4000	MS022	REPLACE ELECTRICAL HALL HEATERS AND PNEU CONTROLS WITH DDC	W06	1963	1	EA	15	61	-46	\$7,500.00	\$ 7,500	\$ 7,964
F	4001	MS023	REPLACE ELECTRICAL HALL HEATERS AND	W06	1963	1	EA	15	61	-46	\$7,500.00	\$ 7,500	\$ 7,964
F	4002	MS024	PNEU CONTROLS WITH DDC REPLACE ELECTRICAL HALL HEATERS AND	W06	1963	1	EA	15	61	-46	\$7,500.00	\$ 7,500	\$ 7,964
			PNEU CONTROLS WITH DDC  ELECTRICAL SYSTEMS (May be packaged with	Blitam scope DCM	Consulting for conceptua	al construction	cost estimating w	ith quotations fr	om 3rd Party Sources)				\$ 871,385
F	10	ES001	REPLACE FLUORESCENT LIGHTING	X01	1963	1	EA	20	61	-41	\$250.00	\$ 250	
F	20	ES002	REPLACE FLUORESCENT LIGHTING	Y04	1963	9	EA	20	61	-41	\$250.00	\$ 2,250	
F	20	ES003	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES ON EAST WALL	UUU04	1963	2	EA	20	61	-41	\$50.00	\$ 100	\$ 106
F	21	ES004	REPLACE FLUORESCENT LIGHTING	Y04	1963	1	EA	20	61	-41	\$250.00	\$ 250	\$ 265
F	31	ES005	REPLACE FLUORESCENT LIGHTING	X03	2002	3	EA	20	22	-2	\$250.00	\$ 750	\$ 796
F	45	ES006	REPLACE FLUORESCENT LIGHTING	Y04	2004	4	EA	20	20	0	\$250.00	\$ 1,000	\$ 1,062
F	45	ES007	ELECTRICAL DISTRIBUTION SYSTEMS	Y04	2004	6	EA	20	20	0	\$250.00	\$ 1,500	\$ 1,593
F	45	ES008	EMERGENCY GENERATOR AND ATS-E, ATS- NE	Y04	2007	3	EA	20	17	3	\$30,000.00	\$ 90,000	\$ 95,570
F	51	ES009	REPLACE FLUORESCENT LIGHTING	X03	2002	3	EA	20	22	-2	\$250.00	\$ 750	\$ 796
F	55	ES010	REPLACE FLUORESCENT LIGHTING	X03	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
F	57	ES011	REPLACE FLUORESCENT LIGHTING	X03	1963	1	EA	20	61	-41	\$250.00	\$ 250	7
F	61	ES012	REPLACE FLUORESCENT LIGHTING	X03	2002	3	EA	20	22	-2	\$250.00	\$ 750	
F	65 66	ES013 ES014	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	X03 X03	2002 2002	1	EA EA	20 20	22	-2	\$250.00 \$250.00		\$ 531 \$ 265
F	67	ES014 ES015	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	115	1963	2	EA	20	61	-2 -41	\$250.00		\$ 265
F	70	ES015	REPLACE FLUORESCENT LIGHTING  REPLACE FLUORESCENT LIGHTING	X01	1963	1	EA	20	61	-41	\$250.00	\$ 250	\$ 265
F	70	ES017	REPLACE ORIGINAL LIGHTING AND RECEPTACLE PANELS	X01	1963	2	EA	20	61	-41	\$500.00	\$ 1,000	\$ 1,062
F	80	ES018	REPLACE FLUORESCENT LIGHTING	Y04	1963	9	EA	20	61	-41	\$250.00	\$ 2,250	\$ 2,389
F	80	ES019	ELECTRICAL DISTRIBUTION - ORIGINAL EQUIPMENT	Y04	1963	9	EA	20	61	-41	\$25,000.00	\$ 225,000	\$ 238,925
F	80	ES020	EST-4 FIRE ALARM SYSTEM	Y04	2002	9	EA	20	22	-2	\$5,000.00	\$ 45.000	\$ 47,785
F	80	ES021	ELECTRICAL DISTRIBUTION	Y04	1963	9	EA	20	61	-41	\$25,000.00		\$ 238,925
F	80	ES022	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	61	-41	\$50.00		\$ 53
F	81	ES023	ACCESS CONTROLS SYSTEM	Y04	2001	1	EA	20	23	-3	\$25,000.00	\$ 25.000	\$ 26,547
F	81	ES024	REPLACE FLUORESCENT LIGHTING	Y04	1963	1	EA	20	61	-41	\$250.00	\$ 250	\$ 265
F	90	ES025	REPLACE FLUORESCENT LIGHTING	215	2014	6	EA	20	10	10	\$250.00	\$ 1,500	\$ 1,593
F	100	ES026	REPLACE FLUORESCENT LIGHTING	110	2010	9	EA	20	14	6	\$250.00	\$ 2,250	\$ 2,389
F	100	ES027	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	2	EA	20	61	-41	\$50.00	\$ 100	\$ 106
-	110	ES028	REPLACE FLUORESCENT LIGHTING	110	2000	9	EA	20	24	-4	\$250.00	\$ 2,250	\$ 2,389
F													

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
F	120	ES030	REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE	110	2010	9	EA	20	14	6	\$250.00	\$ 2,250	\$ 2,389
F	120	ES031	RECEPTACLES	UUU04	1963	3	EA	20	61	-41	\$50.00	\$ 150	\$ 159
F	130	ES032	REPLACE FLUORESCENT LIGHTING	110	2000	9	EA	20	24	-4	\$250.00	\$ 2,250	\$ 2,389
			REPLACE ORIGINAL, LOW VOLTAGE PLUG										,
F	130	ES033	STRIP RECEPTACLES HAVING (10) OUTLETS	UUU04	1963	2	EA	20	61	-41	\$50.00	\$ 100	\$ 106
F	450		EACH			40		20	42	8	6350.00	\$ 4.500	\$ 4.778
	150	ES034	REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE	210	2012	18	EA	20	12		\$250.00	, , , , , , , , , , , , , , , , , , , ,	7 .,
F	150	ES035	RECEPTACLES	UUU04	1963	6	EA	20	61	-41	\$50.00	\$ 300	\$ 319
F	170	ES036	REPLACE FLUORESCENT LIGHTING	210	2012	18	EA	20	12	8	\$250.00	\$ 4,500	\$ 4,778
F	170	ES037	REPLACE ORIGINAL, LOW VOLTAGE	UUU04	1963	8	EA	20	61	-41	\$50.00	\$ 400	\$ 425
F	200		RECEPTACLES			18	EA	20	17	3	\$250.00	\$ 4,500	\$ 4,778
F	200	ES038 ES039	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	210 215	2007 2007	4	EA EA	20	17	3	\$250.00	\$ 4,500 \$ 1.000	\$ 4,778
F	· · · · · · · · · · · · · · · · · · ·		REPLACE ORIGINAL, LOW VOLTAGE			6		20				, , , , , , , , , , , , , , , , , , , ,	
	201	ES040	RECEPTACLES ALONG NORTH WALL	UUU04	1963		EA		61	-41	\$50.00		\$ 319
F	202	ES041	REPLACE FLUORESCENT LIGHTING	215	2007	3	EA	20	17	3	\$250.00	Ÿ ,20	\$ 796
F	204	ES042	REPLACE FLUORESCENT LIGHTING	215	2004	2 8	EA	20	20	0	\$250.00 \$250.00	·	\$ 531
F	205 206	ES043 ES044	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	210 210	2001 2001	2	EA EA	20	23	-3	\$250.00	\$ 2,000 \$ 500	\$ 2,124 \$ 531
F	210	ES045	REPLACE FLUORESCENT LIGHTING	210	2001	18	EA	20	20	0	\$250.00	\$ 4,500	\$ 4,778
F	210	ES046	REPLACE ORIGINAL, LOW VOLTAGE	UUU04	1963			20	61	41	\$50.00		\$ 53
			RECEPTACLE			1	EA			-41			•
F	250	ES047	REPLACE FLUORESCENT LIGHTING	210	2010	20	EA	20	14	6	\$250.00	\$ 5,000	\$ 5,309
F	260	ES048	REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE	210	2009	7	EA	20	15	5	\$250.00	\$ 1,750	\$ 1,858
F	260	ES049	RECEPTACLES	UUU04	1963	5	EA	20	61	-41	\$50.00	\$ 250	\$ 265
F	261	ES050	REPLACE FLUORESCENT LIGHTING	215	2009	2	EA	20	15	5	\$250.00	\$ 500	\$ 531
F	261	ES051	REPLACE ORIGINAL, LOW VOLTAGE	UUU04	1963	2	EA	20	61	-41	\$50.00	\$ 100	\$ 106
			RECEPTACLES										
F	262	ES052	REPLACE FLUORESCENT LIGHTING	310	2009	2	EA	20	15	5	\$250.00	\$ 500	\$ 531
F	262	ES053	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	61	-41	\$50.00	\$ 50	\$ 53
F	270	ES054	REPLACE FLUORESCENT LIGHTING	210	2012	20	EA	20	12	8	\$250.00	\$ 5.000	\$ 5,309
F	270	ES055	REPLACE ORIGINAL, LOW VOLTAGE	UUU04	1963	4	EA	20	61	-41	\$50.00		\$ 212
			RECEPTACLES										•
F	280	ES056	REPLACE FLUORESCENT LIGHTING	215	2009	7	EA	20	15	5	\$250.00	\$ 1,750	\$ 1,858
F	280	ES057	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	9	EA	20	61	-41	\$50.00	\$ 450	\$ 478
F	300	ES058	REPLACE FLUORESCENT LIGHTING	210	2004	18	EA	20	20	0	\$250.00	\$ 4,500	\$ 4,778
F	300A	ES059	REPLACE INCANDESCENT TRACK LTG	215	2002	6	EA	20	22	-2	\$250.00	\$ 1,500	\$ 1,593
F	301	ES060	REPLACE FLUORESCENT LIGHTING	210	2004	12	EA	20	20	0	\$250.00	\$ 3,000	\$ 3,186
F	301	ES061	REPLACE ORIGINAL, LOW VOLTAGE	UUU04	1963	4	EA	20	61	-41	\$50.00	\$ 200	\$ 212
F			RECEPTACLES			25			10			\$ 6,250	
1	310	ES062	REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE	210	2014	25	EA	20		10	\$250.00		\$ 6,637
F	310	ES063	RECEPTACLES	UUU04	1963	8	EA	20	61	-41	\$50.00	\$ 400	\$ 425
F	350	ES064	REPLACE FLUORESCENT LIGHTING	210	2010	18	EA	20	14	6	\$250.00	\$ 4,500	\$ 4,778
F	350	ES065	REPLACE ORIGINAL, LOW VOLTAGE	UUU04	1963	1	EA	20	61	-41	\$50.00	\$ 50	\$ 53
F			RECEPTACLE			2	EA	20	14	6	\$250.00		\$ 531
F	351 360	ES066 ES067	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	215 210	2010 2002	20	EA EA	20	22	-2	\$250.00	\$ 500 \$ 5.000	\$ 5,309
H			REPLACE PLOORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE										
F	360	ES068	RECEPTACLE	UUU04	1963	1	EA	20	61	-41	\$50.00	\$ 50	\$ 53
F	361	ES069	REPLACE FLUORESCENT LIGHTING	215	2002	4	EA	20	22	-2	\$250.00	\$ 1,000	\$ 1,062
F	370	ES070	REPLACE FLUORESCENT LIGHTING	110	2001	13	EA	20	23	-3	\$250.00	\$ 3,250	\$ 3,451
F	370	ES071	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	10	EA	20	61	-41	\$50.00	\$ 500	\$ 531
F	371	ES072	REPLACE FLUORESCENT LIGHTING	310	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
F	372	ES073	REPLACE FLUORESCENT LIGHTING	115	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
F	373	ES074	REPLACE FLUORESCENT LIGHTING	115	2002	3	EA	20	22	-2	\$250.00	\$ 750	\$ 796
F	373	ES075	REPLACE ORIGINAL, LOW VOLTAGE	UUU04	1963	2	EA	20	61	-41	\$50.00	\$ 100	\$ 106
			RECEPTACLES										
F	400	ES076	REPLACE INCANDESCENT TRACK LIGHTING	210	2001	30	EA	20	23	-3	\$250.00	\$ 7,500	\$ 7,964
	400	55077	REPLACE ORIGINAL, LOW VOLTAGE		4002	-		20			450.00		
F	400	ES077	RECEPTACLES	UUU04	1963	3	EA	20	61	-41	\$50.00	\$ 150	\$ 159

F F F F F F F F F F F F F F F F F F F	ROOM/ AREA NO. 410 411 411 412 420 430 440 445 450 450 451 451 451 452 460 460 470	ESOR9 ESO80 ESO80 ESO80 ESO80 ESO80 ESO81 ESO82 ESO83 ESO84 ESO85 ESO86 ESO86 ESO86 ESO89 ESO90 ESO90	REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE RECEPTACLE RECEPTACLE REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	FICM CODE 210 210 215 215 210 210 210 210 210 210 210 210 210 210	WAS PUT INTO SERVICE (ITALIC - ESTIMATED) 2010 2010 2010 2002 2002 2002 2002 200	17 2 2 2 9 9 2 2 6 6 20 1 6 6	EA E	AVG EUL (YRS) 20 20 20 20 20 20 20 20 20 20 20	TIME IN USE (YRS)  14  14  14  22  22  22  22  22	RUL (YRS) 6 6 6 -2 -2 -2 -2 -2 -2 -41	\$250.00 \$ \$ \$250.00 \$ \$250	ITEM FIRST COST 500 500 500 2,250 500 1,500 5,000	\$ 531 \$ 531 \$ 2,389 \$ 531 \$ 531 \$ 531 \$ 5,309
F F F F F F F F F F F F F F F F F F F	410 411 412 420 430 440 445 450 450 451 451 451 460 460	ES078 ES079 ES080 ES081 ES082 ES083 ES084 ES085 ES086 ES086 ES086 ES086 ES087 ES088	REPLACE FLUORESCENT LIGHTING REPLACE ROGINAL, LOW VOLTAGE RECEPTACLE REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	210 215 215 210 210 210 210 210 210 210 UUU04 UUU04 UUU04	2010 2010 2010 2002 2002 2002 2002 2002 2002 1963 2002	17 2 2 9 2 2 6 20	EA EA EA EA EA EA EA	20 20 20 20 20 20 20 20 20 20 20	14 14 22 22 22 22 22 22	6 6 6 -2 -2 -2 -2 -2 -2	\$250.00 \$ \$250.00 \$ \$250.00 \$ \$250.00 \$ \$250.00 \$ \$250.00 \$ \$250.00 \$ \$250.00 \$ \$250.00 \$	4,250 500 500 2,250 500 500 1,500	\$ 4,513 \$ 531 \$ 531 \$ 2,389 \$ 531 \$ 531 \$ 1,593 \$ 5,309
F F F F F F F F F F F F F F F F F F F	411 412 420 430 440 445 450 450 451 451 451 452 460 460 470	ES079 ES080 ES081 ES082 ES083 ES084 ES085 ES086 ES087 ES088 ES089 ES090	REPLACE FLUORESCENT LIGHTING REPLACE ROGINAL, LOW VOLTAGE RECEPTACLE REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	215 215 210 210 210 210 210 210 210 UUU04 215 UUU04	2010 2010 2002 2002 2002 2002 2002 2002	2 2 9 2 2 6 20	EA EA EA EA EA EA	20 20 20 20 20 20 20 20 20	14 14 22 22 22 22 22 22	6 6 -2 -2 -2 -2 -2	\$250.00 \$ \$250.00 \$ \$250.00 \$ \$250.00 \$ \$250.00 \$ \$250.00 \$ \$250.00 \$ \$250.00 \$	500 500 2,250 500 500 1,500 5,000	\$ 531 \$ 531 \$ 2,389 \$ 531 \$ 531 \$ 531 \$ 5,309
F F F F F F F F F F F F F F F F F F F	412 420 430 440 445 450 450 451 451 451 452 460 460 470	ES080 ES081 ES082 ES083 ES084 ES085 ES086 ES087 ES088 ES089 ES090 ES090	REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE REPLACE FLUORESCENT LIGHTING	215 210 210 210 210 210 210 210 210 UUU04	2010 2002 2002 2002 2002 2002 2002 1963 2002	2 9 2 2 2 6 20 1	EA EA EA EA EA	20 20 20 20 20 20 20	14 22 22 22 22 22 22	6 2 2 2 2	\$250.00 \$ \$250.00 \$ \$250.00 \$ \$250.00 \$ \$250.00 \$ \$250.00 \$	500 2,250 500 500 1,500 5,000	\$ 531 \$ 2,389 \$ 531 \$ 531 \$ 1,593 \$ 5,309
F F F F F F F F F F F F F F F F F F F	420 430 440 445 450 450 451 451 451 452 460 460	ES081 ES082 ES083 ES084 ES085 ES086 ES087 ES088 ES089 ES090	REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE REPLACE ORIGINAL, LOW VOLTAGE REPLACE FLUORESCENT LIGHTING	210 210 210 210 210 210 210 UUU04 215 UUU04	2002 2002 2002 2002 2002 2002 1963 2002	9 2 2 6 20 1	EA EA EA EA	20 20 20 20 20 20	22 22 22 22 22 22	-2 -2 -2 -2 -2 -2	\$250.00 \$ \$250.00 \$ \$250.00 \$ \$250.00 \$ \$250.00 \$	2,250 500 500 1,500 5,000	\$ 2,389 \$ 531 \$ 531 \$ 1,593 \$ 5,309
F F F F F F F F F F F F F F F F F F F	430 440 445 450 450 451 451 451 452 460 460	ES082 ES083 ES084 ES085 ES086 ES087 ES088 ES089 ES090	REPLACE FLUORESCENT LIGHTING REPLACE FROGINAL, LOW VOLTAGE REPLACE ROGINAL, LOW VOLTAGE REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	210 210 210 210 210 UUU04 215 UUU04	2002 2002 2002 2002 2002 1963	2 2 6 20	EA EA EA EA	20 20 20 20 20	22 22 22 22 22	-2 -2 -2 -2 -2	\$250.00 \$ \$250.00 \$ \$250.00 \$ \$250.00 \$	500 500 1,500 5,000	\$ 531 \$ 531 \$ 1,593 \$ 5,309
F F F F F F F F F F F F F F F F F F F	440 445 450 450 451 451 451 452 460 460	ES083 ES084 ES085 ES086 ES087 ES088 ES089 ES090 ES091	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	210 210 210 210 UUU04 215 UUU04	2002 2002 2002 2002 1963 2002	2 6 20 1	EA EA EA	20 20 20	22 22 22	-2 -2 -2 -2	\$250.00 \$ \$250.00 \$ \$250.00 \$	500 1,500 5,000	\$ 531 \$ 1,593 \$ 5,309
F F F F F F F F F F F F F F F F F F F	445 450 450 451 451 452 460 460 470	ES084 ES085 ES086 ES087 ES088 ES089 ES090	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	210 210 UUU04 215 UUU04	2002 2002 1963 2002	6 20 1	EA EA	20 20	22 22	-2 -2 -2	\$250.00 \$ \$250.00 \$	1,500 5,000	\$ 1,593 \$ 5,309
F F F F F F F F F F F F F F F F F F F	450 450 451 451 452 460 460 470	ES085 ES086 ES087 ES088 ES089 ES090 ES091	REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	210 UUU04 215 UUU04	2002 1963 2002	20	EA	20	22	-2 -41	\$250.00 \$	5,000	\$ 5,309
F F F F F F F F F F F F F F F F F F F	450 451 451 452 460 460 470	ES086 ES087 ES088 ES089 ES090 ES091	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	UUU04 215 UUU04	1963 2002	1				-41			
F F F F F	451 452 460 460 470	ES088 ES089 ES090	REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	UUU04		6		1 20	61	-	+==.50 Y		
F F F F	451 452 460 460 470	ES088 ES089 ES090	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	UUU04			EA	20	22	-2	\$250.00 \$	1,500	\$ 1,593
F F F F	460 460 470	ES090 ES091	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	215		1	EA	20	61	-41	\$50.00 \$	50	
F F F F	460 460 470	ES090 ES091	REPLACE FLUORESCENT LIGHTING		2002	2	EA	20	22	-2	\$250.00 \$	500	\$ 531
F F	470		DEDITOR ODICINAL LOWINGITAGE	210	2002	20	EA	20	22	-2	\$250.00 \$		\$ 5,309
F F	470		REPLACE ORIGINAL, LOW VOLTAGE	UUU04	1963	2	EA	20	61	-41	\$50.00 \$	100	\$ 106
F F			RECEPTACLES			_							1
F	470	ES092	REPLACE FLUORESCENT LIGHTING	210	2001	15	EA	20	23	-3	\$250.00 \$	3,750	\$ 3,982
F		ES093	REPLACE INCANDESCENT TRACK LIGHTING	210	2001	30	EA	20	23	-3	\$250.00 \$	7,500	\$ 7,964
	470	ES094	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	4	EA	20	61	-41	\$50.00 \$	200	\$ 212
- 1	501	ES096	REPLACE FLUORESCENT LIGHTING	310	2004	2	EA	20	20	0	\$250.00 \$	500	\$ 531
-	510	ES097	REPLACE FLUORESCENT LIGHTING	310	2004	2	EA	20	20	0	\$250.00 \$		\$ 531
F	511	ES098	REPLACE FLUORESCENT LIGHTING	310	2004	2	EA	20	20	0	\$250.00 \$	500	
F	512	ES099	REPLACE FLUORESCENT LIGHTING	310	2004	2	EA	20	20	0	\$250.00 \$		\$ 531
F	514 520	ES100 ES101	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	310 310	2004 2004	2	EA EA	20	20 20	0	\$250.00 <b>\$</b> \$250.00 <b>\$</b>	500 250	\$ 531 \$ 265
F	520	ES101 ES102	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	310	2004	2	EA	20	20	0	\$250.00 \$		\$ 265
F	522	ES103	REPLACE FLUORESCENT LIGHTING	310	2004	2	EA	20	20	0	\$250.00 \$	500	
F	523	ES104	REPLACE FLUORESCENT LIGHTING	310	2004	2	EA	20	20	0	\$250.00 \$	500	
			REPLACE ORIGINAL, LOW VOLTAGE										
F	530	ES105	RECEPTACLES REPLACE ORIGINAL, LOW VOLTAGE	UUU04	1963	40	EA	20	61	-41	\$50.00 \$		\$ 2,124
F	533	ES106	RECEPTACLES	UUU04	1963	3	EA	20	61	-41	\$50.00 \$		\$ 159
F	550 560	ES107 ES108	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	310 310	2002 2002	2	EA EA	20	22	-2	\$250.00 <b>\$</b> \$250.00 <b>\$</b>	500 500	\$ 531 \$ 531
F	572	ES108 ES109	REPLACE FLUORESCENT LIGHTING	310	2010	6	EA	20	14	6	\$250.00 \$		\$ 1,593
F	573	ES110	REPLACE FLUORESCENT LIGHTING	310	2010	3	EA	20	14	6	\$250.00 \$	750	
F	580	ES111	REPLACE FLUORESCENT LIGHTING	215	1999	2	EA	20	25	-5	\$250.00 \$		\$ 531
F	581	ES112	REPLACE FLUORESCENT LIGHTING	210	1999	2	EA	20	25	-5	\$250.00 \$		\$ 531
F	582	ES113	REPLACE FLUORESCENT LIGHTING	210	1999	2	EA	20	25	-5	\$250.00 \$	500	\$ 531
F	590	ES114	REPLACE FLUORESCENT LIGHTING	310	2002	2	EA	20	22	-2	\$250.00 \$		\$ 531
F	591	ES115	REPLACE FLUORESCENT LIGHTING	310	2002	2	EA	20	22	-2	\$250.00 \$		\$ 531
F	592	ES116	REPLACE FLUORESCENT LIGHTING	310	2002	2	EA	20	22	-2	\$250.00 \$		\$ 531
F F	593 594	ES117	REPLACE FLUORESCENT LIGHTING	310 310	2002 2002	2	EA EA	20 20	22	-2	\$250.00 <b>\$</b> \$250.00 <b>\$</b>		\$ 531 \$ 531
F	1000	ES118 ES119	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	W06	2002	2 8	EA	20	22 22	-2	\$250.00 \$		\$ 2,124
F	1000	ES120	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	61	-41	\$50.00 \$		\$ 53
F	1001	ES121	REPLACE FLUORESCENT LIGHTING	W06	2002	12	EA	20	22	-2	\$250.00 \$	3,000	\$ 3,186
F	1001	ES122	REPLACE FLUORESCENT LIGHTING	W06	2002	8	EA	20	22	-2	\$250.00 \$		\$ 2,124
F	1002	ES123	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	61	-41	\$50.00 \$		\$ 53
F	1100	ES124	REPLACE FLUORESCENT LIGHTING	W06	2002	20	EA	20	22	-2	\$250.00 \$	5,000	\$ 5,309
F	1100	ES125	REPLACE LIGHTING AND RECEPTACLE PANELS	W06	1963	2	EA	20	61	-41	\$5,000.00 \$	10,000	\$ 10,619
F	1100	ES126	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	3	EA	20	61	-41	\$50.00 \$	150	\$ 159
F	1200	ES127	REPLACE FLUORESCENT LIGHTING	W06	2002	20	EA	20	22	-2	\$250.00 \$	5,000	\$ 5,309
F	1200	ES128	REPLACE LIGHTING AND RECEPTACLE PANELS	W06	1963	2	EA	20	61	-41	\$5,000.00 \$	10,000	\$ 10,619
F	1200	ES129	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	4	EA	20	61	-41	\$50.00 \$	200	\$ 212
F	2000	ES130	REPLACE FLUORESCENT LIGHTING	W06	2002	8	EA	20	22	-2	\$250.00 \$	2.000	\$ 2,124
F	2000	ES131	REPLACE FLUORESCENT LIGHTING	W06	2002	8	EA	20	22	-2	\$250.00 \$	2,000	\$ 2,124
F	2002	ES132	REPLACE FLUORESCENT LIGHTING	W06	2002	8	EA	20	22	-2	\$250.00 \$	,	\$ 2,124
F	3000	ES133	REPLACE FLUORESCENT LIGHTING	W06	2002	8	EA	20	22	-2	\$250.00 \$	2,000	\$ 2,124

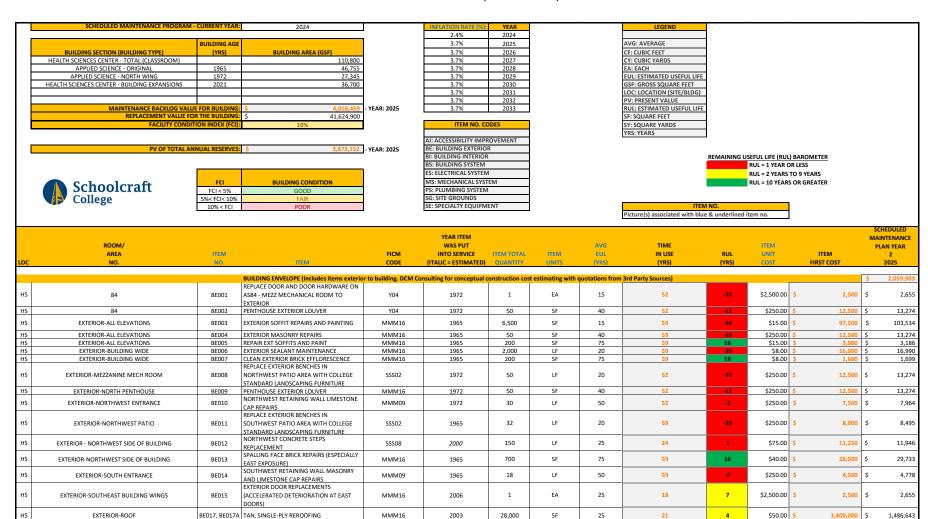
LOC	ROOM/ AREA NO.	ITEM NO.	ITEM	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 2 2025
F	3000	ES134	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	61	-41	\$50.00	\$ 50	\$ 53
F	3001	ES135	REPLACE FLUORESCENT LIGHTING	W06	2002	4	EA	20	22	-2	\$250.00	\$ 1,000	\$ 1,062
F	3001	ES136	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	2	EA	20	61	-41	\$50.00	\$ 100	\$ 106
F	3002	ES137	REPLACE FLUORESCENT LIGHTING	W06	2002	8	EA	20	22	-2	\$250.00	\$ 2,000	\$ 2,124
F	3002	ES138	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	61	-41	\$50.00	\$ 50	\$ 53
F	4000	ES139	REPLACE FLUORESCENT LIGHTING	W06	2002	8	EA	20	22	-2	\$250.00	\$ 2,000	\$ 2,124
F	4000	ES140	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	61	-41	\$50.00	\$ 50	\$ 53
F	4001	ES141	REPLACE FLUORESCENT LIGHTING	W06	2002	12	EA	20	22	-2	\$250.00	\$ 3,000	
F	4002	ES142	REPLACE FLUORESCENT LIGHTING	W06	2002	8	EA	20	22	-2	\$250.00	\$ 2,000	\$ 2,124
F	4002	ES143	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	20	61	-41	\$50.00	*	,
F	EXTERIOR	ES144	REPLACE BLDG MTD EXTERIOR LIGHTING	UUU10	2002	14	EA	20	22	-2	\$250.00	\$ 3,500	
			BUILDING SYSTEMS (Fire, security, IT/media			al construction							\$ 69,023
F	INTERIOR-BUILDING WIDE	BS001	NATIONAL TIME (NTS) CLOCK SYSTEM	UUU25	1963	1	EA	20	61	-41	\$50,000.00	\$ 50,000	\$ 53,094
F	INTERIOR-BUILDING WIDE	BS002	IT SYSTEMS	UUU02	1999	1	EA	20	25	-5	\$15,000.00	\$ 15,000	\$ 15,928
			SPECIALTY EQUIPMENT (Food service, theati	e, labs, shops. DCM C	onsulting for conceptua	construction of	ost estimating wit	h quotations fro	om 3rd Party Sources)				\$ -
F										0	\$0.00	\$ -	\$ -
			ACCESSIBILITY IMPROVEMENTS (Building co	des & ADA standards f	or accessible design. Do	CM Consulting f	or conceptual cons	struction cost es	timating with quotations from	3rd Party Sourc	es)		\$ 331,309
F	INTERIOR	AI001	ADA WHEELCHAIR LIFT FOR IMPROVED ACCESS BETWEEN UPPER AND LOWER HALVES OF FORUM	W06	1963	1	EA	25	61	-36	\$312,000.00	\$ 312,000	\$ 331,309
										ANNU	AL FUNDING REC	QUIREMENTS (ROUNDED):	\$ 5,110,807



	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
LOC	AREA NO.	ITEM	ITEM	FICM	INTO SERVICE (ITALIC = ESTIMATED)	OUANTITY	ITEM UNITS	EUL (YRS)	IN USE (YRS)	RUL (YRS)	UNIT	ITEM FIRST COST	2 2025
GC	186	BI010	ACOUSTICAL CEILING PANELS NOT IN GRID	315	2005	200	SF	5	19	-14	\$7.00		\$ 1,487
GC	190	BI011, BI011A		315	2004	400	SF	5	20	-15	\$4.00	\$ 1,600	\$ 1,699
GC	220	BI012	ACOUSTICAL CEILING PANELS ARE CHIPPED,	310	2008	400	SF	2	16	-14	\$7.00	-,	\$ 2,973
GC			SCRATCHED, AND BROKEN ACOUSTICAL CEILING PANELS ARE CHIPPED,		<b>+</b>	150	SF	2	57	-55	\$7.00	\$ 1,050	\$ 1,115
$\vdash$	230	BI013	SCRATCHED, AND SAGGING CARPET IS WORN AND NEEDS	315	1967						-	<u> </u>	
GC	230	BI014	REPLACEMENT	315	1967	150	SF	2	57	-55	\$7.00	\$ 1,050	\$ 1,115
GC	520	BI015	ACOUSTICAL CEILING PANELS ARE CHIPPED, BROKEN, AND SOME NOT IN GRID	350	1998	500	SF	2	26	-24	\$7.00	\$ 3,500	\$ 3,717
GC	1000	BI016, BI016A	ENTRY DOORS G6 ARE WORN AND NEEDS NEW HARDWARE	W06	2004	1	PAIR	5	20	-15	\$2,500.00	\$ 2,500	\$ 2,655
GC	1000	BI017	TOILET ALCOVE CEILING IS 1X1 AC TILES AND SHOULD BE REPLACED	W06	1963	40	SF	2	61	-59	\$7.00	\$ 280	\$ 297
GC	2000	BI018	ENTRY DOORS G5 ARE WORN AND NEEDS	W06	2004	1	PAIR	5	20	-15	\$2,500.00	\$ 2,500	\$ 2,655
GC	2000	BI019	NEW HARDWARE ENTRY DOORS G3 ARE WORN AND NEEDS	W06	2004	1	PAIR	5	20	-15	\$2,500.00	\$ 2,500	\$ 2,655
			NEW HARDWARE PLUMBING SYSTEMS (May be packaged with 8	BI item scope, DCM	Consulting for conceptu	al construction	cost estimating v	vith quotations	from 3rd Party Sources)				\$ 10,194
GC	INTERIOR-BUILDING WIDE	PS001	UPGRADE TOILET ROOM FIXTURES	X03	2006	3	EA	40	18	22	\$3,200.00	\$ 9,600	\$ 10,194
		1	MECHANICAL SYSTEMS (May be packaged wit MECHANICAL SUMP PUMP MAINTENANCE /						ns from 3rd Party Sources)				Ç 555,011
GC	12	MS001	REPLACEMENT	Y04	2006	1	LS	15	18	-3	\$3,500.00		\$ 3,717
GC	12	MS002	RIDGID INSULATION ON DUCTWORK  AIR HANDLING UNIT REPLACEMENT	Y04	1963	50	SF	15	61	-46	\$8.00	\$ 400	\$ 425
GC	12	MS003	(ORIGINAL UNIT HOUSING MODIFIED AND RECOMMISSIONED IN 2006)	Y04	2006	1	EA	25	18	7	\$75,000.00	\$ 75,000	\$ 79,642
GC	12	MS004	RETURN AIR FAN MAINTENANCE	Y04	2006	1	EA	25	18	7	\$3,500.00	\$ 3,500	\$ 3,717
GC	12	MS005	CHILLED WATER DISTRIBUTION PUMP REPLACEMENTS	Y04	2006	2	EA	20	18	2	\$30,000.00	\$ 60,000	\$ 63,713
GC	12	MS006	HEATING HOT WATER DISTRIBUTION PUMP REPLACEMENTS	Y04	2006	2	EA	20	18	2	\$30,000.00	\$ 60,000	\$ 63,713
GC	12	MS007	HEATING HOT WATER BOILER CIRCULATING PUMPS	Y04	2006	2	EA	20	18	2	\$30,000.00	\$ 60,000	\$ 63,713
GC	12	MS008	HEATING HOT WATER BOILER REPLACEMENTS	Y04	2006	4	EA	20	18	2	\$50,000.00	\$ 200,000	\$ 212,378
GC	INTERIOR-BUILDING WIDE	MS009	HVAC SYSTEM CLEANING	UUU25	1999	15,076	SF	10	25	-15	\$3.00	\$ 45,228	\$ 48,027
GC	12	ES001	ELECTRICAL SYSTEMS (May be packaged with	BI item scope. DCN Y04		ual constructio	n cost estimating EA	with quotations 20	s from 3rd Party Sources)	-41	\$25,000.00	\$ 25,000	\$ 273,277 \$ 26,547
GC	12	ES002	MAIN SWITCHBOARD REPLACE ORIGINAL ELECTRICAL	Y04	1963 1963	1	EA	20	61	-41	\$25,000.00	\$ 25,000	\$ 26,547
GC	12	ES003	DISTRIBUTION EQUIPMENT REPLACE FLUORESCENT LIGHTING	Y04	2021	8	EA	20	3	17	\$250.00	\$ 2,000	\$ 20,347
			REPLACE ORIGINAL, LOW VOLTAGE										
GC	12	ES004	RECEPTACLE ON NORTH WALL (EXTERIOR OF SOUTH WALL TO GC13)	UUU04	1963	1	EA	50	61	-11	\$50.00	\$ 50	\$ 53
GC	12	ES005	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE ON NORTH WALL BENEATH ELECTRICAL PANEL "AHE"	UUU04	1963	1	EA	50	61	-11	\$50.00	\$ 50	\$ 53
GC	12	ES006	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE ON EAST WALL BENEATH ELECTRICAL PANEL "AL3"	UUU04	1963	1	EA	50	61	-11	\$50.00	\$ 50	\$ 53
GC	12	ES007	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE ON WEST WALL	UUU04	1963	1	EA	50	61	-11	\$50.00	\$ 50	\$ 53
GC	12	ES008	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE ON SUMP PUMP NEAR NW	UUU04	1963	1	EA	50	61	-11	\$50.00	\$ 50	\$ 53
GC	12A	ES009	CORNER OF ROOM REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE ON NORTH WALL NEAR	UUU04	1963	1	EA	50	61	-11	\$50.00	\$ 50	\$ 53
GC	13	FC010	CRAWL SPACE LADDER	V04	2021	12	EA	20	3	17	\$250.00	\$ 3,000	\$ 3.186
GC	13 13	ES010 ES011	REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE	Y04 UUU04	2021 1963	2	EA EA	50	61	-11	\$250.00	, ,,,,,	\$ 3,186 \$ 106
GC	20	ES012	RECEPTACLE ON NORTH WALL REPLACE FLUORESCENT LIGHTING	X01	2021	1	EA	20	3	17	\$250.00	\$ 250	\$ 265
GC	40	ES013	REPLACE FLUORESCENT LIGHTING	X03	2021	1	EA	20	3	17	\$250.00		

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
GC	50	ES014	REPLACE FLUORESCENT LIGHTING	X03	2021	1	EA	20	3	17	\$250.00 \$	250	
GC GC	60	ES015	REPLACE FLUORESCENT LIGHTING	X01	2021	1 10	EA EA	20 20	3	17 17	\$250.00 \$ \$250.00 \$	250	\$ 265 \$ 2,655
	100	ES016	REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE	750	2021								
GC	100	ES017	RECEPTACLES	UUU04	1963	5	EA	50	61	-11	\$50.00 \$	250	\$ 265
GC	105	ES018	REPLACE FLUORESCENT LIGHTING	310	2021	4	EA	20	3	17	\$250.00 \$	1,000	\$ 1,062
GC	105	ES019	REPLACE ORIGINAL, LOW VOLTAGE	UUU04	1963	6	EA	50	61	-11	\$50.00 \$	300	\$ 319
GC	110	ES020	RECEPTACLES REPLACE FLUORESCENT LIGHTING	355	2021	4	EA	20	3	17	\$250.00 \$	1,000	\$ 1,062
			REPLACE PLOORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE										
GC	110	ES021	RECEPTACLES	UUU04	1963	2	EA	50	61	-11	\$50.00 \$	100	\$ 106
GC	150	ES022	REPLACE LIGHTING	310	2021	8	EA	20	3	17	\$250.00 \$	2,000	\$ 2,124
GC	150	ES023	REPLACE ORIGINAL, LOW VOLTAGE	UUU04	1963	2	EA	50	61	-11	\$50.00 \$	100	\$ 106
GC		ES024	RECEPTACLES			1	EA	20	3	17	\$250.00 \$		\$ 265
GC	151 152	ES024 ES025	REPLACE LIGHTING REPLACE LIGHTING	315 315	2021 2021	1	EA	20	3	17	\$250.00 \$	250	
GC	160	ES026	REPLACE FLUORESCENT LIGHTING	310	2021	8	EA	20	3	17	\$250.00 \$		\$ 2,124
GC	161	ES027	REPLACE FLUORESCENT LIGHTING	310	2021	4	EA	20	3	17	\$250.00 \$		\$ 1,062
GC	161	ES028	REPLACE ORIGINAL, LOW VOLTAGE	UUU04	1963	2	EA	50	61	-11	\$50.00 \$	100	\$ 106
			RECEPTACLES										
GC	162	ES029	REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL ELECTRICAL	310	2021	6	EA	20	3	17	\$250.00 \$	1,500	\$ 1,593
GC	162	ES030	DISTRIBUTION EQUIPMENT	315	1963	6	EA	20	61	-41	\$25,000.00 \$	150,000	\$ 159,283
GC	163	ES031	REPLACE FLUORESCENT LIGHTING	310	2021	2	EA	20	3	17	\$250.00 \$	500	\$ 531
			REPLACE FOUR (4) ORIGINAL, LOW										
GC	163	ES032	VOLTAGE RECEPTACLES & FIVE (5) OTHER LOW VOLTAGE RECEPTACLES THAT HAVE BEEN PAINTED OVER	UUU04	1963	9	EA	50	61	-11	\$50.00 \$	450	\$ 478
GC	164	ES033	REPLACE FLUORESCENT LIGHTING	310	2021	3	EA	20	3	17	\$250.00 \$	750	\$ 796
GC	164	ES034	REPLACE ORIGINAL, LOW VOLTAGE	UUU04	1963	1	EA	50	61	-11	\$50.00 \$	50	\$ 53
GC			RECEPTACLE				EA	20	3	17	\$250.00 \$		\$ 531
	165	ES035	REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE	310	2021	2							
GC	165	ES036	RECEPTACLES	UUU04	1963	2	EA	50	61	-11	\$50.00 \$	100	\$ 106
GC	166	ES037	REPLACE FLUORESCENT LIGHTING	310	2021	2	EA	20	3	17	\$250.00 \$	500	
GC	180	ES038	REPLACE FLUORESCENT LIGHTING	310	2021	2	EA	20	3	17	\$250.00 \$	500	\$ 531
GC	180	ES039	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	3	EA	50	61	-11	\$50.00 \$	150	\$ 159
GC	181	ES040	REPLACE FLUORESCENT LIGHTING	310	2021	3	EA	20	3	17	\$250.00 \$	750	\$ 796
GC			REPLACE ORIGINAL, LOW VOLTAGE			4		50	61			200	·
	181	ES041	RECEPTACLES	UUU04	1963		EA			-11	\$50.00 \$		*
GC	182	ES042	REPLACE FLUORESCENT LIGHTING	310	2021	3	EA	20	3	17	\$250.00 \$	750	\$ 796
GC	182	ES043	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	2	EA	50	61	-11	\$50.00 \$	100	\$ 106
GC	183	ES044	REPLACE FLUORESCENT LIGHTING	310	2021	3	EA	20	3	17	\$250.00 \$	750	\$ 796
GC			REPLACE ORIGINAL, LOW VOLTAGE			12	EA	50	61	-11	\$50.00 \$	600	\$ 637
	183	ES045	RECEPTACLES	UUU04	1963								
GC GC	184	ES046	REPLACE FLUORESCENT LIGHTING	310	2021	2	EA	20	3	17 17	\$250.00 \$	500	\$ 531
GC	185 186	ES047 ES048	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	310 315	2021 2021	4	EA EA	20 20	3	17 17	\$250.00 \$ \$250.00 \$	1 000	\$ 531 \$ 1,062
			REPLACE PLOORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE						3			1,000	
GC	186	ES049	RECEPTACLE	UUU04	1963	1	EA	50	61	-11	\$50.00 \$	50	\$ 53
GC	190	ES050	REPLACE FLUORESCENT LIGHTING	310	2021	6	EA	20	3	17	\$250.00 \$	1,500	\$ 1,593
GC	190	ES051	REPLACE ORIGINAL, LOW VOLTAGE	UUU04	1963	4	EA	50	61	-11	\$50.00 \$	200	\$ 212
GC		ES052	RECEPTACLES  REDI ACE ELLIOPESCENT LIGHTING			2	EA	20	3	17	\$250.00 \$	500	\$ 531
	191		REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE	310	2021								
GC	191	ES053	RECEPTACLES	UUU04	1963	2	EA	50	61	-11	\$50.00 \$	100	\$ 106
GC	200	ES054	REPLACE FLUORESCENT LIGHTING	X03	2021	2	EA	20	3	17	\$250.00 \$	500	\$ 531
GC	210	ES055	REPLACE FLUORESCENT LIGHTING	X03	2021	2	EA	20	3	17	\$250.00 \$		\$ 531
GC	220	ES056	REPLACE FLUORESCENT LIGHTING	310	2021	6	EA	20	3	17	\$250.00 \$	1,500	\$ 1,593
GC	220	ES057	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	2	EA	50	61	-11	\$50.00 \$	100	\$ 106
GC	221	ES058	REPLACE FLUORESCENT LIGHTING	310	2021	3	EA	20	3	17	\$250.00 \$	750	\$ 796
GC	221	ES059	REPLACE ORIGINAL, LOW VOLTAGE	UUU04	1963	4	EA	50	61	-11	\$50.00 \$	200	\$ 212
			RECEPTACLES			· ·			01				
GC	222	ES060	REPLACE FLUORESCENT LIGHTING	310	2021	2	EA	20	3	17	\$250.00 \$	500	\$ 531

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 2 2025
GC	222	ES061	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	50	61	-11	\$50.00	\$ 50	\$ 53
GC	230	ES062	REPLACE FLUORESCENT LIGHTING	315	2021	1	EA	20	3	17	\$250.00	\$ 250	\$ 265
GC	230	ES063	REPLACE PLUGSTRIP WITH MODERN RACEWAY AND 120 V RECEPTACLE	UUU04	1963	1	EA	50	61	-11	\$50.00	\$ 50	\$ 53
GC	250	ES064	REPLACE FLUORESCENT LIGHTING	310	2012	6	EA	20	12	8	\$250.00	\$ 1,500	\$ 1,593
GC	250	ES065	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	6	EA	50	61	-11	\$50.00	\$ 300	\$ 319
GC	251	ES066	REPLACE FLUORESCENT LIGHTING	310	2021	4	EA	20	3	17	\$250.00	\$ 1,000	\$ 1,062
GC	251	ES067	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE	UUU04	1963	1	EA	50	61	-11	\$50.00		
GC	252	ES068	REPLACE FLUORESCENT LIGHTING	310	2021	3	EA	20	3	17	\$250.00		
GC	510	ES069	REPLACE FLUORESCENT LIGHTING	355	1963	3	EA	20	61	-41	\$250.00	\$ 750	\$ 796
GC	510	ES070	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	4	EA	50	61	-11	\$50.00		
GC	520	ES071	REPLACE LIGHTING	350	1998	15	EA	20	26	-6	\$250.00		
GC GC	1000	ES072	REPLACE FLUORESCENT LIGHTING REPLACE ORIGINAL, LOW VOLTAGE	W06	2006	16 2	EA EA	20 50	18 61	-11	\$250.00 \$50.00		
	1000	ES073	RECEPTACLES	UUU04	1963							1	
GC	1001	ES074	REPLACE FLUORESCENT LIGHTING	W06	2006	6	EA	20	18	2	\$250.00	\$ 1,500	\$ 1,593
GC	1001	ES075	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE LOCATED AT NORTH ENTRANCE TO GC520	UUU04	1963	1	EA	50	61	-11	\$50.00	\$ 50	\$ 53
GC	1002	ES076	REPLACE FLUORESCENT LIGHTING	W06	2006	6	EA	20	18	2	\$250.00	\$ 1,500	\$ 1,593
GC	1002	ES077	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLE LOCATED AT SOUTH ENTRANCE TO GC520	UUU04	1963	1	EA	50	61	-11	\$50.00	\$ 50	\$ 53
GC	2000	ES078	REPLACE FLUORESCENT LIGHTING	W05	2006	16	EA	20	18	2	\$250.00	\$ 4,000	\$ 4,248
GC	2000	ES079	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	3	EA	50	61	-11	\$50.00	\$ 150	\$ 159
GC	2001	ES080	REPLACE FLUORESCENT LIGHTING	W06	2021	3	EA	20	3	17	\$250.00	\$ 750	\$ 796
GC	2001	ES081	REPLACE ORIGINAL, LOW VOLTAGE RECEPTACLES	UUU04	1963	6	EA	50	61	-11	\$50.00	\$ 300	\$ 319
GC	EXTERIOR-LIGHTING	ES082	EXTERIOR BUILDING MOUNTED LIGHTING	UUU10	2006	10	EA	20	18	2	\$250.00	\$ 2,500	\$ 2,655
			BUILDING SYSTEMS (Fire, security, IT/media										\$ 61,059
GC	12	BS001	BOILER EPO SYSTEM	Y04	2006	1	EA	20	18	2	\$7,500.00	\$ 7,500	\$ 7,964
GC	13	BS002	NATIONAL TIME & SIGNAL (NTS) CLOCK SYSTEM	Y04	1963	1	EA	20	61	-41	\$50,000.00	\$ 50,000	\$ 53,094
-			SPECIALTY EQUIPMENT (Food service, theat	re, labs, shops. DCM	Consulting for conceptu	al construction	cost estimating v	with quotations	from 3rd Party Sources)		40.00		\$ -
GC	<u> </u>		ACCESSIBILITY INADDOVENABILES (2011)	des C ADA standard	for acceptable decime.	CNA Consult's	fa	notaustiau cost	antimoting with average	O O	\$0.00	-	\$ - \$ 1.063
GC	1000	AI001	ACCESSIBILITY IMPROVEMENTS (Building co	W05 AND W06	1963	CM Consulting	for conceptual co	50	estimating with quotations fro 61	om 3rd Party So -11	\$200.00	\$ 200	
GC	1000	AI001 AI002	FIRE EXTINGUISHER ACCESSIBILITY	W05 AND W06	1963	1	EA	50	61	-11	\$200.00		
GC	1002	AI002	FIRE EXTINGUISHER ACCESSIBILITY	W05 AND W06	1963	1	EA	50	61	-11	\$200.00		
GC	2000	AI004	FIRE EXTINGUISHER ACCESSIBILITY	W05 AND W06	1963	1	EA	50	61	-11	\$200.00		
GC	2001	AI005	FIRE EXTINGUISHER ACCESSIBILITY	W05 AND W06	1963	1	EA	50	61	-11	\$200.00	\$ 200	\$ 213
										ANNUA	FUNDING RE	QUIREMENTS (ROUNDED):	\$ 1,296,953



EXTERIOR-ROOF

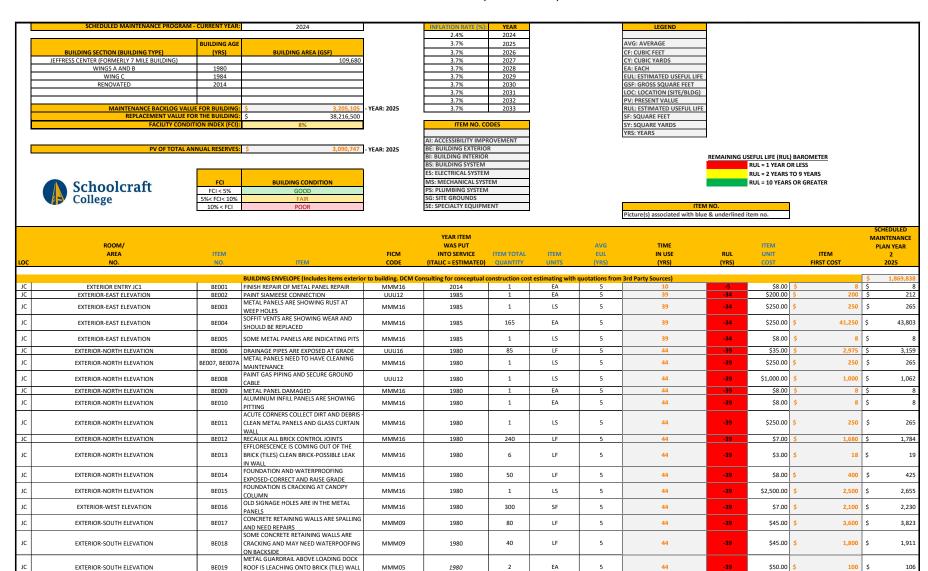
STANDING SEAM METAL ROOFING

MMM16

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDUL MAINTENA PLAN YEA	ANCE
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2	
LOC	NO.	NO.	BUILDING INTERIOR (DCM Consulting for con	CODE construction	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025	68.933
HS	40	BI001	SOUTH WING TOILET ROOM UPGRADES (INCLUDES PLUMBING FIXTURES, ADA COMPLIANCE IMPROVEMENTS, AND LIGHTING UPGRADES)	х03	2004	450	SF	25	20	5	\$300.00	\$ 135,000		43,355
HS	41	BI002	SOUTH WING TOILET ROOM UPGRADES (INCLUDES PLUMBING FIXTURES, ADA COMPLIANCE IMPROVEMENTS, AND LIGHTING UPGRADES)	Х03	2004	400	SF	25	20	5	\$300.00	\$ 120,000	\$ 12	27,427
HS	44	BI003	NORTH WING TOILET ROOM UPGRADES (INCLUDES PLUMBING FIXTURES, ADA COMPLIANCE IMPROVEMENTS, AND LIGHTING UPGRADES)	х03	2008	450	SF	25	16	9	\$300.00	\$ 135,000	\$ 14	.43,355
HS	45	BIOO4	NORTH WING TOILET ROOM UPGRADES (INCLUDES PLUMBING FIXTURES, ADA COMPLIANCE IMPROVEMENTS, AND LIGHTING UPGRADES)	х03	2008	400	SF	25	16	9	\$300.00	\$ 120,000	\$ 12	27,427
HS	581	BI005	REPLACE DAMAGED AND STAINED ACOUST CEILING PANELS	310	2007	400	SF	5	17	-12	\$7.00	\$ 2,800	\$	2,973
HS	710	BI006	REPLACE DAMAGED AND STAINED ACOUST CEILING PANELS	110	2008	625	SF	5	16	-11	\$7.00	\$ 4,375	\$	4,646
HS	740	BI007	REPLACE DAMAGED AND SAGGING ACOUST CEILING PANELS	110	2005	500	SF	2	19	-17	\$7.00	\$ 3,500	\$	3,717
HS	820	BI008	REPLACE DAMAGED AND SAGGING ACOUST CEILING PANELS	110	2005	900	SF	2	19	-17	\$7.00	\$ 6,300	\$	6,690
HS	840	BI009	REPLACE DAMAGED AND CHIPPED ACOUST CEILING PANELS	210	2005	900	SF	5	19	-14	\$7.00	\$ 6,300	\$	6,690
HS	850	BI010	FINISH CLOSING DOOR OPENING WHICH IS JUST PLYWOOD (FORMER EXT DR)	210	2000	30	SF	2	24	-22	\$50.00	\$ 1,500	\$	1,593
HS	855	BI011	FINISH 2X STRUCTURED LOW VOLT PANEL WALL	210	2000	20	LF	2	24	-22	\$50.00	\$ 1,000		1,062
	1		PLUMBING SYSTEMS (May be packaged with	BI item scope, DCM	Consulting for conceptua	construction c	ost estimating wit	h quotations fro	m 3rd Party Sources)				\$ 7	70,085
HS	12	PS001	DOMESTIC HOT WATER REPLACEMENT - SOUTH WING	Y04	2008	1	EA	10	16	-6	\$5,000.00	\$ 5,000	\$	5,309
HS	84	PS002	DOMESTIC HOT WATER REPLACEMENT - NORTH WING	Y04	2008	1	EA	10	16	-6	\$5,000.00			5,309
HS HS	94 97		PLUMBING FIXTURES - SOUTH PLUMBING FIXTURES - NORTH	X03 X03	2004 2008	10	EA EA	40 40	20 16	20 24	\$2,300.00 \$2,300.00	\$ 23,000 \$ 23,000		24,423
113				AU3			2	40	10				2 د ا	
uc			INVESTIGATE SLOW FLUSHING URINALS IN	voa		10	10	4	16		¢10,000,00	ć 10.000	ć 1	10 (10
HS	97	PS005	NORTH GANG TOILETS - ALLOWANCE	х03	2008	1	LS	1	16	-15	\$10,000.00	\$ 10,000		10,619
HS		PS005	NORTH GANG TOILETS - ALLOWANCE  MECHANICAL SYSTEMS (May be packaged wi NURSING LABS AIR COMPRESSOR (FOR		2008	1		_			\$10,000.00		\$ 88	10,619 81,898 31,857
	97	PS005 MS001	NORTH GANG TOILETS - ALLOWANCE  MECHANICAL SYSTEMS (May be packaged w)  NURSING LABS AIR COMPRESSOR (FOR  OXYGEN SIMULATION) REPLACEMENT  NURSING LABS VACUUM PUMP	th BI item scope. DC	2008  M Consulting for concept	1 rual construction	n cost estimating	with quotations	from 3rd Party Sources)			\$ 30,000	\$ 88 \$ 3	81,898
HS	97	MS001 MS002 MS003	NORTH GANG TOILETS - ALLOWANCE MECHANICAL SYSTEMS (May be packaged w NURSING LABS AIR COMPRESSOR (FOR OXYGEN SIMULATION) REPLACEMENT NURSING LABS VACUUM PUMP REPLACEMENT (SOUTH WING) MAIN COMPUTER ROOM PRIMARY A/C SYSTEM AND ASSOCIATED ROOF MOUNTED	ith BI item scope. DC	2008 M Consulting for concept 2005	1 cual constructio	n cost estimating	with quotations 20	from 3rd Party Sources)	-15 1	\$30,000.00	\$ 30,000	\$ 88 \$ 3 \$ 3	81,898 31,857
HS HS	97 100 100	MS001 MS002 MS003	NORTH GANG TOILETS - ALLOWANCE MECHANICAL SYSTEMS (May be packaged w NURSING LABS AIR COMPRESSOR (FOR OXYGEN SIMULATION) REPLACEMENT NURSING LABS VACUUM PUMP REPLACEMENT (SOUTH WING) MAIN COMPUTER ROOM PRIMARY A/C SYSTEM AND ASSOCIATED ROOF MOUNTED CONDENSER REPLACEMENT OF FIVE (S) INDOOR AIR HANDLING UNITS INSTALLED UNDER MECHANICAL SYSTEMS UPGRADE PROJECT	210	2008 M Consulting for concept 2005 2005	1 rual constructio 1	n cost estimating to	with quotations 20 20	from 3rd Party Sources)  19  19	-15 1 1	\$30,000.00	\$ 30,000 \$ 30,000 \$ 25,000	\$ 88 \$ 3 \$ 2	81,898 31,857 31,857
HS HS	97 100 100 143	MS001 MS002 MS003 MS004	NORTH GANG TOILETS - ALLOWANCE MECHANICAL SYSTEMS (May be packaged w NURSING LABS AIR COMPRESSOR (FOR OXYGEN SIMULATION) REPLACEMENT NURSING LABS VACUUM PUMP REPLACEMENT (SOUTH WING) MAIN COMPUTER ROOM PRIMARY A/C SYSTEM AND ASSOCIATED ROOF MOUNTED CONDENSER REPLACEMENT OF FIVE (S) INDOOR AIR HANDLING UNITS INSTALLED UNDER MECHANICAL SYSTEMS UPGRADE PROJECT (CLIMATECRAFT)	210 210 715	2008  M Consulting for concept 2005 2005 2010	1 1 1 1 1	n cost estimating EA EA EA	20 20 20	from 3rd Party Sources)  19  19  14	1 1 6	\$30,000.00 \$30,000.00 \$25,000.00	\$ 30,000 \$ 30,000 \$ 25,000	\$ 88 \$ 3 \$ 2 \$ 63	81,898 31,857 31,857 26,547
HS HS HS	97 100 100 143	MS001 MS002 MS003 MS004	NORTH GANG TOILETS - ALLOWANCE MECHANICAL SYSTEMS (May be packaged w NURSING LABS AIR COMPRESSOR (FOR OXYGEN SIMULATION) REPLACEMENT NURSING LABS VACUUM PUMP REPLACEMENT (SOUTH WING) MAIN COMPUTER ROOM PRIMARY A/C SYSTEM AND ASSOCIATED ROOF MOUNTED CONDENSER REPLACEMENT OF FIVE (S) INDOOR AIR HANDLING UNITS INSTALLED UNDER MECHANICAL SYSTEMS UPGRADE PROJECT (CLIMATECRAFT) AIR-COOLED CHILLER REPLACEMENT HVAC SYSTEMS CLEANING - NORTH BUILDING	210 210 715	2008 M Consulting for concept 2005 2005 2010 2008	1 1 1 1 5	EA  EA  EA  EA	with quotations 20 20 20 20 25	19 19 14 16	-15 1 1 6	\$30,000.00 \$30,000.00 \$25,000.00 \$120,000.00	\$ 30,000 \$ 30,000 \$ 25,000 \$ 600,000 \$ 100,000	\$ 88 \$ 3 \$ 3 \$ 2 \$ 63	81,898 31,857 31,857 26,547
HS HS HS	97 100 100 143 94 EXTERIOR-UTILITY YARD	MS001 MS002 MS003 MS004 MS005 MS006 MS007	NORTH GANG TOILETS - ALLOWANCE MECHANICAL SYSTEMS (May be packaged w NURSING LABS AIR COMPRESSOR (FOR OXYGEN SIMULATION) REPLACEMENT NURSING LABS VACUUM PUMP REPLACEMENT (SOUTH WING) MAIN COMPUTER ROOM PRIMARY A/C SYSTEM AND ASSOCIATED ROOF MOUNTED CONDENSER REPLACEMENT OF FIVE (5) INDOOR AIR HANDLING UNITS INSTALLED UNDER MECHANICAL SYSTEMS UPGRADE PROJECT (CLIMATECRAFET) AIR-COOLED CHILLER REPLACEMENT HVAC SYSTEMS CLEANING - NORTH BUILDING HVAC SYSTEMS CLEANING - SOUTH BUILDING HVAC SYSTEMS CLEANING - SOUTH BUILDING	210 210 210 715  Y04  UUU20  UUU25	2008 M Consulting for concept 2005 2005 2010 2008 2008 2010 2000	1 1 1 1 5 1 24,000 46,000	EA EA EA SF	20 20 25 20 10 10	19 19 14 16 16 14 24	-15  1  1  6  9  4	\$30,000.00 \$30,000.00 \$25,000.00 \$120,000.00	\$ 30,000 \$ 30,000 \$ 25,000 \$ 600,000 \$ 100,000 \$ 15,600	\$ 88 \$ 3 \$ 2 \$ 63 \$ 10 \$ 1	81,898 31,857 31,857 26,547 337,133 06,189 16,565 31,750
HS HS HS HS	97 100 100 143 94 EXTERIOR-UTILITY YARD INTERIOR-BUILDING WIDE	MS001 MS002 MS003 MS004 MS005 MS006 MS007	NORTH GANG TOILETS - ALLOWANCE MECHANICAL SYSTEMS (May be packaged w NURSING LABS AIR COMPRESSOR (FOR OXYGEN SIMULATION) REPLACEMENT NURSING LABS VACUUM PUMP REPLACEMENT (SOUTH WING) MAIN COMPUTER ROOM PRIMARY A/C SYSTEM AND ASSOCIATED ROOF MOUNTED CONDENSER REPLACEMENT OF FIVE (S) INDOOR AIR HANDLING UNITS INSTALLED UNDER MCHANICAL SYSTEMS UPGRADE PROJECT (CLIMATECRAFT) AIR-COLLED CHILLER REPLACEMENT HVAC SYSTEMS CLEANING - NORTH BUILDING HVAC SYSTEMS CLEANING - SOUTH BUILDING ELECTRICAL SYSTEMS (May be packaged with	210 210 210 715  Y04  UUU20  UUU25	2008 M Consulting for concept 2005 2005 2010 2008 2008 2010 2000	1 1 1 1 5 1 24,000 46,000	EA EA EA SF	20 20 25 20 10 10	19 19 14 16 16 14 14	-15  1  1  6  9  4  -4	\$30,000.00 \$30,000.00 \$25,000.00 \$120,000.00 \$0.65	\$ 30,000 \$ 30,000 \$ 25,000 \$ 600,000 \$ 100,000 \$ 15,600	\$ 88 \$ 3 \$ 2 \$ 63 \$ 10 \$ 1	81,898 31,857 31,857 26,547 337,133 06,189 16,565
HS HS HS HS	97 100 100 143 94 EXTERIOR-UTILITY YARD INTERIOR-BUILDING WIDE	MS001 MS002 MS003 MS004 MS005 MS006 MS007	NORTH GANG TOILETS - ALLOWANCE MECHANICAL SYSTEMS (May be packaged w NURSING LABS AIR COMPRESSOR (FOR OXYGEN SIMULATION) REPLACEMENT NURSING LABS AIR COMPRESSOR (FOR OXYGEN SIMULATION) REPLACEMENT NURSING LABS VACUUM PUMP REPLACEMENT (SOUTH WING) MAIN COMPUTER ROOM PRIMARY A/C SYSTEM AND ASSOCIATED ROOP MOUNTED CONDENSER REPLACEMENT OF FIVE (5) INDOOR AIR HANDLING UNITS INSTALLED UNDER MECHANICAL SYSTEMS UPGRADE PROJECT (CILMATECRAFT) AIR-COOLED CHILLER REPLACEMENT HYVAC SYSTEMS CLEANING - NORTH BUILDING HYAC SYSTEMS CLEANING - SOUTH BUILDING ELECTRICAL SYSTEMS (May be packaged with LIFE SAFETY AUTOMATIC TRANSFER SWITCH LATS-HXE)	210 210 210 715  Y04  UUU20  UUU25	2008 M Consulting for concept 2005 2005 2010 2008 2008 2010 2000	1 1 1 1 5 1 24,000 46,000	EA EA EA SF	20 20 25 20 10 10	19 19 14 16 16 14 24	-15  1  1  6  9  4  -4	\$30,000.00 \$30,000.00 \$25,000.00 \$120,000.00 \$0.65	\$ 30,000 \$ 30,000 \$ 25,000 \$ 600,000 \$ 100,000 \$ 29,900	\$ 88 \$ 3 \$ 2 \$ 63 \$ 10 \$ 1 \$ 3	81,898 31,857 31,857 26,547 337,133 06,189 16,565 31,750
HS HS HS HS HS	97  100  100  143  94  EXTERIOR-UTILITY YARD INTERIOR-BUILDING WIDE INTERIOR-BUILDING WIDE	MS001 MS002 MS003 MS004 MS005 MS006 MS007	NORTH GANG TOILETS - ALLOWANCE MECHANICAL SYSTEMS (May be packaged w NURSING LABS AIR COMPRESSOR (FOR OXYGEN SIMULATION) REPLACEMENT NURSING LABS VACUUM PUMP REPLACEMENT (SOUTH WING) MAIN COMPUTER ROOM PRIMARY A/C SYSTEM AND ASSOCIATED ROOF MOUNTED CONDENSER REPLACEMENT OF FIVE (5) INDOOR AIR HANDLING UNITS INSTALLED UNDER MECHANICAL SYSTEMS UPGRADE PROJECT (CILMATECRAFET) AIR-COOLED CHILLER REPLACEMENT HVAC SYSTEMS CLEANING - NORTH BUILDING HVAC SYSTEMS CLEANING - SOUTH BUILDING LILET SALETY AUTOMATIC TRANSFER SWITCH (ATS-HXE) STANDBY POWER SYSTEMS AUTOMATIC TRANSFER SWITCH (ATS-HXE)	210 210 210 715  Y04  UUU20  UUU25  UUU25  B Hitem scope. DCM	2008 M Consulting for concept 2005 2005 2005 2010 2008 2008 2010 2000 Consulting for conceptus	1 1 1 1 5 1 24,000 46,000 al construction	EA EA EA EA SF SF cost estimating wi	20 20 20 25 20 10 10 th quotations for	19 19 14 16 16 14 24 om 3rd Party Sources)	-15 1 1 6 9 4 -4	\$30,000.00 \$30,000.00 \$25,000.00 \$120,000.00 \$0.65	\$ 30,000 \$ 30,000 \$ 25,000 \$ 600,000 \$ 10,000 \$ 29,900 \$ 10,000	\$ 888 \$ 3 \$ 2 \$ 63 \$ 10 \$ 1 \$ 3 \$ 40	81,898 31,857 31,857 26,547 337,133 06,189 16,565 31,750 03,783
HS HS HS HS HS	97  100  100  143  94  EXTERIOR-UTILITY YARD INTERIOR-BUILDING WIDE INTERIOR-BUILDING WIDE	MS001 MS002 MS003 MS004 MS005 MS006 MS007	NORTH GANG TOILETS - ALLOWANCE MECHANICAL SYSTEMS (May be packaged w NURSING LABS AIR COMPRESSOR (FOR OXYGEN SIMULATION) REPLACEMENT NURSING LABS VACUUM PUMP REPLACEMENT (SOUTH WING) MAIN COMPUTER ROOM PRIMARY A/C SYSTEM AND ASSOCIATED ROOF MOUNTED CONDENSER REPLACEMENT OF FIVE (5) INDOOR AIR HANDLING UNITS INSTALLED UNDER MECHANICAL SYSTEMS UPGRADE PROJECT (ICLIMATECRAFT) AIR-COOLED CHILLER REPLACEMENT HAVAC SYSTEMS CLEANING - NORTH BUILDING HVAC SYSTEMS CLEANING - SOUTH BUILDING HVAC SYSTEMS CLEANING - SOUTH BUILDING HVAC SYSTEMS CLEANING - SOUTH BUILDING HVAC SYSTEMS (May be packaged with LIFE SAFETY AUTOMATIC TRANSFER SWITCH LATS-HIXE) STANDBY POWER SYSTEMS AUTOMATIC TRANSFER SWITCH (ATS-HXNE) REPLACE ELECTRICAL DISTRIBUTION EQUIPMENT	210 210 210 715  Y04  UUU20  UUU25  UUU25  BI item scope. DCM Y04	2008 M Consulting for concept 2005 2005 2010 2008 2008 2010 2000 Consulting for conceptus 2015	1 1 1 1 1 5 1 24,000 46,000 al construction 1	EA  EA  EA  EA  EA  SF  SF  cost estimating wi  EA	20 20 25 20 10 10 th quotations from 20 20 25 20 20 20 25 20 20 20 20 20 20 20 20 20 20 20 20 20	19 19 14 16 16 14 24 om 3rd Party Sources)	-15 1 1 6 9 4 -4 -14	\$30,000.00 \$30,000.00 \$25,000.00 \$120,000.00 \$0.65 \$0.65	\$ 30,000 \$ 30,000 \$ 25,000 \$ 600,000 \$ 100,000 \$ 29,900 \$ 10,000 \$ 10,000	\$ 888 \$ 3 \$ 2 \$ 63 \$ 10 \$ 1 \$ 3 \$ 40 \$ 1	81,898 31,857 31,857 26,547 37,133 06,189 16,565 31,750 03,783 10,619
HS HS HS HS HS HS	97  100  100  143  94  EXTERIOR-UTILITY YARD INTERIOR-BUILDING WIDE INTERIOR-BUILDING WIDE  11  11	MS001 MS002 MS003 MS004 MS005 MS006 MS007 ES001 ES002	NORTH GANG TOILETS - ALLOWANCE MECHANICAL SYSTEMS (May be packaged w NURSING LABS AIR COMPRESSOR (FOR OXYGEN SIMULATION) REPLACEMENT NURSING LABS VACUUM PUMP REPLACEMENT (SOUTH WING) MAIN COMPUTER ROOM PRIMARY A/C SYSTEM AND ASSOCIATED ROOF MOUNTED CONDENSER REPLACEMENT OF FIVE (S) INDOOR AIR HANDLING UNITS INSTALLED UNDER MECHANICAL SYSTEMS UPGRADE PROJECT (CLIMATECRAFT) AIR-COLLED CHILLER REPLACEMENT HVAC SYSTEMS CLEANING - NORTH BUILDING HVAC SYSTEMS CLEANING - SOUTH BUILDING LIES ASSETY AUTOMATIC TRANSFER SWITCH (ATS-HXE) STANDBY POWER SYSTEMS AUTOMATIC TRANSFER SWITCH (ATS-HXNE) STANDBY POWER SYSTEMS AUTOMATIC TRANSFER SWITCH (ATS-HXNE) REPLACE ELECTRICAL DISTRIBUTION	210 210 210 210 715  Y04  UUU20  UUU25  UUU25  B I item scope. DCM Y04  Y04	2008  M Consulting for concept 2005 2005 2010 2008 2010 2000 Consulting for conceptui 2015 2015	1 1 1 1 1 5 1 24,000 46,000 11 construction 1	n cost estimating to EA  EA  EA  EA  SF  cost estimating will EA  EA	20 20 25 20 10 th quotations fr 20 20 20 25 20 20 20 20 25 20 20 20 20 20 20 20 20	19 19 14 16 16 14 24 om 3rd Party Sources) 9	-15 1 1 6 9 4 -4 -14	\$30,000.00 \$30,000.00 \$25,000.00 \$120,000.00 \$0.65 \$0.65 \$10,000.00 \$10,000.00	\$ 30,000 \$ 30,000 \$ 25,000 \$ 100,000 \$ 15,600 \$ 29,900 \$ 10,000 \$ 10,000 \$ 1,250	\$ 888 \$ 33 \$ 2 \$ 633 \$ 100 \$ 1 \$ 3 \$ 400 \$ 5 \$ 5	81,898 31,857 31,857 26,547 37,133 06,189 16,565 31,750 03,783 10,619 10,619

March   1985						YEAR ITEM								SCHEDULED MAINTENANCE
Main		ROOM/	1777.0		51004	WAS PUT			AVG	TIME		ITEM	ITTA A	PLAN YEAR
19 1 19 1 19 1 19 1 19 1 19 1 19 1 19														
Section   Sect	HS		1101	MAIN SWITCHBOARD				OHIIIO				0001		
1965   1970	HS			REPLACE CUSTODIAL ROOM FLUOR.						_				
1965   1965	HS	33	ES008	REPLACE MECHANICAL/ELECTRICAL ROOM	Y04	1965	6	EA	20	59	-39	\$250.00	\$ 1,500	\$ 1,593
MATERIAN	HS	40	FS009	REPLACE PUBLIC TOILET ROOM FLUOR.	X03	2004	2	FA	20	20	0	\$250.00	\$ 500	\$ 531
MATERIAN	HS			REPLACE PUBLIC TOILET ROOM FLUOR.										
14				REPLACE ELECTRICAL DISTRIBUTION										
				REPLACE ELECTRICAL RECEPTACLE AND										
15														
15														
15							-							
15				LIGHTING										
Section   Sect				FLUOR. LIGHTING										
187 8.2 CAUSE   LIGHTING   MAG   AUGUS	HS			LIGHTING										
Section   Sect	HS	82	ES018	LIGHTING	X03	2008	2	EA	20	16	4	\$250.00	\$ 500	\$ 531
Second   S	HS	83	ES019	LIGHTING	X03	2008	6	EA	20	16	4	\$250.00	\$ 1,500	\$ 1,593
Second Column   Second Colum	HS	84	ES020	EQUIPMENT	Y04	1972	1	EA	20	52	-32	\$25,000.00	\$ 25,000	\$ 26,547
15	HS	84	ES021	LIGHTING PANELBOARDS	Y04	1972	2	EA	20	52	-32	\$5,000.00	\$ 10,000	\$ 10,619
Second Part	HS	84	ES022	FLUOR. LIGHTING	Y04	2008	10	EA	20	16	4	\$250.00	\$ 2,500	\$ 2,655
Second   S	HS	85	ES023	LIGHTING	X01	2008	2	EA	20	16	4	\$250.00	\$ 500	\$ 531
Second   S	HS	86	ES024	LIGHTING	X03	2008	1	EA	20	16	4	\$250.00	\$ 250	\$ 265
HS B8 LESUE LIGHTING AUS 2.008 2 EA 20 16 4 \$.500.0 \$ 500 \$ 5.500.0 \$ 1.000 \$	HS	87	ES025	LIGHTING	X03	2008	6	EA	20	16	4	\$250.00	\$ 1,500	\$ 1,593
195   141   150	HS	88	ES026		X03	2008	2	EA	20	16	4	\$250.00	\$ 500	\$ 531
HS 164 ES029 REPLACE CLASSROOM FLUOR. LIGHTING 110 2009 16 EA 20 15 5 \$25.00 \$ 4.000 \$ 4.22 HS 165 ES030 REPLACE CLASSROOM FLUOR. LIGHTING 110 2009 16 EA 20 15 5 \$5.000 \$ 4.000 \$ 4.22 HS 400 ES031 REPLACE CLASSROOM FLUOR. LIGHTING 310 2008 8 EA 20 16 4 \$25.00 \$ 2.000 \$ 2.000 \$ 2.21 HS 401 ES032 REPLACE OFFICE FLUOR. LIGHTING 310 2008 2 EA 20 16 4 \$25.000 \$ 5.000 \$ 5.21 HS 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	HS	141	ES027		715	1965	2	EA	20	59	-39	\$5,000.00	\$ 10,000	\$ 10,619
HS 165 E5030 REPLACE CLASSROOM FLUOR. LIGHTING 110 2009 16 EA 20 15 \$ \$250.00 \$ 4.000 \$ 4.200 \$ 1.500 \$ 4.200 \$ 1.500 \$ 4.200 \$ 1.500 \$ 4.200 \$ 1.500 \$ 4.200 \$ 1.500 \$ 4.200 \$ 1.500 \$ 4.200 \$ 5.21.100 \$ 1.500 \$ 4.200 \$ 5.21.100 \$ 1.500 \$ 4.200 \$ 5.21.100 \$ 1.500 \$ 5.21.100 \$ 1.500 \$ 5.21.100 \$ 1.500 \$ 5.21.100 \$ 1.500 \$ 5.21.100 \$ 5.21.100 \$ 1.500 \$ 5.21.100 \$	HS			REPLACE OFFICE FLUOR. LIGHTING										\$ 2,655
HS 400	HS													\$ 4,248
HS 401 ES032 REPLACE OFFICE FLUOR. LIGHTING 310 2008 2 EA 20 116 4 \$250.00 \$ 5.00 \$ 5.50 \$ 5.	HS													\$ 4,248
HS 540 E5033 REPLACE OFFICE FLUOR. LIGHTING 315 2007 35 EA 20 17 3 \$250.00 \$ 8,750 \$ 9,25							-							
HS 560 ES034 REPLACE OFFICE FLUOR. LIGHTING 315 2007 12 EA 20 17 3 \$250.00 \$ 3.00 \$ 3.11   HS 570 ES035 REPLACE OFFICE FLUOR. LIGHTING 315 2007 11 EA 20 17 3 \$250.00 \$ 2.750 \$ 2.95   HS 581 ES036 REPLACE OFFICE FLUOR. LIGHTING 310 2007 6 EA 20 17 3 \$250.00 \$ 1.														
HS 570 E5035 REPLACE OFFICE FLUOR. LIGHTING 315 2007 11 EA 20 17 3 \$250.00 \$ 2,750 \$ 2,95														
HS 581 ES036 REPLACE OFFICE FLUOR. LIGHTING 310 2007 6 EA 20 17 3 \$250.00 \$ 1,500 \$ 1,														
HS 582 E5037 REPLACE OFFICE FLUOR. LIGHTING 310 2007 4 EA 20 17 3 \$250.00 \$ 1,000 \$ 1,00   HS 583 E5038 REPLACE OFFICE FLUOR. LIGHTING 310 2007 4 EA 20 17 3 \$250.00 \$ 1,000 \$ 1,00   HS 587 E5039 REPLACE OFFICE FLUOR. LIGHTING 310 2007 2 EA 20 17 3 \$250.00 \$ 1,000 \$ 1,00   HS 587 E5039 REPLACE OFFICE FLUOR. LIGHTING 310 2007 2 EA 20 17 3 \$250.00 \$ 5.0														
HS 583 E5038 REPLACE OFFICE FLUOR. LIGHTING 310 2007 4 EA 20 17 3 \$250.00 \$ 1,000 \$ 1,001 \$ 1,														
HS 587 E5039 REPLACE OFFICE FLUOR LIGHTING 310 2007 2 EA 20 17 3 \$250.00 \$ 5.00 \$ 5.50														
HS 600 ES040 REPLACE CLASSROOM FLUOR. LIGHTING 210 2001 12 EA 20 23 3 \$250.00 \$3,000 \$3,11 HS 610 ES041 REPLACE CLASSROOM FLUOR. LIGHTING 210 2002 12 EA 20 22 \$250.00 \$3,000 \$3,11 HS 700 ES042 LIGHTING PANELBOARDS 755 1972 2 EA 20 52 32 \$5,000.00 \$10,000 \$10,600 HS 700 ES043 REPLACE CLASSROOM FLUOR. LIGHTING 755 2006 4 EA 20 18 2 \$250.00 \$3,000 \$10,000 \$10,600 HS 710 ES044 REPLACE CLASSROOM FLUOR. LIGHTING 110 2008 11 EA 20 16 4 \$250.00 \$2,000 \$1														
HS 610 E5041 REPLACE CLASSROOM FLUOR. LIGHTING 210 2002 12 EA 20 22 \$2,000 \$3,000 \$3,11 HS 700 E5042 REPLACE ELECTRICAL RECEPTACLE AND LIGHTING 755 1972 2 EA 20 52 32 \$5,000.00 \$10,000 \$10,6											3			
HS 700 E5042 REPLACE ELECTRICAL RECEPTACLE AND LIGHTING 755 1972 2 EA 20 52 32 \$5,000.00 \$ 10,000 \$ 10,600 \$ 10														
HS 700 E5043 REPLACE CLASSROOM FLUOR. LIGHTING 755 2006 4 EA 20 18 2 \$25.000 \$ 1,000 \$	HS			REPLACE ELECTRICAL RECEPTACLE AND							-32			\$ 10,619
HS 710 E5044 REPLACE CLASSROOM FLUOR. LIGHTING 110 2008 11 EA 20 16 4 \$250.00 \$ 2,750 \$ 2,95   HS 720 E5045 REPLACE CLASSROOM FLUOR LIGHTING 110 2008 11 EA 20 16 4 \$250.00 \$ 2,750 \$ 2,95   HS 730 E5046 REPLACE CLECTRICAL RECEPTACLE AND 150 1972 2 EA 20 52 52 55,000.0 \$ 10,000 \$ 10,600 \$ 10,	HS			REPLACE CLASSROOM FLUOR. LIGHTING							2			\$ 1,062
HS 730 E5046 REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS 350 1972 2 EA 20 52 -32 \$5,000.00 \$ 10,000 \$ 10,600	HS			REPLACE CLASSROOM FLUOR. LIGHTING										\$ 2,920
HS 730 E5046 LIGHTING PANELBOARDS 350 1972 2 EA 20 52 33 55,000.00 \$ 10,000	HS	720	ES045		110	2008	11	EA	20	16	4	\$250.00	\$ 2,750	\$ 2,920
15   15047   LIGHTING   350   2008   4   EA   20   16   4   \$250.00   \$ 1,00	HS	730	ES046		350	1972	2	EA	20	52	-32	\$5,000.00	\$ 10,000	\$ 10,619
HS 740 F5048 REPLACE CLASSROOM FLUOR LIGHTING 110 2005 9 FA 20 19 5250.00 \$ 2.20 \$ 2.20	HS			REPLACE CONFERENCE ROOM FLUOR. LIGHTING	350	2008	4		20	16	4	\$250.00	\$ 1,000	\$ 1,062
	HS	740	ES048	REPLACE CLASSROOM FLUOR. LIGHTING	110	2005	9	EA	20	19	1	\$250.00	\$ 2.250	\$ 2,389

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	REPLACE ELECTRICAL RECEPTACLE AND	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
HS	800	ES049	LIGHTING PANELBOARDS	210	1972	2	EA	20	52	-32	\$5,000.00	\$ 10,000	
HS	800	ES050	REPLACE CLASSROOM FLUOR. LIGHTING	210	2006	15	EA	20	18	2	\$250.00	\$ 3,750	
HS	820	ES051	REPLACE CLASSROOM FLUOR. LIGHTING	110	2005	12	EA	20	19	1	\$250.00	\$ 3,000	\$ 3,186
HS	830	ES052	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	210	1972	2	EA	20	52	-32	\$5,000.00	\$ 10,000	\$ 10,619
HS	830	ES053	REPLACE CLASSROOM FLUOR. LIGHTING	210	2006	15	EA	20	18	2	\$250.00	\$ 3,750	\$ 3,982
HS	840	ES054	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	210	1972	1	EA	20	52	-32	\$5,000.00	\$ 5,000	\$ 5,309
HS	840	ES055	REPLACE CLASSROOM FLUOR, LIGHTING	210	2005	11	EA	20	19	1	\$250.00	\$ 2,750	\$ 2,920
HS	860	ES056	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	210	1972	2	EA	20	52	-32	\$5,000.00	\$ 10,000	\$ 10,619
HS	860	ES057	REPLACE CLASSROOM FLUOR, LIGHTING	210	2011	23	EA	20	13	7	\$250.00	\$ 5,750	\$ 6,106
HS	862	ES058	REPLACE CUSTODIAL ROOM FLUOR. LIGHTING	215	2011	2	EA	20	13	7	\$250.00	\$ 500	\$ 531
HS	870	ES059	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	110	2022	1	EA	20	2	18	\$5,000.00	\$ 5,000	\$ 5,309
HS	1000	ES060	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	W06	2022	2	EA	20	2	18	\$5,000.00	\$ 10,000	\$ 10,619
HS	1102	ES061	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	W06	2022	1	EA	20	2	18	\$5,000.00	\$ 5,000	\$ 5,309
HS	1200	ES062	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	W06	2022	2	EA	20	2	18	\$5,000.00	\$ 10,000	\$ 10,619
HS	3000	ES063	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	W06	2022	1	EA	20	2	18	\$5,000.00	\$ 5,000	\$ 5,309
HS	6000	ES064	REPLACE ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	W06	2022	1	EA	20	2	18	\$5,000.00	\$ 5,000	\$ 5,309
			BUILDING SYSTEMS (Fire, security, IT/media	infrastructure. DCN	1 Consulting for conceptua	al construction co	st estimating wi	th quotations fro	om 3rd Party Sources)				\$ 31,857
HS	12	BS001	IT SYSTEMS	Y04	2008	1	EA	20	16	4	\$15,000.00		
HS	30	BS002	IT SYSTEMS	X01	2008	1	EA	20	16	4	\$15,000.00	\$ 15,000	\$ 15,928
			SPECIALTY EQUIPMENT (Food service, theatr	e, labs, shops. DCM	Consulting for conceptua	l construction cos	t estimating wif	h quotations fro	m 3rd Party Sources)				\$ -
HS										0	\$0.00	\$ -	\$ -
			ACCESSIBILITY IMPROVEMENTS (Building cod	les & ADA standards	for accessible design. DC	M Consulting for	conceptual con	struction cost est	timating with quotations from	3rd Party Sourc			\$ -
HS							<u></u>			0	\$0.00		\$ -
										ANNUA	L FUNDING REC	UIREMENTS (ROUNDED):	\$ 4,016,459

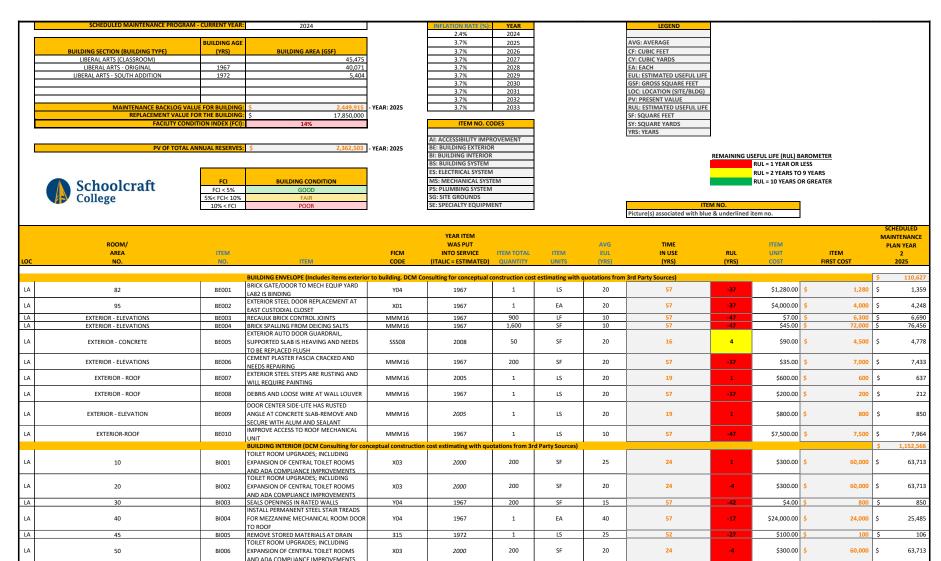


BELOW-CLEAN WALI

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO. BE020,	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
JC	EXTERIOR-SOUTH ELEVATION	BE020A, BE020B, BE020C	PLASTIC COATING RAIL SYSTEM IS FAILING- NEEDS REPLACEMENT, AS WELL AS THE CONCRETE LOADING DOCK PLATFORM	MMM16	1980	600	SF	2	44	-42	\$50.00		\$ 31,857
JC	EXTERIOR-SOUTH ELEVATION	BE021	REPAINT METAL EXT SOFFIT AT ENFRY JC4	MMM16	1980	200	SF	5	44	-39	\$2.00	\$ 400	\$ 425
JC	EXTERIOR-SOUTH ELEVATION	BE022	REPAIR CHIPS OR HOLES IN PORCELAIN METAL PANELS	MMM16	1980	2	EA	5	44	-39	\$8.00	\$ 16	\$ 17
JC	EXTERIOR-SOUTH ELEVATION	BE023	REPAIR DAMAGED ALUMINUM CURTAINWALL AT ENTRY JC4 SOFFIT	MMM16	1980	4	LF	5	44	-39	\$200.00	\$ 800	\$ 850
JC	EXTERIOR-ROOF	BE024	ROOF MEMBRANE APPEARS TO BE WORN	MMM16	2010	31,500	SF	5	14	-9	\$50.00	* *	\$ 1,672,474
JC	EXTERIOR-ROOF	BE025	EXCESSIVE DEBRIS UNDER CHILLER	MMM16	1985	300	SF	5	39	-34	\$200.00	\$ 60,000	\$ 63,713
JC .	EXTERIOR-ROOF	BE026	DOOR FROM PENTHOUSE DOES NOT ALLOW ACCESS FROM EXTERIOR	MMM16	1980	1	EA	1	44	-43	\$2,500.00	\$ 2,500	\$ 2,655
JC .	EXTERIOR-ROOF	BE027, BE027	REPLACED	UUU25	1980	3	EA	5	44	-39	\$2,500.00	\$ 7,500	\$ 7,964
JC	EXTERIOR-ROOF	BE028	GAS PIPING IS RUSTING AND NEEDS TO BE PAINTED	UUU12	1980	500	LF	5	44	-39	\$7.00	\$ 3,500	\$ 3,717
JC	EXTERIOR-ROOF	BE029	ROOF MEMBRANE APPEARS TO BE WORN FROM DEBRIS	MMM16	2010	1,147	SF	5	14	-9	\$3.00	1	\$ 3,654
JC	EXTERIOR-ROOF	BE030	ROOF SCREEN WALL MAINTENANCE	MMM16	1985	300	SF	25	39	-14	\$6.00		\$ 1,911
JC	EXTERIOR-ROOF	BE031	METAL FLASHING REPAIR  BUILDING INTERIOR (DCM Consulting for cor	MMM16	1985	5	LF	20	39	-19	\$3,500.00	\$ 17,500	\$ 18,583 \$ 75,723
JC	010	BI001, BI001A	SKYLIGHT/GREENHOUSE FRAMING IS LEAKING AND NEEDS REGASKETING/SEALING	650	1985	1	EA EA	2	39	-37	\$500.00	\$ 500	\$ 531
JC	011	BI002, BI002A	FIXTURES, TOUCH-UP DOOR FRAMES	655	2014	75	SF	5	10	-5	\$50.00	· ·	\$ 3,982
JC	012	BI003	REPLACE ACOUSTICAL CEILING - STAINED	650	2014	250	SF	35	10	25	\$7.00	\$ 1,750	\$ 1,858
JC	013	BI004	PIPE NOT CAULKED AT WALL, DOOR NOT SEALED FOR NOISE	655	1984	1	LS	5	40	-35	\$50.00		\$ 53
JC	014	BI005	ABANDONED WIRE TO BE REMOVED	210	2017	1	LS	25	7	18	\$50.00	\$ 50	\$ 53
1C	020 021	BI006	CARPET REDUCER STRIP IS WORN AND NEEDS REPLACING	W06	2014	1	EA EA	10	10	0	\$50.00	\$ 50 \$ 200	\$ 53 \$ 212
JC JC	51	BI007 BI008	TILE BASE IS BROKEN / MISSING	X03		140	SF	35	10	-5	\$200.00 \$7.00		\$ 212
JC JC	51 58A	BI008	REPLACE ACOUSTICAL CEILING - STAINED  CAULK TOILET FIXTURES	X03	2014 2014	140	EA EA	5	10	25	\$7.00		\$ 1,041
JC JC	102	BI010	TOUCH-UP PAINT ON WALLS	110	2014	850	SF	5	10	-5	\$8.00		\$ 7,221
1C	106	BI011	REPLACE DAMAGED ACOUSTICAL CEILING PANELS	310	2014	125	SF	35	10	25	\$7.00	, ,,,,,,,,	
JC	106	BI012	REPLACE SCRATCHED WOOD DOOR	310	2014	1	EA	5	10	-5	\$2,500.00	\$ 2,500	\$ 2,655
1C	122	BI013, BI013A, BI013B		110	2014	700	SF	35	10	25	\$7.00		
JC	123	BI014	TOUCH-UP PAINT ON WALLS	110	2014	900	SF	35	10	25	\$2.00	\$ 1,800	\$ 1,911
JC	241	BI015	REPLACE DAMAGED ACOUSTICAL CEILING PANELS	310	2014	425	SF	35	10	25	\$7.00	\$ 2,975	\$ 3,159
1C	245	BI016	REPLACE STAINED AND DAMAGED ACOUSTICAL CEILING PANELS	310	2014	230	SF	35	10	25	\$7.00	\$ 1,610	\$ 1,710
JC .	249	BI017	REPLACE STAINED AND DAMAGED ACOUSTICAL CEILING PANELS	310	2014	245	SF	35	10	25	\$7.00	\$ 1,715	\$ 1,821
JC .	253A	BI018	CONCRETE WALLS AT WALK BRIDGE IS SPALLING	W06	1980	300	SF	1	44	-43	\$45.00	\$ 13,500	\$ 14,335
JC	310	BI019	RESILIENT BASE UNDER CABINET IS LOOSE	590	2016	1	EA	5	8	-3	\$100.00	\$ 100	\$ 106
ıc	320	BI020	PANIC BAR IS NOT INSTALLED PROPERLY WITH SURFACE MOUNTED STRIKE SCREWED TO FRAME	590	2014	1	EA	5	10	-5	\$100.00	\$ 100	\$ 106
JC	354	BI021	REPLACE STAINED AND DAMAGED ACOUSTICAL CEILING PANELS	315	2014	205	SF	35	10	25	\$7.00	\$ 1,435	\$ 1,524
JC	A2	BI022	REPLACE STAINED AND DAMAGED ACOUSTICAL CEILING PANELS	W05	2014	1,250	SF	20	10	10	\$7.00	\$ 8,750	\$ 9,292

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
LOC	AREA NO.	ITEM	ITEM	FICM CODE	INTO SERVICE (ITALIC = ESTIMATED)	OUANTITY	ITEM UNITS	EUL (YRS)	IN USE (YRS)	RUL (YRS)	UNIT	ITEM FIRST COST	2 2025
1C	АЗ	BI023	REPLACE STAINED AND DAMAGED ACOUSTICAL CEILING PANELS	W05	2014	760	SF	20	10	10	\$7.00		
JC	C1	BI024	CARPET REDUCER STRIPS ARE WORN AND NEED REPLACING	W05	2014	1	EA	20	10	10	\$50.00	\$ 50	\$ 53
JC	ST5	BI025	REPAIR OR REPLACE SCRATCHED WOOD DOOR	W07	2014	1	EA	20	10	10	\$2,500.00	\$ 2,500	\$ 2,655
JC	ST6	BI026	STAIR WINDOW SAFETY IMPROVEMENTS - FLOOR 2	W07	1985	1	EA	50	39	11	\$3,000.00	\$ 3,000	\$ 3,186
JC	ST6	BI027	STAIR WINDOW SAFETY IMPROVEMENTS - FLOOR 3	W07	1985	1	EA	50	39	11	\$3,000.00	\$ 3,000	\$ 3,186
JC	ST6	BI028	STAIR WINDOW SAFETY IMPROVEMENTS - FLOOR 4	W07	1985	1	EA	50	39	11	\$3,000.00	\$ 3,000	\$ 3,186 \$ 31,857
JC	01	PS001	PLUMBING SYSTEMS (May be packaged with B FIRE PUMP SHOWING ITS AGE AND NEED MAINTENANCE / REPLACEMENT	Y04	1980	1	EA	25	M 3rd Party Sources) 44	-19	\$30,000.00	\$ 30,000	
ıc	012	MS001	MECHANICAL SYSTEMS (May be packaged with 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.	n BI item scope. DC	CM Consulting for concept 1985	ual constructio	n cost estimating EA	with quotations 20	from 3rd Party Sources) 39	-19	\$1,500.00	\$ 1,500	\$ 332,105 \$ 1,593
JC	013	MS002	FAN MOTOR IS MAKING HIGH PITCH WIND. TOOK NOISE LEVEL OF 75 TO 80 DB 5 FOOT AWAY ON BOTH HIGH AND LOW FREQUENCY. MAINTENANCE / REPLACEMENT.	655	1985	1	EA	40	39	1	\$8,000.00	\$ 8,000	\$ 8,495
JC	014	MS003	ELECTRICAL ROOM RUNNING WARM AT A CONSTANT TEMPERATURE OF 79 DEGREES AT LOW CAPACITY IN THE BUILDING. EXHAUST FAN MAY RELIEF THE EXCESS HEAT.	210	2014	1	EA	20	10	10	\$1,500.00	\$ 1,500	\$ 1,593
JC	033	MS004	FAN MOTOR IS LOUD TOOK SOUND READINGS 85 DB AT FIVE FOOT AWAY HAVE PICTURE MOTOR NEED TO BE ADDRESSED. MOTOR CAN BE HEARD UP AND DOWN THE CORRIDOR. MAINTENANCE / REPLACEMENT	755	1985	1	EA	40	39	1	\$8,000.00	\$ 8,000	\$ 8,495
ıc	53	MS005	FAN MOTOR IS LOUD TOOK SOUND READINGS 83 DB AT FIVE FOOT AWAY HAVE PICTURE MOTOR NEED TO BE ADDRESSED. MOTOR CAN BE HEARD UP AND DOWN THE CORRIDOR. MAINTENANCE / REPLACEMENT.	Y04	1985	1	EA	40	39	1	\$8,000.00	\$ 8,000	\$ 8,495
JC	245	MS006	ROOM IS WARM WITH LITTLE AIR MOVEMENT TEMPERATURE AVERAGE TEMPERATURE OF 77 DEGREES. NEW THERMOSTAT OR EXTRA AIR FLOW.	310	2014	1	EA	10	10	0	\$750.00	\$ 750	\$ 796
JC	70-PENTHOUSE WING A/B	MS007	CHW PUMPS REPLACEMENT	Y04	1980	2	EA	20	44	-24	\$30,000.00	\$ 60,000	\$ 63,713
JC	EXTERIOR-ROOF	MS008	A/B WING CHILLER. MAINTENANCE / REPLACEMENT.	MMM16	1980	1	EA	20	44	-24	\$75,000.00	\$ 75,000	\$ 79,642
JC	INTERIOR-BUILDING WID	MS009	FIN TUBE RADIATION. MAINTENANCE / REPLACEMENT.  ELECTRICAL SYSTEMS (May be packaged with E	MMM16	2014	100	SF cost estimating w	25	10	15	\$1,500.00	\$ 150,000	\$ 159,283 \$ 233,615
JC	08	ES001	REPLACE LIGHTING AND RECEPTACLE			2	COST ESTIMATING W	20	om ard Party Sources)	-19	\$5,000.00	¢ 10,000	\$ 10,619
			PANELBOARDS REPLACE ELECTRICAL DISTRIBUTION	Y04	1985								
JC	08	ES002	EQUIPMENT, MSWBD-2 REPLACE LIGHTING AND RECEPTACLE	Y04	1985	3	EA	20	39	-19	\$25,000.00		\$ 79,642
JC	1EE	ES003	PANELBOARDS REPLACE ELECTRICAL DISTRIBUTION	Y04	1980	3	EA	20	44	-24	\$5,000.00		\$ 15,928
JC	25	ES004	EQUIPMENT, MSWBD-1  REPLACE LIGHTING AND RECEPTACLE	Y04	1980	1	EA	20	44	-24	\$25,000.00		\$ 26,547
JC	25	ES005	PANELBOARDS REPLACE LIGHTING AND RECEPTACLE	Y04	1980	3	EA	20	44	-24	\$5,000.00	\$ 15,000	\$ 15,928
JC	33	ES006	PANELBOARDS  REPLACE LIGHTING AND RECEPTACLE	Y04	1985	3	EA	20	39	-19	\$5,000.00	\$ 15,000	\$ 15,928
JC	53	ES007	PANELBOARDS	Y04	1985	2	EA	20	39	-19	\$5,000.00	\$ 10,000	\$ 10,619

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 2 2025
1C	54	ES008	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS	Y04	1985	2	EA	20	39	-19	\$5,000.00	\$ 10,000	\$ 10,619
1C	76	ES009	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS	Y04	1985	2	EA	20	39	-19	\$5,000.00	\$ 10,000	\$ 10,619
1C	320-CLOSET CL-B3-1	ES010	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS	590	1980	2	EA	20	44	-24	\$5,000.00	\$ 10,000	\$ 10,619
JC	EXTERIOR-GENERATOR YARD	ES011	REPLACE SERVICE TRANSFORMER	UUU25	1985	1	EA	20	39	-19	\$25,000.00	\$ 25,000	\$ 26,547
			BUILDING SYSTEMS (Fire, security, IT/media	infrastructure. DCM	Consulting for conceptua	l construction	ost estimating wi	th quotations fro	om 3rd Party Sources)				\$ 485,814
JC	JC61	BS001	ADD BOILER ROOM EPO SYSTEM	Y04	1985	3	EA	20	39	-19	\$150,000.00	\$ 450,000	\$ 477,850
JC	EXTERIOR-ROOF	BS002	REPAIR AND RECERTIFY LIGHTNING PROTECTION SYSTEM	UUU25	1985	1	LS	1	39	-38	\$7,500.00	\$ 7,500	\$ 7,964
			SPECIALTY EQUIPMENT (Food service, theat	re, labs, shops. DCM	Consulting for conceptua	I construction of	ost estimating wit	h quotations fro	m 3rd Party Sources)				\$ 176,152
JC	1E (WING A) ELEVATOR NO. 20209	SE001	ELEVATOR MAINTENANCE	W02	2014	1	EA	4	10	-6	\$85,245.00	\$ 85,245	\$ 90,521
JC	2E (WING C) ELEVATOR NO. 22228	SE002	ELEVATOR MAINTENANCE	W02	2014	1	EA	4	10	-6	\$40,320.00	\$ 40,320	\$ 42,816
JC	3E (WING C) ELEVATOR NO. 22227	SE003	ELEVATOR MAINTENANCE	W02	2014	1	EA	4	10	-6	\$40,320.00	\$ 40,320	\$ 42,816
			ACCESSIBILITY IMPROVEMENTS (Building co	des & ADA standards	for accessible design. DO	M Consulting fo	or conceptual con	struction cost es	timating with quotations from	<b>3rd Party Sour</b>	ces)		\$ -
JC										0	\$0.00	\$ -	\$ -
										ANNU	AL FUNDING RE	QUIREMENTS (ROUNDED):	\$ 3,205,105



	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
LA	60	BI007	TOILET ROOM UPGRADES; INCLUDING EXPANSION OF CENTRAL TOILET ROOMS AND ADA COMPLIANCE IMPROVEMENTS	X03	2000	300	SF	20	24	-4	\$300.00	\$ 90,000	\$ 95,570
LA	70	BI008	TOILET ROOM UPGRADES; INCLUDING EXPANSION OF CENTRAL TOILET ROOMS AND ADA COMPLIANCE IMPROVEMENTS	X03	2000	300	SF	20	24	-4	\$300.00	\$ 90,000	\$ 95,570
LA	80	BI009	TOILET ROOM UPGRADES; INCLUDING EXPANSION OF CENTRAL TOILET ROOMS AND ADA COMPLIANCE IMPROVEMENTS	X03	2000	300	SF	20	24	-4	\$300.00	\$ 90,000	\$ 95,570
LA	100	BI010	REPLACE BASE ADJACENT TO DOOR	110	2011	1	LS	15	13	2	\$200.00	\$ 200	\$ 212
LA	110	BI011	REPLACEMENT OF LIBERAL ARTS INTERIOR DOOR AND DOOR HARDWARE REPLACEMENTS	110	1967	65	EA	50	57	-7	\$2,300.00	\$ 149,500	\$ 158,752
LA	120	BI012	INTERIOR WOOD DOOR AND DOOR HARDWARE REPLACEMENTS	750	1967	12	EA	50	57	-7	\$2,300.00	\$ 27,600	\$ 29,308
LA	130	BI013	ACOUSTICAL CEILING PANEL REPLACEMENT	110	2010	625	SF	20	14	6	\$7.00	\$ 4,375	\$ 4,646
LA	140	BI014	ACOUSTICAL CEILING PANEL REPLACEMENT- CLEAN GRILLES AND DIFFUSERS-REPLACE RESILIENT BASE	110	2013	1,800	SF	20	11	9	\$8.00	\$ 14,400	\$ 15,291
LA	160	BI015	CARPET REPLACEMENT AND BASE	110	2012	625	SF	20	12	8	\$7.00	\$ 4,375	\$ 4,646
LA	170	BI016	FILL HOLES IN WALL AND PAINT WALLS-AC CEIL PANEL REPLACEMENT	110	2005	625	SF	20	19	1	\$3.00	\$ 1,875	\$ 1,991
LA	200	BI017	ACOUTICAL CEILING PANEL REPLACEMENT	110	2011	1,800	SF	20	13	7	\$7.00	\$ 12,600	\$ 13,380
LA	230	BI018	ACOUSTICAL CEILING PANEL REPLACEMENT	310	2013	625	SF	20	11	9	\$7.00	\$ 4,375	\$ 4,646
LA LA	260	BI019	CARPET REPLACEMENT	110	2013	625 1	SF LS	20	11 13	9 7	\$7.00 \$8.00		\$ 4,646
LA	300 300	BI020 BI021	AC CEILING PANEL REPLACEMENT REPAINT DOOR FRAME	110 110	2011 2011	1	LS	5	13	-8	\$300.00	\$ 300	\$ 318
LA	330	BI022	DOOR IS DAMAGED-REPLACE	110	1967	1	EA	20	57	-37	\$2,300.00		\$ 2,442
LA	340	BI023	FLOOR FINISH UPDATES	210	2012	1,800	SF	20	12	8	\$14.00	\$ 25,200	\$ 26,760
LA	340	BI024	REPLACE DAMAGED CEILING	210	2012	1,800	SF	20	12	8	\$8.00	\$ 14,400	\$ 15,291
LA	360	BI025	ACOUSTICAL CEILING PANEL REPLACEMENT	110	2012	900	SF	20	12	8	\$7.00		\$ 6,690
LA	370	BI026	REPAIR BASE ADJACENT TO DOOR	110	2009	1	LS	15	15	0	\$150.00		\$ 159
LA LA	370 400	BI027 BI028	AC CEILING REPLACEMENT REPAINT DAMAGED HM FRAMES	110 110	2009 2010	900	SF LS	20 5	15 14	5	\$8.00 \$300.00	\$ 7,200 \$ 300	\$ 7,646 \$ 319
LA	400	BI028	AC CEILING PANEL REPLACEMENT	110	2010	625	SF	20	14	6	\$8.00	\$ 5.000	\$ 5,309
LA	410	BI030	DAMAGED CEILING-AC CEILING PANEL REPLACEMENT	110	2005	625	SF	20	19	1	\$7.00	\$ 4,375	\$ 4,646
LA	415	BI031	BRICK CJ REPLACE SEALANT	110	1972	1	LS	10	52	-42	\$150.00	\$ 150	\$ 159
LA	415	BI032	AC CEILING PANEL REPLACEMENT	110	2005	625	SF	20	19	1	\$8.00	\$ 5,000	\$ 5,309
LA	420	BI033	REPAINT WALLS (TABLE RUBBING DAMAGE)	110	2005	800	SF	5	19	-14	\$2.00	\$ 1,600	\$ 1,699
LA	425	BI034	AC CEILING PANEL REPLACEMENT	110	2012	625	SF	20 5	12 14	8	\$8.00		\$ 5,309
LA LA	430 431	BI035 BI036	REPAINT DAMAGED HM DOOR FRAME AC CEILING PANEL REPLACEMENT	110 310	2010 2007	300	LS SF	20	14 17	-9 3	\$300.00 \$7.00		\$ 319 \$ 2,230
LA	440	BI036	AC CEILING PANEL REPLACEMENT  AC CEILING REPLACEMENT	110	2007	1,800	SF	20	19	1	\$7.00	\$ 12,600	\$ 13,380
LA	441	BI038	CORRIDOR CONGESTED-NOT ADA COMPLIANT	315	1997	1	LS	25	27	-2	\$500.00		\$ 531
LA	444	BI039	CMU WALL CRACKED / CEILING WARPED AND SAGGING	310	2005	80	SF	20	19	1	\$25.00	\$ 2,000	\$ 2,124
LA	455	BI040	DOOR CONTACT DAMAGED AND LOOSE	310	2008	1	LS	20	16	4	\$1,200.00		\$ 1,274
LA	460	BI041	AC CEILING PANEL REPLACEMENT	110	2008	900	SF	20	16	4	\$7.00		\$ 6,690
LA LA	470 475	BI042 BI043	AC CEILING PANEL REPLACEMENT AC CEILING PANEL REPLACEMENT	110 110	2005	900 625	SF SF	20	19 16	4	\$7.00 \$7.00	\$ 6,300 \$ 4,375	\$ 6,690 \$ 4,646
LA	500	BI043	ACOUSTICAL CEILING UPGRADE	310	2008 1967	5,000	SF SF	35	57	-22	\$7.00		\$ 37,166
LA	510	BI045	THEATRE STAGE/BACKSTAGE IMPROVEMENTS/UPGRADES	615	1967	1	LS	25	57	-32	\$35,000.00		\$ 37,166
LA	520	BI046	ACOUSTICAL CEILING UPGRADE	310	2000	1,750	SF	35	24	11	\$7.00	\$ 12,250	\$ 13,008
LA	521	BI047	INTERIOR WOOD DOOR AND DOOR HARDWARE REPLACEMENTS	310	1967	12	EA	50	57	-7	\$2,300.00	\$ 27,600	\$ 29,308
LA	524	BI048	ACOUSTICAL CEILING PANEL REPLACEMENT	310	2000	200	SF	20	24	-4	\$7.00	\$ 1,400	\$ 1,487

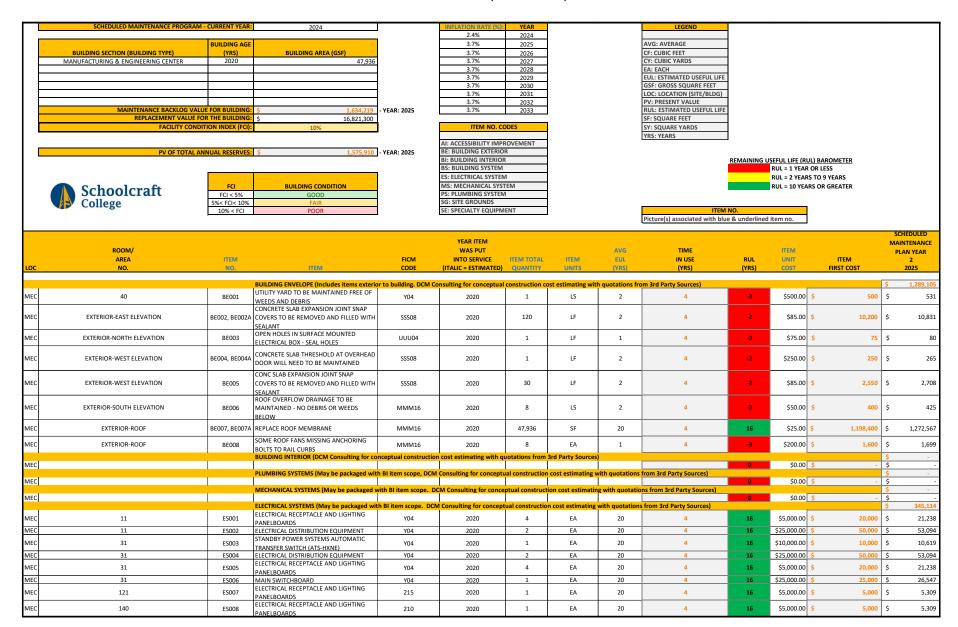
	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	CORDIDOR CHUNG URGRADE	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
LA	540	BI049	CORRIDOR CEILING UPGRADE	310	2000	11,000	SF	35	24	11	\$7.00		
LA	543	BI050	ACOUSTICAL CEILING PANEL REPLACEMENT	310	2000	200	SF	20	24	-4	\$7.00	\$ 1,400	
LA	544	BI051	CORRIDOR BRICK CLEANING	310	1967	200	SF	20	57	-37	\$7.50	\$ 1,500	\$ 1,593
LA	545	BI052	ACOUSTICAL CEILING PANEL REPLACEMENT	310	2000	100	SF	20	24	-4	\$7.00	\$ 700	\$ 743
LA	551	BI053	WALL FINISH UPDATES	310	2000	1	EA	25	24	1	\$15,000.00	\$ 15,000	\$ 15,928
LA	560	BI054	ACOUSTICAL CEILING PANEL REPLACEMENT	310	2000	100	SF	20	24	-4	\$7.00	\$ 700	\$ 743
LA	561	BI055	ACOUSTICAL CEILING PANEL REPLACEMENT	310	2000	200	SF	20	24	-4	\$7.00	\$ 1,400	\$ 1,487
$\vdash$													
LA	565	BI056	ACOUSTICAL CEILING PANEL REPLACEMENT	310	2000	100	SF	20	24	-4	\$7.00	\$ 700	\$ 743
LA	573	BI057	ACOUSTICAL CEILING PANEL REPLACEMENT	310	2000	200	SF	20	24	-4	\$7.00	\$ 1,400	\$ 1,487
LA	574	BI058	ACOUSTICAL CEILING PANEL REPLACEMENT- REPLACE WARN CARPET	310	2000	100	SF	20	24	-4	\$14.00	\$ 1,400	\$ 1,487
LA	1000	BI059	ELECTRIC WATER COOLER DOES NOT COMPLY WITH ADA	W06	1967	1	LS	25	57	-32	\$500.00	\$ 500	\$ 531
LA	1000	BI060	TILE BASE UNDER WINDOWS NEED REPAIR	W06	1967	2	LS	20	57	-37	\$500.00	\$ 1,000	\$ 1,062
LA	1104	BI061	BRICK IS STAINED-CLEAN	W06	1967	100	SF	5	57	-52	\$7.50	\$ 750	\$ 796
LA	3000	BI062	AC PANEL CEILING REPLACEMENT	W06	2000	2,000	SF	20	24	-4	\$7.00	\$ 14,000	\$ 14,866
LA	3000	BI063	BRICK SHOWS CHALKING-CLEAN WALLS	W06	1967	1,600	SF	20	57	-37	\$7.50	Ψ IE,000	\$ 12,743 \$ 531
LA	3000	BI064	EWC DOES NOT COMPLY WITH ADA AC PANEL CEILING	W06	1967	1	EA	20	57	-37	\$500.00	\$ 500	ÿ 331
LA	4000	BI065 BI066	DAMAGED/WARPED/SAGGING	W06	2000 1998	120 10	SF LF	20 15	24	-4 -11	\$7.00 \$12.00	\$ 840 \$ 120	\$ 892 \$ 127
LA	4000 4000	BI067	REPLACE VINYL BENCH DAMAGED EWC DOES NOT MEET ADA	W06	1998	10	EA	25	57	-32	\$12.00	\$ 120 \$ 500	\$ 531
LA	4000	BI068	OUTLET DAMAGED	W06	1998	120	SF	20	26	-52	\$50.00	\$ 6.000	\$ 6,371
LA	4000	BI069	SOFFIT DROP DAMAGED	W06	1967	10	LF	20	57	-37	\$50.00	\$ 500	\$ 531
LA	ATTIC	BI070	INSTALL PERMANENT STEEL STAIR TREADS FOR MEZZANINE MECHANICAL ROOM DOOR	MMM16	1967	1	EA	40	57	-17	\$24,000.00		\$ 25,485
LA	VEST-N	BI071	TO ROOF  AC PANEL CEILING REPLACEMENT	W05	2000	100	SF	20	24	-4	\$7.00	\$ 700	\$ 743
			PLUMBING SYSTEMS (May be packaged with B				ost estimating wi		om 3rd Party Sources)				\$ 130,612
LA	70	PS001	TOILET ROOM FIXTURES	X03	2000	10	EA	40	24	16	\$3,000.00	\$ 30,000	\$ 31,857
LA	80	PS002	TOILET ROOM FIXTURES	X03	2000	11	EA	40	24	16	\$3,000.00		
-	80	F3002	PBH PUMP SOUNDS OUT OF ALIGNMENT OR	λ03	2000		LA.	40		10	\$3,000.00	33,000	33,042
LA	85	PS003	HAS AIR IN THE SYSTEM AND PUMP WILL NEED TO BE REPLACED	Y04	2005	2	EA	15	19	-4	\$10,000.00	\$ 20,000	\$ 21,238
LA	85	PS004	PBR PUMPS ARE SHOWING CROSION AND THEY ARE REACHING END OF LIFE	Y04	2005	2	EA	15	19	-4	\$10,000.00	\$ 20,000	\$ 21,238
LA	85	PS005	EXISTING SHOT FEEDER IS CORRODED AND	Y04	2005	1	EA	15	19	-4	\$20,000.00	\$ 20,000	\$ 21,238
		. 2003	NEED TO BE REPLACED								, 1,111.00		
			MECHANICAL SYSTEMS (May be packaged with	i Bi item scope. DC	ivi Consulting for concept	tuai constructio							\$ 162,744
LA	40	MS001	REPLACE TOILET ROOM EXHAUST FAN EF-1	Y04	1967	1	EA	20	57	-37	\$1,500.00	\$ 1,500	\$ 1,593
LA	40	MS002	REPLACE RETURN AIR FAN RAF-1	Y04	1967	1	EA	20	57	-37	\$1,500.00	\$ 1,500	\$ 1,593
LA	40	MS003	OFFS CONVERTING REMAINING GATE	Y04	1967	4	EA	25	57	-32	\$1,000.00	\$ 4,000	\$ 4,248
	·		VALVES TO QUARTER-TURN BALL VALVES  CAP OPEN END PIPING IN CEILING AREA.	-									
LA	45	MS004	SUPPLY AIR DUCT LEAKAGE CAN BE HEARD NEED TO FIND AND REPAIR. AIR LEAKAGE	315	2005	1	EA	25	19	6	\$2,500.00	\$ 2,500	\$ 2,655
			SOUND IS BETWEEN 65 TO 50 DB. NO SUPPLY OR RETURN GRILLES IN SPACE										
LA	120	MS005	VERTICAL UNIT VENTILATOR REPLACEMENT	W06	2002	1	EA	25	22	3	\$35,000.00	\$ 35,000	\$ 37,166
LA	170	MS006	4 THERMOSTATS / SENSORS IN ROOM. RECOMMENDED REMOVE ABANDONED	110	1967	3	EA	10	57	-47	\$200.00	\$ 600	\$ 637
LA	200	MS007	SENSORS OR THERMOSTATS.  CO2 SENSOR TO BE REPLACED OR	110	2005	1	EA	3	19	-16	\$500.00	\$ 500	\$ 531
			RECALIBRATE		<u> </u>	L	1	1					

	ROOM/ AREA	ITEM		FICM	YEAR ITEM WAS PUT INTO SERVICE	ITEM TOTAL	ITEM	AVG EUL	TIME IN USE	RUL	ITEM UNIT	ITEM	SCHEDULED MAINTENANCE PLAN YEAR 2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
LA	220	MS008	VERTICAL UNIT VENTILATOR REPLACEMENT	W06	2002	1	EA	25	22	3	\$35,000.00	\$ 35,000	\$ 37,166
LA	260	MS009	CO2 SENSOR TO BE REPLACED OR RECALIBRATE	110	2005	1	EA	3	19	-16	\$500.00	\$ 500	\$ 531
LA	310	MS010	CO2 SENSOR TO BE REPLACED OR RECALIBRATE	110	2005	1	EA	3	19	-16	\$500.00	\$ 500	\$ 531
LA	320	MS011	VERTICAL UNIT VENTILATOR REPLACEMENT	W06	2002	1	EA	25	22	3	\$35,000.00	\$ 35,000	\$ 37,166
LA	360	MS012	CO2 SENSOR TO BE REPLACED OR RECALIBRATE	110	2005	1	EA	3	19	-16	\$500.00	\$ 500	\$ 531
LA	420	MS013	CO2 SENSOR TO BE REPLACED OR RECALIBRATE	110	2005	1	EA	3	19	-16	\$500.00	\$ 500	\$ 531
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	19	1	\$2,500.00	\$ 2,500	\$ 2,655
LA	465	MS015	CO2 SENSOR TO BE REPLACED OR RECALIBRATE	110	2005	1	EA	3	19	-16	\$500.00	\$ 500	\$ 531
LA	475	MS016	LOW RETURN GRILLE HAS DEBRIS BEHIND GRILLE NEEDS TO BE CLEANED OUT	110	2005	1	EA	15	19	-4	\$200.00	\$ 200	\$ 212
LA	500	MS017	SOUND BOOTH HAS NO AIR TRANSFER OR SUPPLY TO THE SPACE	610	1967	1	EA	15	57	-42	\$2,500.00	\$ 2,500	\$ 2,655
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	19	-4	\$400.00	\$ 400	\$ 425
LA	ENTIRE BUILDING	MS019	DUCT CLEANING	UUU25	2005	45,475	SF	10	19	-9	\$0.65	\$ 29,559	\$ 31,388
			ELECTRICAL SYSTEMS (May be packaged with B		Consulting for conceptu	al construction	ost estimating w	ith quotations fr	om 3rd Party Sources)				\$ 588,074
LA	10	ES001	ADD VACANCY SENSORS IN TOILET ROOMS	X03	1967	1	EA	20	57	-37	\$250.00		\$ 265
LA	10	ES002	REPLACE TOILET ROOM FLUOR. LIGHTING	X03	2000	2	EA	20	24	-4	\$25,000.00		\$ 53,094
LA	20	ES003	ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	1967	2	EA	20	57	-37	\$25,000.00	\$ 50,000	\$ 53,094
LA	30	ES004	REPLACE STORAGE AND UTILITY ROOM LIGHTING	X03	1967	2	EA	20	57	-37	\$250.00		
LA	40	ES005	ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	1967	2	EA	20	57	-37	\$25,000.00		\$ 53,094
LA	40	ES006	REPLACE FLUOR. LIGHTING	Y04	1967	12	EA	20	57	-37	\$250.00	\$ 3,000	\$ 3,186
LA	45	ES007	REPLACE STORAGE / UTILITY ROOM LIGHTING	315	1972	2	EA	20	52	-32	\$250.00	\$ 500	\$ 531
LA	50	ES008	REPLACE STORAGE AND UTILITY ROOM LIGHTING	X03	2000	2	EA	20	24	-4	\$250.00		*
LA	60	ES009	REPLACE TOILET ROOM FLUOR. LIGHTING	X03	2000	2	EA	20	24	-4	\$250.00		\$ 531
LA LA	60	ES010	ADD VACANCY SENSORS IN TOILET ROOM	X03	1967	1	EA	20	57 24	-37 -4	\$50.00 \$250.00		\$ 53 \$ 265
LA	70 70	ES011 ES012	REPLACE TOILET ROOM FLUOR. LIGHTING ADD VACANCY SENSORS IN TOILET ROOM	X03 X03	2000 1967	1	EA EA	20	57	-4	\$50.00	\$ 250 \$ 50	
LA		ES012 ES013	REPLACE VENDING ROOM LIGHTING	660	1967	2	EA	20	57	-37	\$250.00		
LA	80	ES013	REPLACE TOILET ROOM FLUOR. LIGHTING	X03	2000	2	EA	20	24	-4	\$250.00		
LA	80	ES015	ADD VACANCY SENSORS IN TOILET ROOM	X03	1967	1	EA	20	57	-37	\$50.00		
LA	85	ES016	REPLACE MAIN SWITCHBOARD	Y04	1967	1	EA	20	57	-37	\$25,000.00		\$ 26,547
LA	85	ES017	VARIABLE FREQUENCY DRIVE (VFD) REPLACEMENT	Y04	2005	6	EA	20	19	1	\$7,500.00	\$ 45,000	\$ 47,785
LA	85	ES018	LIGHTING AND RECEPTACLE PANELBOARDS	Y04	1967	4	EA	20	57	-37	\$5,000.00	\$ 20,000	\$ 21,238
LA	85	ES019	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MOUNTED IN CORRIDOR WALLS	Y04	1967	6	EA	20	57	-37	\$5,000.00	\$ 30,000	\$ 31,857
LA	95	ES020	LIFE SAFETY AUTOMATIC TRANSFER SWITCH (ATS-E) REPLACEMENT	X01	2009	1	EA	20	15	5	\$10,000.00	\$ 10,000	\$ 10,619
LA	95	ES021	STANDBY POWER SYSTEMS AUTOMATIC TRANSFER SWITCH (ATS-NE) REPLACEMENT	X01	2009	1	EA	20	15	5	\$10,000.00	\$ 10,000	\$ 10,619

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
LOC	AREA NO.	ITEM	ITEM	FICM CODE	INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	EUL (YRS)	IN USE (YRS)	RUL (YRS)	UNIT	ITEM FIRST COST	2 2025
LA	95	ES022	LIGHTING AND RECEPTACLE PANELBOARDS	X01	1967	4	EA	20	57	-37	\$5,000.00		
LA	95	ES023	REPLACEMENTS REPLACE FLUORESCENT LIGHTING	X01	1967	4	EA	20	57	-37	\$250.00	\$ 1,000	\$ 1,062
LA	120	ES024	LIGHTING AND RECEPTACLE PANELBOARDS REPLACEMENTS	750	2004	3	EA	20	20	0	\$5,000.00	\$ 15,000	\$ 15,928
LA	121	ES025	REPLACE STORAGE ROOM LIGHTING	755	1967	3	EA	20	57	-37	\$250.00		
LA LA	122 200	ES026 ES027	REPLACE STORAGE ROOM LIGHTING REPLACE FLUOR. CLASSROOM LIGHTING	755 110	1967 2011	9	EA EA	20	57 13	-37 7	\$250.00 \$250.00		
LA	220	ES028	LIGHTING AND RECEPTACLE PANELBOARDS REPLACEMENTS	750	1967	4	EA	20	57	-37	\$5,000.00		
LA	220	ES029	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	750	2004	6	EA	20	20	0	\$300.00	\$ 1,800	\$ 1,911
LA	221	ES030	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2004	2	EA	20	20	0	\$300.00	\$ 600	\$ 637
LA	240	ES031	REPLACE FLUORESCENT CLASSROOM LIGHTING	110	1997	15	EA	20	27	-7	\$250.00	\$ 3,750	\$ 3,982
LA	320	ES032	LIGHTING AND RECEPTACLE PANELBOARDS REPLACEMENTS	210	1967	3	EA	20	57	-37	\$5,000.00	\$ 15,000	\$ 15,928
LA	320	ES033	REPLACE FLUORESCENT CLASSROOM LIGHTING	210	2012	9	EA	20	12	8	\$250.00	\$ 2,250	\$ 2,389
LA	415	ES034	REPLACE FLUORESCENT CLASSROOM LIGHTING	110	2005	9	EA	20	19	1	\$250.00	\$ 2,250	\$ 2,389
LA	430	ES035	REPLACE FLUOR. OFFICE LIGHTING AND ADD VACANCY SENSORS	110	2010	1	EA	20	14	6	\$300.00	\$ 300	\$ 319
LA	431	ES036	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	1997	4	EA	20	27	-7	\$300.00	\$ 1,200	\$ 1,274
LA	432	ES037	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	1997	2	EA	20	27	-7	\$300.00	\$ 600	\$ 637
LA	440	ES038	REPLACE FLUORESCENT CLASSROOM LIGHTING	110	2005	15	EA	20	19	1	\$250.00	\$ 3,750	\$ 3,982
LA	442	ES039	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2005	2	EA	20	19	1	\$300.00	\$ 600	\$ 637
LA	443	ES040	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2005	2	EA	20	19	1	\$300.00	\$ 600	\$ 637
LA	444	ES041	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2005	2	EA	20	19	1	\$300.00	\$ 600	\$ 637
LA	500	ES042	REPLACE THEATER HOUSE INCANDESCENT CAN AND WALL MOUNTED LIGHTING	610	2004	54	EA	20	20	0	\$250.00	\$ 13,500	\$ 14,335
LA	501	ES043	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	610	2004	2	EA	20	20	0	\$300.00	\$ 600	\$ 637
LA	510	ES044	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MOUNTED IN CORRIDOR WALLS	615	2004	6	LS	20	20	0	\$5,000.00	\$ 30,000	\$ 31,857
LA	510	ES045	THEATER LIGHTING CONTROL EQUIPMENT	615	2004	1	EA	20	20	0	\$15,000.00	\$ 15,000	\$ 15,928
LA	521	ES046	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	522	ES047	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	1	24	-23	\$300.00	\$ 600	\$ 637
LA	523	ES048	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	524	ES049	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	525	ES050	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	531	ES051	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	540	ES052	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	541	ES053	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	542	ES054	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	543	ES055	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	544	ES056	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637

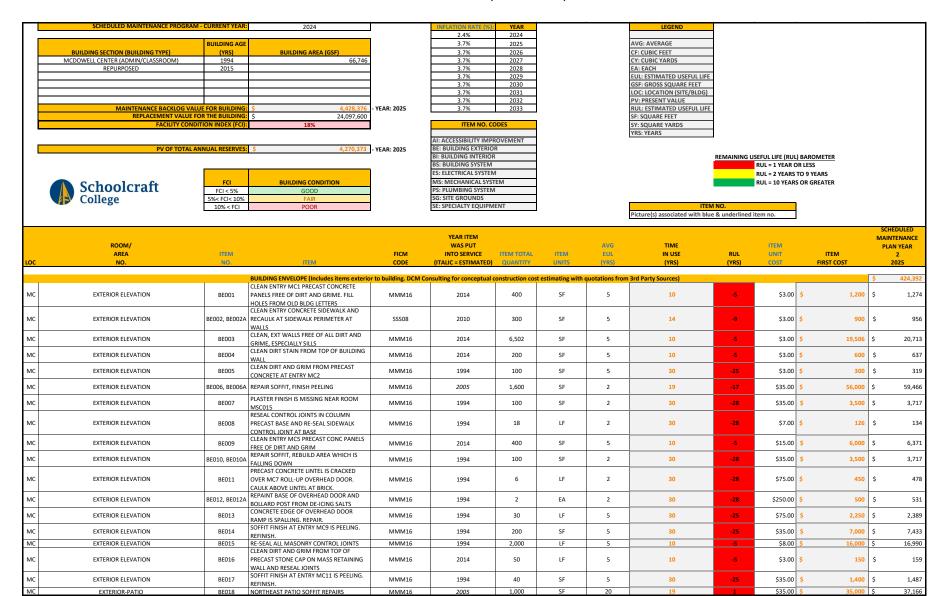
	ROOM/ AREA	ITEM		FICM	YEAR ITEM WAS PUT INTO SERVICE	ITEM TOTAL	ITEM	AVG EUL	TIME IN USE	RUL	ITEM UNIT	ITEM	SCHEDULED MAINTENANCE PLAN YEAR 2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
LA	545	ES057	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	551	ES058	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	560	ES059	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	561	ES060	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	562	ES061	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	563	ES062	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	564	ES063	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	565	ES064	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	570	ES065	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	571	ES066	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	572	ES067	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	573	ES068	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	574	ES069	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00	\$ 600	\$ 637
LA	575	ES070	REPLACE FLUORESCENT OFFICE LIGHTING AND ADD VACANCY SENSORS	310	2000	2	EA	20	24	-4	\$300.00		
LA	EXTERIOR	ES071	REPLACE EXTERIOR BUILDING LIGHTING	UUU10	2000	13	EA	20	24	-4	\$250.00		
LA	EXTERIOR	ES072	STANDBY GENERATOR REPLACEMENT	UUU04	2009	1	EA	20	15	5	\$30,000.00		\$ 31,857
LA	EXTERIOR	ES073	REPLACE SERVICE TRANSFORMER	UUU04	2004	1	EA	20	20	0	\$15,000.00		\$ 15,928
LA	EXTERIOR	ES074	REPLACE EXTERIOR SOFFIT LIGHTING		1967	6	EA	20	57	-37	\$250.00	\$ 1,500	\$ 1,593
LA	1000	ES075	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MOUNTED IN CORRIDOR WALLS	W06	1967	6	EA	20	57	-37	\$250.00	\$ 1,500	\$ 1,593
LA	1102	ES076	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MOUNTED IN CORRIDOR WALLS	Y04	1967	6	EA	20	57	-37	\$5,000.00	\$ 30,000	\$ 31,857
LA	2000	ES077	EXIT LIGHTING UPGRADE	W06	2009	29	EA	20	15	5	\$250.00	\$ 7,250	\$ 7,699
LA	4000	ES079	ADD VACANCY SENSORS	W06	2000	40	EA	20	24	-4	\$50.00		
	4000	230.3	BUILDING SYSTEMS (Fire, security, IT/media in						rom 3rd Party Sources)		Ţ. J.00	. 2,000	\$ 71,677
LA	85	BS001	BOILER EPO SYSTEM	Y04	2005	1	EA	20	19	1	\$7,500.00	\$ 7,500	
LA	INTERIOR-BUILDING WIDE	BS002	UPGRADE TO PRIMAX CLOCK SYSTEM	UUU25	1967	1	EA	20	57	-37	\$60,000.00		
			SPECIALTY EQUIPMENT (Food service, theatre								, ,		\$ 159,283
			INSTALL CRANE RAIL FOR CHAIN FALL THAT	.,, JCIVI C	l conceptua								
LA	40	SE001	CAN BE USED TO HOIST EQUIPMENT OVER	Y04	1967	1	EA	35	57	-22	\$150,000.00	\$ 150,000	\$ 159,283
			ACCESSIBILITY IMPROVEMENTS (Building code	es & ADA standards f	or accessible design. DC	M Consulting for	or conceptual con	struction cost e	stimating with quotations from	3rd Party Source	5)		\$ 74.332
LA	FACULTY OFFICE BAYS	AI001	BARRIER-FREE IMPROVEMENTS	310	1967	2	EA	20	57	-37	\$35,000.00	\$ 70,000	\$ 74,332
										ΔΝΝΙ		QUIREMENTS (ROUNDED):	

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



## SCHOOLCRAFT COLLEGE; MANUFACTURING AND ENGINEERING 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 2 2025
MEC	150	ES009	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	210	2020	1	EA	20	4	16	\$5,000.00	\$ 5,000	\$ 5,309
MEC	235	ES010	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	210	2020	1	EA	20	4	16	\$5,000.00	\$ 5,000	\$ 5,309
MEC	305	ES011	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	215	2020	1	EA	20	4	16	\$5,000.00	\$ 5,000	\$ 5,309
MEC	330	ES012	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	210	2020	2	EA	20	4	16	\$5,000.00	\$ 10,000	\$ 10,619
MEC	403	ES013	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	215	2020	2	EA	20	4	16	\$5,000.00	\$ 10,000	\$ 10,619
MEC	405	ES014	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	210	2020	2	EA	20	4	16	\$5,000.00	\$ 10,000	\$ 10,619
MEC	405	ES015	ELECTRICAL DISTRIBUTION EQUIPMENT	210	2020	1	EA	20	4	16	\$25,000.00	\$ 25,000	\$ 26,547
MEC	2000	ES016	ELECTRICAL RECEPTACLE AND LIGHTING PANELBOARDS	W06	2020	3	EA	20	4	16	\$5,000.00	\$ 15,000	\$ 15,928
MEC	40	ES017	SERVICE TRANSFORMER	Y04	2020	1	EA	20	4	16	\$15,000.00	\$ 15,000	\$ 15,928
MEC	40	ES018	STANDBY GENERATOR	Y04	2020	1	EA	20	4	16	\$30,000.00	\$ 30,000	\$ 31,857
MEC	40	ES019	LIFE SAFETY AUTOMATIC TRANSFER SWITCH (ATS-HXE)	Y04	2020	1	EA	20	4	16	\$10,000.00	\$ 10,000	\$ 10,619
			BUILDING SYSTEMS (Fire, security, IT/media in	frastructure. DCM	Consulting for conceptu	al construction	cost estimating v	vith quotations	from 3rd Party Sources)				\$ -
MEC										0	\$0.00	\$ -	\$ -
			SPECIALTY EQUIPMENT (Food service, theatre,	labs, shops. DCM	Consulting for conceptu	al construction	cost estimating w	ith quotations	from 3rd Party Sources)				\$ -
MEC										0	\$0.00	\$ -	\$ -
			ACCESSIBILITY IMPROVEMENTS (Building code	s & ADA standards	for accessible design. D	CM Consulting	for conceptual co	nstruction cost	estimating with quotations fro	m 3rd Party So			\$ -
MEC							<u> </u>	<u> </u>		0	\$0.00		\$ -
					,					ANNUAL	L FUNDING REC	(UIREMENTS (ROUNDED):	\$ 1,634,219

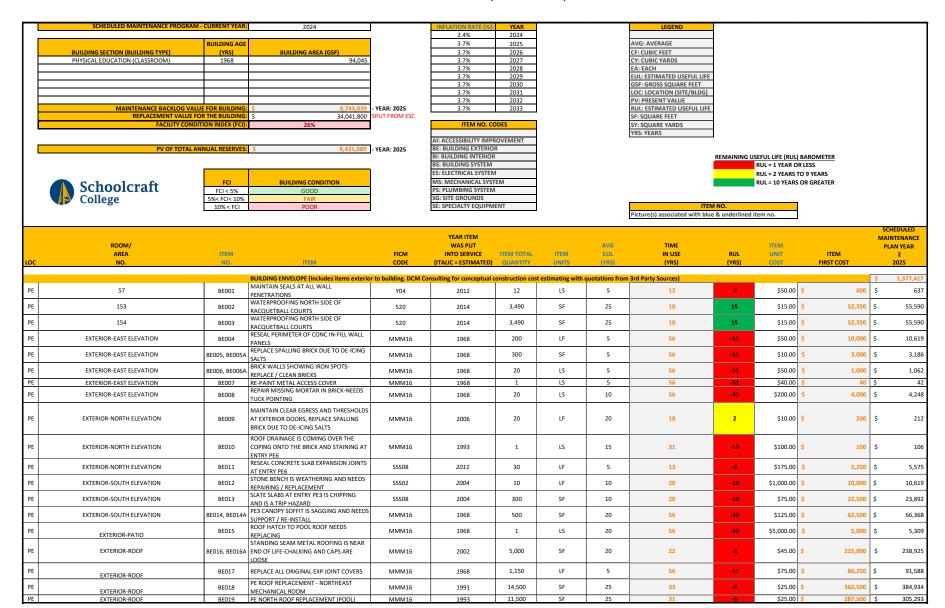


					YEAR ITEM								SCHEDULED MAINTENANCE
	ROOM/				WAS PUT			AVG	TIME		ITEM		PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	DEDI ACE ALL CONDENSES AID COOLED	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
мс	EXTERIOR-ROOF	BE019	REPLACE ALL CONDENSER AIR COOLED CONDENSING UNIT COVERS WHEN DONE CLEANING	MMM16	1994	3	EA	2	30	-28	\$3.00	\$ 9	\$ 10
MC	EXTERIOR-ROOF	BE021	SKY LIGHT MAINTENANCE	MMM16	1994	450	SF	25	30	-5	\$5.00	\$ 2,250	\$ 2,389
			FAÇADE RESTORATION REPAIRS (TEC							0			
	EXTERIOR-STONE FAÇADE	BE024	REPORT# 64099-001)	MMM16	1994	1	EA	30	30	U	\$248,850.00	\$ 248,850	
			BUILDING INTERIOR (DCM Consulting for conce	eptual construction	cost estimating with quo	tations from 3rd	d Party Sources)						\$ 621,686
			ACOUSTICAL CEILING PANELS ARE SCUFFED,										l .
MC	005	BI001	CHIPPED, DIRTY. NEED REPLACING.	W06	1994	600	SF	5	30	-25	\$7.00		
MC	010	BI002	CARPET IS STAINED. CLEAN OR REPLACE.	210	1994	1,200	SF	5	30	-25	\$7.00	\$ 8,400	\$ 8,920
MC	015	BI003	ACOUSTICAL CEILING PANELS ARE DIRTY, CHIPPED, AND NEED REPLACING	110	1994	600	SF	5	30	-25	\$7.00	\$ 4,200	\$ 4,460
MC	020	BI004	WOOD DOOR IS SCRATCHED AND NEED TO BE REFINISHED OR REPLACED	210	1994	1	EA	5	30	-25	\$2,500.00	\$ 2,500	\$ 2,655
MC	030	BI005, BI005A	BASEBOARD RADIATOR HEATER IS SCRATCHED AND CHIPPED. REPAINT.	210	1994	25	FT	5	30	-25	\$250.00	\$ 6,250	\$ 6,637
МС	035	BI006	ACOUSTICAL CEILING PANELS ARE SCUFFED, CHIPPED, AND BROKEN. NEED TO BE REPLACED.	110	1994	625	SF	5	30	-25	\$7.00	\$ 4,375	\$ 4,646
MC	036	BI007	CARPET IS STAINED. REPLACE.	310	1994	144	SF	5	30	-25	\$7.00	\$ 1,008	\$ 1,070
MC	037	BI008	CARPET IS STAINED. REPLACE.	310	1994	144	SF	5	30	-25	\$7.00	\$ 1,008	\$ 1,070
MC	037	BI009	ACOUSTICAL CEILING PANELS ARE STAINED AND NEED REPLACING	310	1994	144	SF	5	30	-25	\$7.00	\$ 1,008	\$ 1,070
мс	050	BI010,BI010A	ACOUSTICAL CEILING PANELS ARE STAINED AND DIRTY, AND NEED REPLACING	210	2006	600	SF	5	18	-13	\$7.00	\$ 4,200	\$ 4,460
MC	050	BI011	BASEBOARD RADIATOR HEATER IS SCRATCHED AND CHIPPED. REPAINT.	210	1994	50	LF	5	30	-25	\$8.00	\$ 400	\$ 425
MC	11	BI012	TOILET ROOM UPGRADES	X03	1994	315	EA	25	30	-5	\$300.00	\$ 94,500	\$ 100,348
MC	11	BI013	TOILET ROOM MIRRORS REPLACEMENT	X03	1994	3	EA	25	30	-5	\$250.00	\$ 750	\$ 796
MC	13	BI014	TOILET ROOM UPGRADES	X03	1994	315	EA	25	30	-5	\$300.00	\$ 94,500	\$ 100,348
MC	13	BI015	TOILET ROOM MIRRORS REPLACEMENT	X03	1994	3	EA	25	30	-5	\$250.00	\$ 750	\$ 796
MC MC	14	BI016	CLEAN FLOORING AT ENTRY DOOR	Y04	2021	10	SF	5	3 30	-10	\$3.00	\$ 30 \$ 1.500	\$ 32 \$ 1,593
	19	BI017	DOCK LIFT MAINTENANCE WD DOOR IS CHIPPED AND NEED TO BE	W04	1994	1	EA	20			\$1,500.00	, , , , , , , , , , , , , , , , , , , ,	
MC MC	21	BI018	REFINISHED OR REPLACED	X03	1994	1	EA	5	30 30	-25	\$2,500.00	<u> </u>	\$ 2,655
MC	21 21	BI019 BI020	TOILET ROOM UPGRADES TOILET ROOM MIRRORS REPLACEMENT	X03	1994 1994	300	EA EA	25 25	30	-5	\$300.00 \$250.00	\$ 90,000 \$ 750	\$ 95,570 \$ 796
MC	23	BI020	TOILET ROOM MIRRORS REPLACEMENT TOILET ROOM UPGRADES	X03 X03	1994	300	EA	25	30	-5	\$300.00	\$ 90,000	\$ 95,570
MC	23	BI022	TOILET ROOM OFGRADES  TOILET ROOM MIRRORS REPLACEMENT	X03	1994	3	EA	25	30	-5	\$250.00	\$ 750	\$ 796
MC	31	BI023	TOILET ROOM UPGRADES	X03	1994	1	EA	25	30	-5	\$30,000.00	\$ 30,000	\$ 31,857
MC	31	BI024	TOILET ROOM MIRRORS REPLACEMENT	X03	1994	3	EA	25	30	-5	\$250.00	\$ 750	\$ 796
MC	33	BI025	TOILET ROOM UPGRADES	X03	1994	1	EA	25	30	-5	\$30,000.00	\$ 30,000	\$ 31,857
MC	33	BI026	TOILET ROOM MIRRORS REPLACEMENT	X03	1994	3	EA	25	30	-5	\$250.00	\$ 750	\$ 796
МС	100-ENTIRE ROOM	BI027	FOLDING PARTITION HAS DENTS AND IS DIRTY	110	1994	1,500	SF	5	30	-25	\$8.00	\$ 12,000	\$ 12,743
мс	100-ENTIRE ROOM	BI028	ACOUSTICAL CEILING PANELS ARE SCUFFED, CHIPPED, AND BROKEN. NEED TO BE REPLACED.	110	1994	2,500	SF	5	30	-25	\$7.00	\$ 17,500	\$ 18,583
МС	108	BI029	ACOUST CEILING PANELS ARE STAINED AND NEED REPLACING	310	2015	200	SF	5	9	-4	\$7.00	\$ 1,400	\$ 1,487
мс	108	BI030	WD DOOR IS SCRATCHED AND NEED TO BE REFINISHED OR REPLACED	310	2015	1	EA	5	9	-4	\$2,500.00	\$ 2,500	\$ 2,655
MC	109	BI031	CARPET IS STAINED. CLEAN OR REPLACE.	310	2015	300	SF	5	9	-4	\$7.00	\$ 2,100	\$ 2,230
MC	130	BI032	REPAIR GYP BD WALL CHIPS AND MARKS	310	2015	100	SF	5	9	-4	\$10.00	\$ 1,000	\$ 1,062
MC	140	BI033	CARPET IS STAINED. CLEAN OR REPLACE.	310	2015	600	SF	5	9	-4	\$7.00	\$ 4,200	\$ 4,460
мс	155	BI034	GASKET IS COMING OUT OF EXT CURTAINWALL GLASS FRAMING	310	1994	50	LF	20	30	-10	\$75.00	\$ 3,750	\$ 3,982
мс	160	BI035	CEILING CONTROL JOINT NEEDS TO BE FIXED	310	2015	15	LF	5	9	-4	\$150.00	\$ 2,250	\$ 2,389
МС	165	BI036	ACOUST CEILING PANELS ARE STAINED AND NEED REPLACING	310	2015	400	SF	2	9	-7	\$7.00	\$ 2,800	\$ 2,973
мс	166	BI037	ACOUST CEILING PANELS ARE CHIPPED, SCRATCHED, AND DIRTY. NEED REPLACING.	310	2015	200	SF	2	9	-7	\$7.00	\$ 1,400	\$ 1,487

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	PLAN TEAK 2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
MC	170	BI038	WD DOOR IS SCRATCHED AND NEED TO BE REFINISHED OR REPLACED	315	1994	1	EA	50	30	20	\$2,500.00	\$ 2,500	\$ 2,655
MC	175	BI039	ACOUST CEILING PANELS ARE STAINED AND NEED REPLACING	310	2015	500	SF	2	9	-7	\$7.00	\$ 3,500	\$ 3,717
MC	179	BI040	ACOUST CEILING PANELS ARE STAINED AND NEED REPLACING	310	2015	200	SF	2	9	-7	\$7.00	\$ 1,400	\$ 1,487
MC	205	BI041	COUNTER BACKSPLASH IS DELAMINATING	310	2011	3	LF	2	13	-11	\$300.00	\$ 900	\$ 956
MC	220A	BI042	ACOUST CEILING PANELS ARE STAINED AND CHIPPED, AND NEED REPLACING	225	2014	500	SF	5	10	-5	\$7.00	\$ 3,500	\$ 3,717
MC	225	BI043	ACOUST CEILING PANELS ARE STAINED AND NEED REPLACING	310	2014	300	SF	5	10	-5	\$7.00	\$ 2,100	\$ 2,230
MC	227	BI044	ACOUST CEILING PANELS ARE STAINED AND NEED REPLACING	220	2014	250	SF	5	10	-5	\$7.00	\$ 1,750	\$ 1,858
мс	1000	BI045	WELCOME COUNTER IS DAMAGED AT CORNER. NEEDS TO BE FIXED.	W06	2015	1	EA	5	9	-4	\$300.00	\$ 300	\$ 319
MC	STE-0	BI046	STAIR TREADS AND LANDINGS ARE WORN. CONSIDER NEW FLOORING.	W07	1994	900	SF	5	30	-25	\$15.00	\$ 13,500	\$ 14,335
MC	STS-1	BI047	STAIR TREADS AND LANDINGS ARE WORN. CONSIDER NEW FLOORING.	W07	1994	900	SF	5	30	-25	\$15.00	\$ 13,500	\$ 14,335
МС	STN-2	BI048	STAIR TREADS AND LANDINGS ARE WORN. CONSIDER NEW FLOORING.	W07	1994	900	SF	5	30	-25	\$15.00	\$ 13,500	\$ 14,335
МС	VEST-N	BI049	DOOR HARDWARE IS WORN AND COULD USE REPLACING	W05	1994	1	PR	5	30	-25	\$1,500.00	\$ 1,500	\$ 1,593
МС	VEST-W	BI050	REPAIR GYP BD ABOVE ENTRY MC1 DOORS	W05	1994	3	SF	2	30	-28	\$8.00	\$ 24	\$ 25
МС	VEST-S	BI051	DOOR HARDWARE IS WORN AND COULD USE REPLACING	W05	1994	1	PR	5	30	-25	\$1,500.00	\$ 1,500	\$ 1,593
			PLUMBING SYSTEMS (May be packaged with B	item scope, DCN	A Consulting for conceptua	construction co	ost estimating wif	th quotations fro	m 3rd Party Sources)				\$ 8,495
MC	37	PS001	DOMESTIC HOT WATER HEATER REPLACEMENT	Y04	2007	1	EA	10	17	-7	\$8,000.00	\$ 8,000	\$ 8,495
			MECHANICAL SYSTEMS (May be packaged with	BI item scope. D	OCM Consulting for concept	tual construction	n cost estimating	with quotations	from 3rd Party Sources)				\$ 2,859,690
MC	14	MS001	MAINTENANCE/REPLACEMENTS A/C SYSTEM FOR TECH CLOSET	Y04	2015	2	EA	18	9	9	\$20,000.00	\$ 40,000	\$ 42,476
МС	17	MS002	AIR HANDLING UNIT, AH-1 REFURBISHMENT/RECOMMISSIONING	Y04	1994	1	EA	25	30	-5	\$15,000.00	\$ 15,000	\$ 15,928
МС	24	MS003	MAINTENANCE/REPLACEMENTS A/C SYSTEM FOR TECH CLOSET	Y04	2015	2	EA	18	9	9	\$20,000.00	\$ 40,000	\$ 42,476
МС	27	MS004	AIR HANDLING UNIT, AH-2 COOLING COIL IS OXIDATION AT THE DRAIN PAN AND NEEDS REPLACEMENT	Y04	1994	1	EA	25	30	-5	\$30,000.00	\$ 30,000	\$ 31,857
мс	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	9	9	\$20,000.00	\$ 40,000	\$ 42,476
MC	37	MS006	HOT WATER HEATING PUMP MAINTENANCE/REPLACEMENTS	Y04	1994	2	EA	20	30	-10	\$40,000.00	\$ 80,000	\$ 84,951
МС	37	MS007	BOILER REPLACEMENTS	Y04	1994	3	EA	25	30	-5	\$65,000.00	\$ 195,000	\$ 207,068
мс	37	MS008	CHILLED WATER PUMP	Y04	1994	3	EA	15	30	-15	\$40,000.00	\$ 120,000	\$ 127,427
МС	37	MS009	MAINTENANCE/REPLACEMENTS CHILLER MAINTENANCE/REPLACEMENTS. HAS A HIGH PITCH COMING FROM THE ROOM AND CAN BE HEARED IN THE CORRIDOR.	Y04	1994	3	EA	30	30	0	\$40,000.00		\$ 127,427
МС	INTERIOR-BUILDING WIDE	MS010	ZONING OF PERIMETER HOT WATER RADIANT HEATING SYSTEM FOR IMPROVED TEMPERATURE CONTROL IN VARIOUS CLASSROOM AND OFFICE AREAS	UUU25	1994	30,000	SF	20	30	-10	\$25.00	\$ 750,000	\$ 796,416
MC	INTERIOR-BUILDING WIDE	MS011	VAV BOX REPLACEMENTS	UUU25	2015	50,000	SF	20	9	11	\$25.00	\$ 1,250,000	\$ 1,327,360
МС	EXTERIOR-ROOF	MS012	CHILLER ROOF-MOUNTED CONDENSING UNIT MAINTENANCE/REPLACEMENTS	UUU25	1994	3	EA	20	30	-10	\$8.00	\$ 24	\$ 25
MC	EXTERIOR-ROOF	MS013	ROOF-MOUNTED EXHAUST FAN, EFR-1 REPLACEMENT	UUU25	1994	1	EA	20	30	-10	\$6,500.00	\$ 6,500	\$ 6,902
МС	EXTERIOR-ROOF	MS014	ROOF-MOUNTED EXHAUST FAN, EFR-2 REPLACEMENT	UUU25	1994	1	EA	20	30	-10	\$6,500.00	\$ 6,500	\$ 6,902

													SCHEDULED
	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		MAINTENANCE
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	PLAN YEAR 2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
200			ELECTRICAL SYSTEMS (May be packaged with			al construction co	ost estimating w	ith quotations fro		(11.5)	0001	111151 6051	\$ 111,764
MC	001	ES001	REPLACE FLUORESCENT LIGHTING	W06	1994	6	EA	20	30	-10	\$250.00	\$ 1,500	\$ 1,593
MC	002	ES002	REPLACE FLUORESCENT LIGHTING	W06	1994	15	EA	20	30	-10	\$250.00	+ -/	\$ 3,982
MC	003	ES003	REPLACE FLUORESCENT LIGHTING	W06	1994	7	EA	20	30	-10	\$250.00	\$ 1,750	
MC MC	004	ES004 ES005	REPLACE FLUORESCENT LIGHTING	W06	1994	10 8	EA	20	30 30	-10 -10	\$250.00	\$ 2,500 \$ 2,000	\$ 2,655
MC	005 006	ES005	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	650	1994 1994	9	EA EA	20	30	-10	\$250.00 \$250.00	\$ 2,000 \$ 2,250	\$ 2,124 \$ 2,389
MC	007	ES007	REPLACE FLOORESCENT LIGHTING  REPLACE FLOORESCENT LIGHTING	650	1994	4	EA	20	30	-10	\$250.00	\$ 1,000	\$ 1,062
MC	015	ES008	REPLACE FLUORESCENT LIGHTING	110	1994	12	EA	20	30	-10	\$250.00	\$ 3,000	\$ 3,186
MC	025	ES009	REPLACE FLUORESCENT LIGHTING	210	1994	9	EA	20	30	-10	\$250.00	\$ 2,250	\$ 2,389
MC	030	ES010	REPLACE FLUORESCENT LIGHTING	210	1994	9	EA	20	30	-10	\$250.00	\$ 2,250	\$ 2,389
MC	035	ES011	REPLACE FLUORESCENT LIGHTING	110	1994	9	EA	20	30	-10	\$250.00	\$ 2,250	\$ 2,389
MC	036	ES012	REPLACE FLUORESCENT LIGHTING	310	1994	3	EA	20	30 30	-10 -10	\$250.00	\$ 750	\$ 796 \$ 796
MC MC	037 038	ES013 ES014	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	310 310	1994 1994	3	EA EA	20	30	-10	\$250.00 \$250.00	\$ 750 \$ 750	\$ 796 \$ 796
MC	038	ES014 ES015	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	210	2006	18	EA	20	18	2	\$250.00	\$ 4,500	\$ 4,778
MC	050	ES016	REPLACE FLUORESCENT LIGHTING	210	2006	9	EA	20	18	2	\$250.00	\$ 2,250	\$ 2,389
MC	060	ES017	REPLACE FLUORESCENT LIGHTING	310	2015	3	EA	20	9	11	\$250.00	\$ 750	\$ 796
MC	11	ES018	REPLACE FLUORESCENT LIGHTING	X03	1994	10	EA	20	30	-10	\$250.00	\$ 2,500	\$ 2,655
MC	12	ES019	REPLACE FLUORESCENT LIGHTING	X01	1994	1	EA	20	30	-10	\$250.00	\$ 250	
MC	13	ES020	REPLACE FLUORESCENT LIGHTING	X03	1994	9	EA	20	30	-10	\$250.00	\$ 2,250	
MC MC	14 15	ES021 ES022	REPLACE FLUORESCENT LIGHTING	Y04 Y04	1994 1994	3	EA	20	30 30	-10	\$250.00	\$ 750 \$ 250	\$ 796 \$ 265
MC	15	ES022	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	Y04 Y04	1994	8	EA EA	20	30	-10 -10	\$250.00 \$250.00	\$ 2,000	\$ 2,124
MC	18	ES024	REPLACE FLOORESCENT LIGHTING  REPLACE FLOORESCENT LIGHTING	Y04	1994	6	EA	20	30	-10	\$250.00	\$ 1,500	\$ 1,593
мс	18	ES025	REPLACE ELECTRICAL POWER DISTRIBUTION (MAB, PANELS, TRANSFORMERS, ETC)	Y04	1994	1	EA	20	30	-10	\$25,000.00	\$ 25,000	
мс	19	ES026	REPLACE FLUORESCENT LIGHTING	W04	1994	6	EA	20	30	-10	\$250.00	\$ 1.500	\$ 1,593
MC	21	ES027	REPLACE FLUORESCENT LIGHTING  REPLACE FLUORESCENT LIGHTING	X03	1994	10	EA	20	30	-10	\$250.00	\$ 2,500	\$ 2,655
MC	22	ES028	REPLACE FLUORESCENT LIGHTING	X01	1994	1	EA	20	30	-10	\$250.00	\$ 250	\$ 265
MC	23	ES029	REPLACE FLUORESCENT LIGHTING	X03	1994	9	EA	20	30	-10	\$250.00	\$ 2,250	\$ 2,389
MC	24	ES030	REPLACE FLUORESCENT LIGHTING	Y04	1994	2	EA	20	30	-10	\$250.00	\$ 500	\$ 531
MC	27	ES031	REPLACE FLUORESCENT LIGHTING	Y04	1994	6	EA	20	30	-10	\$250.00	\$ 1,500	\$ 1,593
MC MC	31 32	ES032	REPLACE FLUORESCENT LIGHTING	X03	1994	10 1	EA EA	20	30 30	-10 -10	\$250.00 \$250.00	\$ 2,500 \$ 250	\$ 2,655 \$ 265
MC	33	ES033 ES034	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	X01 X03	1994 1994	9	EA	20	30	-10	\$250.00	\$ 2.250	\$ 2.389
MC	34	ES035	REPLACE FLUORESCENT LIGHTING	Y04	1994	2	EA	20	30	-10	\$250.00	\$ 500	\$ 531
MC	37	ES036	REPLACE FLUORESCENT LIGHTING	Y04	1994	6	EA	20	30	-10	\$250.00	\$ 1,500	\$ 1,593
MC	100A	ES037	REPLACE FLUORESCENT LIGHTING	110	1994	10	EA	20	30	-10	\$250.00	\$ 2,500	\$ 2,655
MC	100B	ES038	REPLACE FLUORESCENT LIGHTING	110	1994	10	EA	20	30	-10	\$250.00	\$ 2,500	\$ 2,655
MC	100C	ES039	REPLACE FLUORESCENT LIGHTING	110	1994	10	EA	20	30	-10	\$250.00	\$ 2,500	\$ 2,655
MC MC	100D 166	ES040 ES041	REPLACE FLUORESCENT LIGHTING	110 310	1994 1994	10	EA EA	20	30 30	-10 -10	\$250.00 \$250.00	\$ 2,500 \$ 500	\$ 2,655 \$ 531
MC	166	ES041 ES042	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	310	1994	3	EA	20	30	-10	\$250.00		\$ 796
MC	168	ES043	REPLACE FLUORESCENT LIGHTING  REPLACE FLUORESCENT LIGHTING	310	1994	2	EA	20	30	-10	\$250.00	\$ 500	\$ 531
MC	169	ES044	REPLACE FLUORESCENT LIGHTING	315	2015	2	EA	20	9	11	\$250.00	\$ 500	\$ 531
MC	170	ES045	REPLACE FLUORESCENT LIGHTING	315	1994	2	EA	20	30	-10	\$250.00	\$ 500	\$ 531
MC	2001	ES050	REPLACE FLUORESCENT DOWN LIGHTING	W06	1994	6	EA	20	29	-9	\$250.00	\$ 1,500	\$ 1,593
MC	STC-0	ES053	REPLACE FLUORESCENT LIGHTING	W07	1994	2	EA	20	30	-10	\$250.00	\$ 500	
MC	STS-1	ES055	REPLACE FLUORESCENT LIGHTING	W07	1994	1	EA	20	30 30	-10	\$250.00		\$ 265
MC MC	STE-1 STC-1	ES056 ES057	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	W07 W07	1994 1994	7	EA EA	20	30	-10 -10	\$250.00 \$250.00	\$ 500 \$ 1,750	\$ 531 \$ 1,858
MC	STC-1 STS-2	ES057	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	W07	1994	2	EA EA	20	30	-10	\$250.00	\$ 1,750	\$ 1,858
MC	STC-2	ES060	REPLACE FLUORESCENT LIGHTING	W07	1994	8	EA	20	30	-10	\$250.00	\$ 2,000	\$ 2,124
MC	VEST-LLS	ES061	REPLACE FLUORESCENT LIGHTING	W06	1994	2	EA	20	30	-10	\$250.00		\$ 531
MC	VEST-LLE	ES062	REPLACE FLUORESCENT LIGHTING	W06	1994	1	EA	20	30	-10	\$250.00	\$ 250	\$ 265
MC	VEST-N	ES063	REPLACE FLUORESCENT LIGHTING	W06	1994	1	EA	20	30	-10	\$250.00	\$ 250	
MC	VEST-S	ES064	REPLACE FLUORESCENT LIGHTING	W06	1994	1	EA	20	30	-10	\$250.00	\$ 250	
мс	18	BS001	BUILDING SYSTEMS (Fire, security, IT/media in	ofrastructure. DCI UUU25	M Consulting for conceptua 1994	l construction co	st estimating wi	th quotations fro 20	om 3rd Party Sources)	10	\$35,000.00	ć 25.000	\$ 45,130 \$ 37,166
MC	18 37	BS001 BS002	CLOCK SYSTEM REPLACEMENT BOILER ROOM EPO SYSTEM	Y04	1994	1	EA EA	20	30 30	-10	\$35,000.00	\$ 35,000 \$ 7,500	\$ 37,166 \$ 7,964
IVIC	51	63002	SPECIALTY EQUIPMENT (Food service, theatre			construction co			m 3rd Party Sources)	-10	\$1,500.00	7,500	\$ 357,055
мс	1E ELEVATOR NO. 29500	SE001	ELEVATOR MAINTENANCE	W02	1994	1	EA	4	30	-26	\$336,245.00	\$ 336,245	\$ 357,055
											, ,		

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM	ı	SCHEDULED MAINTENANCE PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
			ACCESSIBILITY IMPROVEMENTS (Building co	des & ADA standards	for accessible design. DC	M Consulting fo	or conceptual cons	truction cost est	timating with quotations from	ord Party Source	es)	\$	165
MC	33	AI001	COAT RACK ADJUSTMENTS	X03	1994	1	EA	20	30	-10	\$5.00 \$	5 \$	5
МС	ENTIRE BUILDING	AI002	BARRIER FREE DRINKING FOUNTAIN ADJUSTMENTS	W06	1994	6	EA	20	30	-10	\$25.00 \$	150 \$	160
										ANNUA	L FUNDING REQUIR	EMENTS (ROUNDED): \$	4,428,376

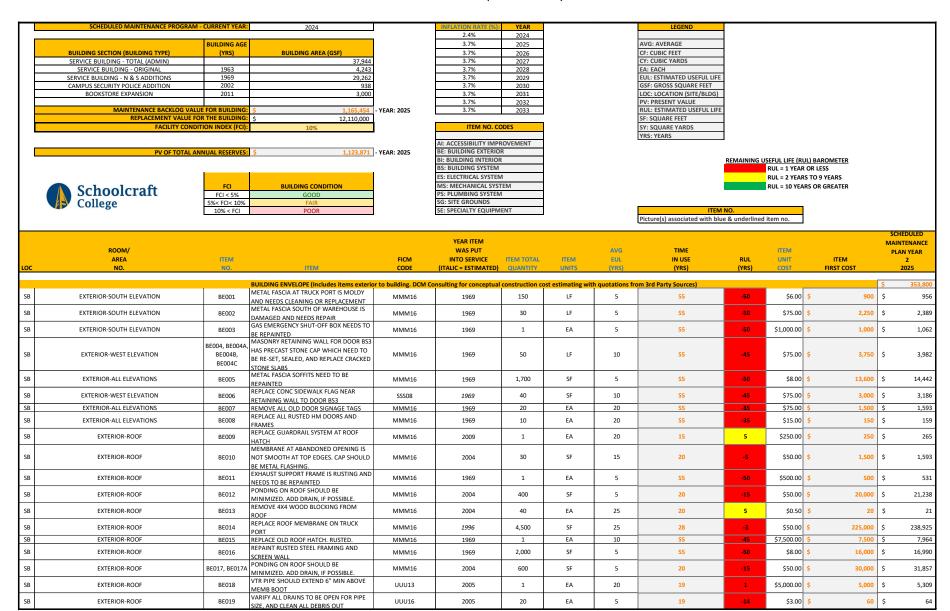


MARCH   1982		ROOM/				YEAR ITEM			41/5	TIME				SCHEDULED MAINTENANCE
Page			ITCAA		FICM	WAS PUT	ITEM TOTAL	CTC A	AVG		0111	ITEM	ITCAA	PLAN YEAR 2
PRINCE   MARCH   MAR				ITEM										2025
FOUND   PRODUCT   PRODUC		110.		11411	CODE	(ITALIC - ESTIMATED)	QUARTITI	Olelia	(113)	(TKS)	(113)	COST	Tilist cost	2023
PRINTERMANASCHEFF PRIMES   SECURE   ADMINISTRATION   AD					MMM16	1968	1,150	LF	40	56	-16	\$50.00	\$ 57,500	\$ 61,059
F		EXTERIOR-ROOF	BE020B											
Company   Comp														
Temporal Electronics   BECOLD   BECOLD   CONTROL DIVERS   MANUEL   1984   800   1   3   5   50   81   500   5   2200   5		EXTERIOR-MASONRY REPAIRS	BE022		MMM16	2006	350	SF	15	18	-3	\$50.00	\$ 17,500	\$ 18,583
Section   Proceedings   Proceedings   Procedure   Procedure   Process   Pr		EXTERIOR-ALL FLEVATIONS	BE023		MMM16	1968	800	1F	5	56	-51	\$40.00	\$ 32,000	\$ 33,980
F		EXTERIOR FLEE ELEVATIONS	52023										, , , , ,	\$ 5,108,823
The   1		1	BIO01	SEAL PENETRATION OF PIPE IN WALL-PAINT	V0.4	1968	1	FΔ	20	56	-36	\$150.00	\$ 150	\$ 159
FE   2			51001		104	1500	-		20		- 50	\$150.00		7 133
PF   2		1A	BI002		Y03	2012	1	EA	20	12	8	\$175.00	\$ 175	\$ 186
F			+											
FE   10		2	BI003		Y04	1968	1	LS	25	56	-31	\$200.00	\$ 200	\$ 212
Part   10		-2Δ	BIOOA		V04	1968	1	IS	25	56	-31	\$200.00	\$ 200	\$ 212
PE   10   100														
PE	-										-6			7
FE											-46			\$ 796
PE   SO														
PE		40	BI008		X03	1968	400	SF	25	56	-31	\$5,000.00	\$ 2,000,000	\$ 2,123,776
FE   S4   BB011   CONCRIGO PSI FIRST HORDAYT   W05   1968   1   EA   20   55   35   55   55   55   55   55   5		50	BI009		X03	1968	400	SF	25	56	-31	\$5,000,00	\$ 2,000,000	\$ 2,123,776
FE	-													
PE   S5   B012   CLEAN ALL COLVER FREE OF GRINS AND   VO4   1968   60   SF   S   56   21   S5.00   5   300   5   56   56   57   5   56   57   5   56   57   5   50   5   50   5   50   5   50   5   5	-													
FE   65   80112   DIRT   VOL   3198   60   51   5   5   5   5   5   5   5   5														
PE   65   BIUL   AND AT BASE, REFINISH   VOL   AUU   AUU   AUU   SF   9   12   3   \$10,000   \$   -2,000   \$   5   F   F   105   BIUL   SEA ALL PIPE PREVENTATIONS   MAMMED   2012   200   5F   9   12   3   \$10,000   \$   -2,000   \$   4,375   \$   5   F   105   BIUL   SEA ALL PIPE PREVENTATIONS   MAMMED   2012   200   5F   9   12   3   \$10,000   \$   4,375   \$   5   F   5   5   5   5   5   5   5   5		55	BI012		Y04	1968	60	SF	5	56	-51	\$5.00	\$ 300	\$ 319
PE   65   B014   SAI ALI, PIPE PRETUTATIONS   MAMM16   2012   200   5F   9   12   3   \$10.00   \$2.00   \$   \$   \$   \$   \$   \$   \$   \$   \$		65	BI013		V04	2012	200	SE	9	12	-3	\$10.00	\$ 2.000	\$ 2,124
PE   105	-													
PE   120   81016   RUBBER BASE IS LOOS AT PERIMETER   \$20   2011   20   LF   20   13   7   \$10.00   \$   200   \$   \$   \$   \$   \$   \$   \$   \$   \$	-								,		7		, , , , , , , , , , , , , , , , , , , ,	
PE   1.0														
PE   121   801/1,801/1, REPLACE STAINED, BROKEN ACOUSTICAL   675   2011   40   LF   20   13   7   515.00   \$ 6,000   \$		120	BI016		520	2011	20	LF	20	13	7	\$10.00	\$ 200	\$ 212
PF   150-UPPER   BI013			BI017 BI0174											
PE   150-UPPER   BI018   ACOUSTICAL CELING REPLACEMENT   525   2013   725   SF   35   11   24   \$7.00   \$ 5.007		121			675	2011	40	LF	20	13	7	\$150.00	\$ 6,000	\$ 6,371
PE   150-UPPER		450 110050			525	2042	725		25			67.00	Ć 5.075	\$ 5,389
PE   150-LOWER (NORTH STAIRWELL)   BI020, BI020A, BI											-36			
PE 150-LUWER(WORTH SYNRWELL)											-50			
PE   153   BI022, BI022A   REPAIR DAMAGED WALL FROM MOISTURE   520   1968   35   SF   20   56   36   \$1,500.0   \$   \$52,500   \$   \$   \$   \$   \$   \$   \$   \$   \$		150-LOWER (NORTH STAIRWELL)	BI020, BI020A		525	1968	2		20	56	-36			\$ 3,186
PE   153		151	BI021	COURT DOOR DAMAGED-REPAIR	520	1968	1	EA	20	56	-36	\$2,000.00	\$ 2,000	\$ 2,124
PE   160		153	BI022, BI022A	REPAIR DAMAGED WALL FROM MOISTURE	520	1968	35	SF	20	56	-36	\$1,500.00	\$ 52,500	\$ 55,749
PE   160		152	PIO22	CELLING DI ACTER DAMAGE	E20	1060	20	CE.	20	EC	26	¢1 E00 00	\$ 20,000	\$ 31,857
PE   160														
PE   161	l						_							
PE   162   BI027   DOOR HARDWARE REPAIR   W06   1968   1   EA   30   56   26   \$1,500.00 \$   1,500 \$   5											-36		1	
PE   162											-2			
PE   163											-26			
PE   165   BI030   REPAIR WALLAT BLANK OFF COVER AT   525   2002   1   EA   15   22   -7   \$350.00   \$   350   \$   \$   \$   \$   \$   \$   \$   \$   \$	<del>                                     </del>													
REPAIR WALL AT BLANK OF COVER AT		163	BI029		525	1968	10	LF	15	56	-41	\$800.00	\$ 8,000	\$ 8,495
CARD SWIPE   CAR		165	BI030	REPAIR WALL AT BLANK OFF COVER AT	525	2002	1	FΔ	15	22	-7	\$350.00	\$ 350	\$ 372
PE   165   BI032   TILE WALL CRACKED IN TOILET AREA   525   2002   1   EA   20   22   -2   \$250.00 \$   250   \$   \$   \$   \$   \$   \$   \$   \$   \$	<u> </u>						_						1	
PE 200A BI033 ACOUSTICAL CEILING PANELS SAGGING, 315 2011 20 SF 20 13 7 \$15.00 \$ 300 \$ DAMAGED  INSTALL AT CATWALK SYSTEM ABOVE THE POOL CEILING FOR BETTER / SAFER ACCESS 520 1968 1 LS 40 56 -16 \$75,000.00 \$ 75,000 \$ PE 300 BI034 POOL CEILING HIGH FIXTURES  PE 300 BI035 POOL CEILING HIGH FIXTURES  PO 300 BI035 POOL CEILING GRADE 520 1968 10,640 SF 35 56 -21 \$25.00 \$ 266,000 \$	-						_				-2			
PE 200A BI033 ACOUSTICAL CEILING PANELS SAGGING, 315 2011 20 SF 20 13 7 \$15.00 \$ 300 \$  DAMAGED  INSTALL AT CATWALK SYSTEM ABOVE THE  PE 300 BI034 POOL CEILING FOR BETTER / SAFER ACCESS 520 1968 1 LS 40 56 -16 \$75,000.00 \$ 75,000 \$  TO MAINTAIN LIGHT FIXTURES  PE 300 BI035 POOL CEILING FOR BETTER / SAFER ACCESS 520 1968 10,640 SF 35 56 -21 \$25.00 \$ 266,000 \$		105	BIU32		525	2002	1	EA	20	22		\$250.00	Ş 250	\$ 265
DAMAGED		200A	BI033		315	2011	20	SF	20	13	7	\$15,00	\$ 300	\$ 319
PE 300 BI034 POOL CELING FOR BETTER / SAFER ACCESS 520 1968 1 LS 40 56 -16 \$75,000.00 \$ 75,000 \$  TO MAINTAIN LIGHT FIXTURES  PE 300 BI035 POOL CELING UPGRADE 520 1968 10,640 SF 35 56 -21 \$25.00 \$ 266,000 \$	<u></u>			DAMAGED										
TO MAINTAIN LIGHT FIXTURES  PE 300 BI035 POOL CEILING UPGRADE 520 1968 10,640 SF 35 56 -21 \$25.00 \$ 266,000 \$														l
PE 300 BI035 POOL CEILING UPGRADE 520 1968 10,640 SF 35 56 21 \$25.00 \$ 266,000 \$		300	BI034		520	1968	1	LS	40	56	-16	\$75,000.00	\$ 75,000	\$ 79,642
	-	200	DIO25		520	4000	10.640	C.F.	25	F.C.	24	ć2F 00	, acc 000	ć 202.4C2
MAIN LORRY CFILING AND LIGHTING				POOL CEILING UPGRADE  MAIN LOBBY CEILING AND LIGHTING										
PE 1000 BI036 WAIN COBST CELING AND LIGHTING W05 1968 2,500 SF 35 56 21 \$25.00 \$ 62,500 \$		1000	BI036		W05	1968	2,500	SF	35	56	-21	\$25.00	\$ 62,500	\$ 66,368

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
		ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC		NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
PE PE		BI037 BI038	STAIR HANDRAIL IMPROVEMENTS DOOR REPLACEMENTS	W05 W05	1968	60 24	LF.	20	56 56	-36	\$225.00 \$2.500.00	\$ 13,500 \$ 60,000	
			REPLACE SAGGING, BROKEN AC CEILING		1968	24	EA	50		-6	\$2,500.00		
PE	1002	BI039	PANELS	W06	2002	3,600	SF	20	22	-2	\$8.00	\$ 28,800	\$ 30,582
PE	1002	BI040	MISSING CEILING DEVICES	W06	2022	4	EA	20	2	18	\$250.00	\$ 1.000	\$ 1,062
PE		BI041	FIX OUTLET ABOVE DISPLAY CASE	W06	1968	1	LS	20	56	-36	\$250.00	\$ 250	\$ 265
PE		BI042	RAQUETBALL STAIR IMPROVEMENTS	W07	1968	1	LS	25	56	-31	\$5,000.00	\$ 5,000	
PE	VEST-E	BI043	ENTRANCE MAT REPLACEMENT	W07	2011	420	SF	15	13	2	\$15.00	\$ 6,300	
			PLUMBING SYSTEMS (May be packaged with	BI item scope, DCM C	onsulting for conceptual	construction c	ost estimating wit	th quotations fro	m 3rd Party Sources)				\$ 100,614
PE	2	PS001	REPLACE PLASTIC PIPING ON POOL	520	2004	1	LF	25	20	5	\$3,000.00	\$ 3,000	\$ 3,186
PE	2	PS002	FILTRATION SYSTEM DOMESTIC WATER PIPE	Y04	1968	150	LF	50	56	-6	\$75.00	\$ 11,250	\$ 11,946
			REPLACE PLASTIC PIPING ON POOL										
PE	2A I	PS003	FILTRATION SYSTEM	520	2004	1	LF	25	20	5	\$3,000.00	\$ 3,000	\$ 3,186
PE	40	PS004	GANG TOILET ROOM FIXTURE UPGRADES	X03	1968	17	EA	40	56	-16	\$2,500.00	\$ 42,500	\$ 45,130
PE	50	PS005	GANG TOILET ROOM FIXTURE UPGRADES	X03	1968	14	EA	40	56	-16	\$2,500.00	\$ 35,000	\$ 37,166
	<u>,                                      </u>		MECHANICAL SYSTEMS (May be packaged w			tual constructio			from 3rd Party Sources)				\$ 257,773
PE		MS001	RETURN AIR FAN RAF-1	UUU25	1968	1	EA	25	56	-31	\$6,500.00	\$ 6,500	\$ 6,902
PE		MS002	EXHAUST FAN EF-3	UUU25	1968	1	EA	25	56 56	-31 -31	\$6,500.00	\$ 6,500 \$ 6.500	\$ 6,902 \$ 6,902
PE	85 N	MS003	EXHAUST FAN EF-4 REPLACE AIR HANDLING UNIT, AH-9	UUU25	1968	1	EA	25	56	-31	\$6,500.00	\$ 6,500	\$ 6,902
PE	90	MS004	CONVERTING FROM DX COOLING TO CHILLED WATER	UUU25	2000	1	EA	40	24	16	\$120,000.00	\$ 120,000	\$ 127,427
PE	300 N	MS005	SUPPLY AND RETURN AIR GRILLES IN NATATORIUM	520	1968	150	SF	25	56	-31	\$15.00	\$ 2,250	\$ 2,389
PE		MS006	ROOF MOUNTED HOODS	UUU25	1968	14	EA	20	56	-36	\$3,500.00	\$ 49,000	
PE	ENTIRE BUILDING N	MS007	HVAC SYSTEMS CLEANING	UUU25	2001	80,000	SF	10	23	-13	\$0.65	\$ 52,000	\$ 55,218
			ELECTRICAL SYSTEMS (May be packaged with	n BI item scope. DCM	Consulting for conceptua	al construction	cost estimating w	ith quotations fr	om 3rd Party Sources)				\$ 350,710
PE	15 ES00	01, ES001A	REPLACE STORAGE AND UTILITY ROOM LIGHTING REPLACE STORAGE AND UTILITY ROOM	780	1968	3	EA	20	56	-36	\$250.00	\$ 750	\$ 796
PE		ES002	LIGHTING REPLACE TOILET ROOM FLUORESCENT	X01	1968	2	EA	20	56	-36	\$250.00	\$ 500	\$ 531
PE		ES003	LIGHTING REPLACE TOILET ROOM FLUORESCENT	X03	1968	9	EA	20	56	-36	\$250.00		\$ 2,389
PE	50	ES004	LIGHTING	X03	1968	9	EA	20	56	-36	\$250.00	\$ 2,250	\$ 2,389
PE	55	ES005	UPDATE MAIN SWITCHBOARD	Y04	2012	1	EA	20	12	8	\$10,000.00	\$ 10,000	\$ 10,619
PE	55 I	ES006	REPLACE LIFE SAFETY AUTOMATIC TRANSFER SWITCH (ATS-E)	Y04	2008	1	EA	20	16	4	\$10,000.00	\$ 10,000	\$ 10,619
PE		ES007	UPDATE STANDBY POWER SYSTEMS AUTOMATIC TRANSFER SWITCH (ATS-NE)	Y04	2008	1	EA	20	16	4	\$10,000.00	\$ 10,000	\$ 10,619
PE	55 I	ES008	ADD VARIABLE FREQUENCY DRIVE (VFD)	Y04	2012	6	EA	20	12	8	\$5,000.00	\$ 30,000	\$ 31,857
PE	55	ES009	REPLACE ELECTRICAL ROOM FLUORESCENT LIGHTING	Y04	1968	6	EA	20	56	-36	\$250.00	\$ 1,500	\$ 1,593
PE	55	ES010	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MTD IN CORRIDOR WALLS	Y04	1968	4	EA	20	56	-36	\$5,000.00	\$ 20,000	\$ 21,238
PE		ES011	REPLACE MECH. RM. FLUOR. LIGHTING	Y04	2012	5	EA	20	12	8	\$250.00	\$ 1,250	\$ 1,327
PE		ES012	GYMNASIUM HIGH BAY FLUOR. LIGHTING	520	2022	50	EA	20	2	18	\$250.00	\$ 12,500	\$ 13,274
PE	110 E:	13, ES013A, ES013B, ES013C, ES014D	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MOUNTED IN CORRIDOR WALLS	520	1968	3	EA	20	56	-36	\$5,000.00	\$ 15,000	\$ 15,928
PE	113	ES014	REPLACE STORAGE AND UTILITY ROOM LIGHTING	X01	1968	2	EA	20	56	-36	\$250.00	\$ 500	\$ 531
PE	114	ES015	REPLACE STORAGE AND UTILITY ROOM LIGHTING	525	1968	2	EA	20	56	-36	\$250.00	\$ 500	\$ 531
PE	140	ES016	REPLACE DANCE AEROBICS AREA FLUORESCENT LIGHTING	520	2011	6	EA	20	13	7	\$250.00	\$ 1,500	\$ 1,593
PE	151	ES017	REPLACE RACQUETBALL COURT HID LIGHTING	520	1968	12	EA	20	56	-36	\$250.00	\$ 3,000	\$ 3,186
PE	152	ES018	REPLACE RACQUETBALL COURT HID LIGHTING	520	1968	12	EA	20	56	-36	\$250.00	\$ 3,000	\$ 3,186

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
PE	153	ES019	REPLACE RACQUETBALL COURT HID LIGHTING	520	1968	12	EA	20	56	-36	\$250.00	\$ 3,000	\$ 3,186
PE	154	ES020	REPLACE RACQUETBALL COURT HID LIGHTING	520	1968	12	EA	20	56	-36	\$250.00	\$ 3,000	\$ 3,186
PE	155	ES021	REPLACE RACQUETBALL COURT HID LIGHTING	520	1968	12	EA	20	56	-36	\$250.00	\$ 3,000	\$ 3,186
PE	156	ES022	REPLACE RACQUETBALL COURT HID LIGHTING	520	1968	12	EA	20	56	-36	\$250.00	\$ 3,000	\$ 3,186
PE	160	ES023	REPLACE TEAM ROOM FLUORESCENT LIGHTING	525	1968	2	EA	20	56	-36	\$250.00	\$ 500	\$ 531
PE	161	ES024	REPLACE TEAM ROOM FLUOR LIGHTING	525	1968	2	EA	20	56	-36	\$250.00	\$ 500	\$ 531
PE	162	ES025, ES025A	REPLACE TEAM ROOM FLUOR LIGHTING	525	1968	2	EA	20	56	-36	\$250.00	\$ 500	\$ 531
PE	163	ES026	REPLACE TRAINER'S ROOM FLUORESENT LIGHTING	525	1968	2	EA	20	56	-36	\$250.00	\$ 500	\$ 531
PE	164	ES027	REPLACE TEAM ROOM FLUOR LIGHTING	525	1968	3	EA	20	56	-36	\$250.00		
PE	165	ES028	REPLACE LOCKER ROOM LIGHTING	525	1968	2	EA	20	56	-36	\$250.00		
PE	170	ES029	REPLACE LOCKER ROOM LIGHTING	525	1968	4	EA	20	56	-36	\$2,505.00	\$ 10,020	\$ 10,640
PE	173	ES030	REPLACE LOCKER ROOM FLUORESCENT LIGHTING	525	1968	43	EA	20	56	-36	\$250.00	\$ 10,750	\$ 11,415
PE	190	ES031	REPLACE LOCKER ROOM FLUORESCENT LIGHTING	525	1968	43	EA	20	56	-36	\$250.00	\$ 10,750	\$ 11,415
PE	210	ES032	REPLACE DANCE AREA FLUORESCENT LIGHTING	520	2022	48	EA	20	2	18	\$250.00		
PE	300	ES033	REPLACE POOL AREA LIGHTING	520	2018	43	EA	20	6	14	\$250.00		
PE PE	1001	ES034	CORRIDOR LIGHTING	W06	2008	5	EA	20	16	4	\$250.00		
PE	1002	ES035	CORRIDOR LIGHTING	W06	2008	10	EA	20	16	4	\$250.00	\$ 2,500	\$ 2,655
PE	PE150 - LOWER	ES036	REPLACE RACQUETBALL CORRIDOR LIGHTING	525	2009	6	EA	20	15	5	\$250.00	\$ 1,500	\$ 1,593
PE	1000	ES037	REPLACE LOBBY SURFACE MOUNTED DOWN LIGHTING REPLACE POOL 1ST FLOOR MEN'S LOCKER	W05	1968	26	EA	20	56	-36	\$250.00	\$ 6,500	\$ 6,902
PE	POOL BASEMENT	ES038, ES038A	ROOM AND FAMILY CHANGING ROOM LIGHTING	Y04	2008	20	EA	20	16	4	\$250.00	\$ 5,000	\$ 5,309
PE	1002	ES039	REPLACE MAIN FLUORESCENT CORRIDOR LIGHTING	W06	2009	19	EA	20	15	5	\$250.00	\$ 4,750	\$ 5,044
PE	INTERIOR-BUILDING WIDE	ES040	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS	UUU04	1968	12	EA	20	56	-36	\$5,000.00		
PE	INTERIOR-BUILDING WIDE	ES041	EXIT LIGHTING REPLACEMENT	UUU25	2008	45	EA	20	16	4	\$250.00		
PE	EXTERIOR	ES042	SERVICE TRANSFORMER REPLACEMENT	UUU04	2012	1	EA	20	12	8	\$15,000.00		
PE	EXTERIOR	ES043	STANDBY GENERATOR REPLACEMENT	UUU04	2008	1	EA	20	16	4	\$25,000.00	\$ 25,000	\$ 26,547
PE	EXTERIOR	ES044, ES044A	REPLACE EXTERIOR BUILDING LIGHTING	UUU10	2008	8	EA	20	16	4	\$250.00	\$ 2,000	\$ 2,124
PE	EXTERIOR	ES045, ES045A	REPLACE EXTERIOR SOFFIT LIGHTING	UUU10	2008	6	EA	20	16	4	\$250.00	\$ 1,500	\$ 1,593 \$ 230.961
		1	BUILDING SYSTEMS (Fire, security, IT/media in	mastructure. DCIVI	Consulting for conceptua	l construction of	ost estimating Wi	un quotations fro					
PE	2	BS001	MAINTENANCE POOL BASEMENT CONDUITS	UUU05	1968	1	LS	20	56	-36	\$10,000.00	\$ 10,000	\$ 10,619
PE	2A	BS002	MAINTENANCE POOL BASEMENT CONDUITS	UUU05	1968	1	LS	20	56	-36	\$10,000.00	\$ 10,000	\$ 10,619
PE	2В	BS003	MAINTENANCE POOL BASEMENT CONDUITS	UUU05	1968	1	LS	20	56	-36	\$10,000.00	\$ 10,000	\$ 10,619
PE	10	BS004	REPAIR INCOMING FIBER COMMUNICATION RACEWAY	UUU02	2009	1	LS	20	15	5	\$20,000.00		
PE	55	BS005	BOILER ROOM EPO SYSTEM	Y04	2012	1	LS	20	12	8	\$7,500.00	\$ 7,500	\$ 7,964
PE	110	BS006	REPLACE GYMNASIUM LIGHTING CONTROLS	520	1968	1	LS	20	56	-36	\$75,000.00		\$ 79,642
PE	INTERIOR-BUILDING WIDE	BS007	PRIMAX CLOCK SYSTEM UPGRADE	UUU25	1968	1	EA	20	56	-36	\$85,000.00	\$ 85,000	\$ 90,260
			SPECIALTY EQUIPMENT (Food service, theatre	, labs, shops. DCM (	Consulting for conceptua	I construction co	ost estimating wit	th quotations fro	m 3rd Party Sources)		40.00		\$ -
PE										0	\$0.00	- 5	\$ -

LOC	ROOM/ AREA NO.	ITEM NO.	ITEM: ACCESSIBILITY IMPROVEMENTS (Building co	FICM CODE	YEAR ITEM WAS PUT INTO SERVICE (ITALIC = ESTIMATED)		ITEM UNITS	AVG EUL (YRS)	TIME IN USE (YRS)	RUL (YRS)	ITEM UNIT COST	ITEM FIRST COST	SCHEDULED MAINTENANCE PLAN YEAR 2 2025 \$ 1,316,741
PE	1000	Al001	IMPROVE BARRIER-FREE ACCESS TO PE LEVELS AT WEST END OF BUILDING (I.E. WHEELCHAIR LIFTS)	W05	1968	1	LS	20	56	-36	\$310,000.00	\$ 310,000	\$ 329,185
PE	2000	AI002	IMPROVE BARRIER-FREE ACCESS TO PE LEVELS AT WEST END OF BUILDING (I.E. WHEELCHAIR LIFTS)	W06	1968	1	LS	20	56	-36	\$310,000.00	\$ 310,000	\$ 329,185
PE	3000	AI003	IMPROVE BARRIER-FREE ACCESS TO PE LEVELS AT WEST END OF BUILDING (I.E. WHEELCHAIR LIFTS)	W06	1968	1	LS	20	56	-36	\$310,000.00	\$ 310,000	\$ 329,185
PE	3001	AI004	IMPROVE BARRIER-FREE ACCESS TO PE LEVELS AT WEST END OF BUILDING (I.E. WHEELCHAIR LIFTS)	W06	1968	1	LS	20	56	-36	\$310,000.00	\$ 310,000	\$ 329,185
									ANNUAL FUNDING	REQUIREMEN	TS (ROUNDED):		\$ 8,743,039



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

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
SB	EXTERIOR-ROOF	BE020	VARIFY ALL DRAINS TO BE OPEN FOR PIPE SIZE, AND CLEAN ALL DEBRIS OUT, CLEAN ROOF	UUU16	1995	400	SF	5	29	-24	\$3.00	\$ 1,200	\$ 1,274
			BUILDING INTERIOR (DCM Consulting for conc					i)					\$ 32,494
SB	40	BI001	CAULK ALL TOILET FIXTURES	725	1969	3	EA	5	55	-50	\$1,000.00	\$ 3,000	\$ 3,186
SB	85	BI002	WATER CLOSET IS FALLING OFF WALL. NEEDS TO BE RE-SET AND CAULKED.	X03	1969	1	EA	5	55	-50	\$1,000.00	\$ 1,000	\$ 1,062
SB	90	BI003	CAULK WATER CLOSET TO WALL	X03	1969	1	EA	5	55	-50	\$1,000.00	\$ 1,000	\$ 1,062
SB	120	BI004, BI004	REDAIR CRACK IN CMIT AROVE AND RELOW	720	1969	1	EA	10	55	-45	\$1,500.00	\$ 1,500	\$ 1,593
SB	230	BI005	REPAIR / REPLACE ALL CHIPPED AND	730	2009	300	SF	20	15	5	\$7.00	\$ 2,100	\$ 2,230
SB	400	BI006	BROKEN CEILING PANELS REPAIR LEAK IN ROOF NEAR THIS BUCKET	660	2011	1	EA	20	13	7	\$50.00	\$ 50	
SB	401	BI007	CARPET IS WORN AND IS NEAR REPLACING	W06	2011	400	SF	20	13	7	\$7.00	\$ 2,800	\$ 2,973
SB	401	B1008	CEILING PANEL NEEDS TO LAY IN GRID	W06	2011	1	EA	20	13	7	\$0.50	\$ 1	\$ 1
SB	507	BI009	REPLACE ALL STAINED AND CHIPPED	350	2002	300	SF	20	22	-2	\$7.00	\$ 2,100	\$ 2,230
			ACOUSTICAL CEILING PANELS REPAIR / REPLACE ALL CHIPPED AND										
SB	510	BI010	BROKEN CEILING PANELS	310	2004	1,000	SF	20	20	0	\$7.00	\$ 7,000	\$ 7,433
SB	512	BI011	REPLACE BROKEN CARPET REDUCER STRIP	310	2012	1	EA	20	12	8	\$250.00	\$ 250	\$ 265
SB	512	BI012	REPLACE ALL STAINED AND CHIPPED ACOUSTICAL CEILING PANELS	310	2012	400	SF	20	12	8	\$7.00	\$ 2,800	\$ 2,973
SB	515	BI013	REPLACE ALL CHIPPED AND BROKEN ACOUSTICAL CEILING PANELS	310	2004	300	SF	20	20	0	\$7.00	\$ 2,100	\$ 2,230
SB	516	BI014	REPLACE ALL STAINED ACOUSTICAL CEILING PANELS	310	2004	400	SF	20	20	0	\$7.00	\$ 2,800	\$ 2,973
SB	523	BI015	REPLACE ALL CHIPPED AND BROKEN ACOUSTICAL CEILING PANELS	315	2004	300	SF	20	20	0	\$7.00	\$ 2,100	\$ 2,230
CD			PLUMBING SYSTEMS (May be packaged with I	BI item scope, DCM	Consulting for conceptu	al construction	cost estimating	with quotations	from 3rd Party Sources)		\$0.00	ć	\$ -
SB			PLUMBING SYSTEMS (May be packaged with E							0	\$0.00	\$ -	\$ - \$ - \$ 256,977
	60	M5001		h BI item scope. Do	CM Consulting for conce	ptual construct	tion cost estimation	ng with quotatio	ns from 3rd Party Sources)				\$ 256,977
SB	60	MS001	PLUMBING SYSTEMS (May be packaged with it  MECHANICAL SYSTEMS (May be packaged wit  HEATING HOT WATER CIRCULATING PUMP  MAINTENANCE/REPLACEMENTS	h BI item scope. Do	CM Consulting for conce	ptual construct 2	tion cost estimation	n <mark>g with quotatio</mark> 20	ns from 3rd Party Sources)	5	\$30,000.00	\$ 60,000	\$ 256,977 \$ 63,713
SB SB	60	MS002	PLUMBING SYSTEMS (May be packaged with I  MECHANICAL SYSTEMS (May be packaged with HEATING HOT WATER CIRCULATING PUMP MAINTENANCE/REPLACEMENTS BOILER REPLACEMENTS	h BI item scope. Do	CM Consulting for conce 2009 2009	ptual construct 2 3	tion cost estimation EA EA	ng with quotatio 20 25	ns from 3rd Party Sources)  15  15	5	\$30,000.00	\$ 60,000 \$ 150,000	\$ 256,977 \$ 63,713 \$ 159,283
SB SB SB	60 EXTERIOR-ROOF	MS002 MS003	PLUMBING SYSTEMS (May be packaged with I  MECHANICAL SYSTEMS (May be packaged wit  HEATING HOT WATER CIRCULATING PUMP  MAINTENANCE/REPLACEMENTS  BOILER REPLACEMENTS  PAINT SHOP MAKEUP AIR UNIT	h BI item scope. Do Y04 Y04 MMM16	2009 2009 2009 2009	ptual construct 2 3 1	EA EA	20 25 20	ns from 3rd Party Sources)  15  15  15	5	\$30,000.00 \$50,000.00 \$250.00	\$ 60,000 \$ 150,000 \$ 250	\$ 256,977 \$ 63,713 \$ 159,283 \$ 265
SB SB SB SB	60 EXTERIOR-ROOF ENTIRE BUILDING	MS002 MS003 MS004	PLUMBING SYSTEMS (May be packaged with I MECHANICAL SYSTEMS (May be packaged with HEATING HOT WATER CIRCULATING PUMP MAINTENANCE/REPLACEMENTS BOILER REPLACEMENTS PAINT SHOP MAKEUP AIR UNIT HVAC SYSTEMS CLEANING	Y04 Y04 Y04 MMM16 MMM16	2009 2009 2009 2009 2009 2009	ptual construct 2 3	EA EA EA EA SF	20 25 20 10	15 15 15 15 15	5 10 5	\$30,000.00 \$50,000.00 \$250.00 \$3.00	\$ 60,000 \$ 150,000 \$ 250 \$ 30,000	\$ 256,977 \$ 63,713 \$ 159,283 \$ 265 \$ 31,857
SB SB SB	60 EXTERIOR-ROOF	MS002 MS003	PLUMBING SYSTEMS (May be packaged with I  MECHANICAL SYSTEMS (May be packaged wit  HEATING HOT WATER CIRCULATING PUMP  MAINTENANCE/REPLACEMENTS  BOILER REPLACEMENTS  PAINT SHOP MAKEUP AIR UNIT	h BI item scope. Do Y04 Y04 MMM16	2009 2009 2009 2009	ptual construct 2 3 1	EA EA	20 25 20	ns from 3rd Party Sources)  15  15  15	5	\$30,000.00 \$50,000.00 \$250.00	\$ 60,000 \$ 150,000 \$ 250 \$ 30,000	\$ 256,977 \$ 63,713 \$ 159,283 \$ 265
SB SB SB SB	60 EXTERIOR-ROOF ENTIRE BUILDING	MS002 MS003 MS004	PLUMBING SYSTEMS (May be packaged with I  MECHANICAL SYSTEMS (May be packaged with HEATING HOT WATER CIRCULATING PUMP MAINTENANCE/REPLACEMENTS BOILER REPLACEMENTS PAINT SHOP MAKEUP AIR UNIT HVAC SYSTEMS CLEANING PAINT SHOP EXHAUST FAN AIR-COOLED CHILLER AND DAMAGE INSULLATION ON ROOF MOUNTED CHILLED WATER PIPING	Y04 Y04 Y04 MMM16 MMM16 720  MMM16	M Consulting for conce 2009 2009 2009 2009 2009 2009 2009	2 3 1 10,000 1	EA EA EA SF EA EA	20 25 20 10 20 20	15 15 15 15 15 15 15 15 15 15 15 15 15 1	5 10 5	\$30,000.00 \$50,000.00 \$250.00 \$3.00	\$ 60,000 \$ 150,000 \$ 250 \$ 30,000 \$ 250	\$ 256,977 \$ 63,713 \$ 159,283 \$ 265 \$ 31,857 \$ 265 \$ 1,593
SB SB SB SB SB	60 EXTERIOR-ROOF ENTIRE BUILDING EXTERIOR-ROOF	MS002 MS003 MS004 MS005	PLUMBING SYSTEMS (May be packaged with IMECHANICAL SYSTEMS (May be packaged with HEATING HOT WATER CIRCULATING PUMP MAINTENANCE/REPLACEMENTS  BOILER REPLACEMENTS PAINT SHOP MAKEUP AIR UNIT HVAC SYSTEMS CLEANING PAINT SHOP EXHAUST FAN AIR-COVILED CHILLER AND DAMAGE INSULLATION ON ROOF MOUNTED CHILLED WATER PIPING ELECTRICAL SYSTEMS (May be packaged with	Y04 Y04 Y04 MMM16 MMM16 720  MMM16	M Consulting for conce 2009 2009 2009 2009 2009 2009 2009	2 3 1 10,000 1	EA EA EA SF EA EA	20 25 20 10 20 20	15 15 15 15 15 15 15 15 15 15 15 15 15 1	5 10 5 -5	\$30,000.00 \$50,000.00 \$250.00 \$3.00 \$250.00	\$ 60,000 \$ 150,000 \$ 250 \$ 30,000 \$ 250	\$ 256,977 \$ 63,713 \$ 159,283 \$ 265 \$ 31,857 \$ 265
SB SB SB SB SB SB SB SB	60 EXTERIOR-ROOF ENTIRE BUILDING EXTERIOR-ROOF	MS002 MS003 MS004 MS005	PLUMBING SYSTEMS (May be packaged with I MECHANICAL SYSTEMS (May be packaged with HEATING HOT WATER CIRCULATING PUMP MAINTENANCE/REPLACEMENTS BOILER REPLACEMENTS BOILER REPLACEMENTS PAINT SHOP MAKEUP AIR UNIT HVAC SYSTEMS CLEANING PAINT SHOP EXHAUST FAN AIR-COOLED CHILLER AND DAMAGE INSULLATION ON ROOF MOUNTED CHILLED WATER PIPING ELECTRICAL SYSTEMS (May be packaged with REPLACE MECH ROOM INCANDESCENT LIGHTING	Y04 Y04 Y04 MMM16 MMM16 720  MMM16	M Consulting for conce 2009 2009 2009 2009 2009 2009 2009	2 3 1 10,000 1	EA EA EA SF EA EA	20 25 20 10 20 20	15 15 15 15 15 15 15 15 55 15 55	5 10 5 -5	\$30,000.00 \$50,000.00 \$250.00 \$3.00 \$250.00	\$ 60,000 \$ 150,000 \$ 250 \$ 30,000 \$ 250	\$ 256,977 \$ 63,713 \$ 159,283 \$ 265 \$ 31,857 \$ 265 \$ 1,593
SB SB SB SB SB SB SB SB	60 EXTERIOR-ROOF ENTIRE BUILDING EXTERIOR-ROOF EXTERIOR-ROOF	MS002 MS003 MS004 MS005	PLUMBING SYSTEMS (May be packaged with I MECHANICAL SYSTEMS (May be packaged with HEATING HOT WATER CIRCULATING PUMP MAINTENANCE/REPLACEMENTS  BOILER REPLACEMENTS PAINT SHOP MAKEUP AIR UNIT HVAC SYSTEMS CLEANING PAINT SHOP EXHAUST FAN AIR-COOLED CHILLER AND DAMAGE INSULLATION ON ROOF MOUNTED CHILLED WATER PIPING ELECTRICAL SYSTEMS (May be packaged with REPLACE MECH ROOM INCANDESCENT LIGHTING REPLACE CUSTODIAL INCANDESCENT	Y04 Y04 Y04 MMM16 MMM16 720 MMM16	M Consulting for conce 2009 2009 2009 2009 2009 2009 4009 Consulting for concept	2 3 1 1 10,000 1 1 ual construction	EA EA SF EA EA EA COST EA	20 25 20 10 20 20 20 with quotations	15 15 15 15 15 15 15 15 15 15 15 15 15 1	5 10 5 -5 5	\$30,000.00 \$50,000.00 \$250.00 \$3.00 \$250.00 \$1,500.00	\$ 60,000 \$ 150,000 \$ 250 \$ 30,000 \$ 250 \$ 1,500	\$ 256,977 \$ 63,713 \$ 159,283 \$ 265 \$ 31,857 \$ 265 \$ 1,593 \$ 413,340
SB SB SB SB SB SB SB SB	60 EXTERIOR-ROOF ENTIRE BUILDING EXTERIOR-ROOF EXTERIOR-ROOF	MS002 MS003 MS004 MS005 MS006	PLUMBING SYSTEMS (May be packaged with I MECHANICAL SYSTEMS (May be packaged with HEATING HOT WATER CIRCULATING PUMP MAINTENANCE/REPLACEMENTS BOILER REPLACEMENTS BOILER REPLACEMENTS PAINT SHOP MAKEUP AIR UNIT HVAC SYSTEMS CLEANING PAINT SHOP EXHAUST FAN AIR-COOLED CHILLER AND DAMAGE INSULLATION ON ROOF MOUNTED CHILLED WATER PIPING ELECTRICAL SYSTEMS (May be packaged with REPLACE MECH ROOM INCANDESCENT LIGHTING	h BI item scope. Di Y04 Y04 MMM16 MMM16 720 MMM16 BI item scope. DCN Y04	M Consulting for conce 2009 2009 2009 2009 2009 2009 2009 1009 1	2 3 1 10,000 1 1 ual construction 4	EA EA SF EA	g with quotatio 20 25 20 10 20 20 with quotations	15 15 15 15 15 15 15 15 55 15 55	5 10 5 -5 5 5	\$30,000.00 \$50,000.00 \$250.00 \$3.00 \$250.00 \$1,500.00	\$ 60,000 \$ 150,000 \$ 250 \$ 30,000 \$ 250 \$ 1,500 \$ 1,000	\$ 256,977 \$ 63,713 \$ 159,283 \$ 265 \$ 31,857 \$ 265 \$ 1,593 \$ 1,062
SB	60 EXTERIOR-ROOF ENTIRE BUILDING EXTERIOR-ROOF EXTERIOR-ROOF  10 20	MS002 MS003 MS004 MS005 MS006	PLUMBING SYSTEMS (May be packaged with I MECHANICAL SYSTEMS (May be packaged with HEATING HOT WATER CIRCULATING PUMP MAINTENANCE/REPLACEMENTS  BOILER REPLACEMENTS  PAINT SHOP MAKEUP AIR UNIT  HVAC SYSTEMS CLEANING  PAINT SHOP EXHAUST FAN  AIR-COOLED CHILLER AND DAMAGE  INSULATION ON ROOF MOUNTED CHILLED WATER PIPING  ELECTRICAL SYSTEMS (May be packaged with I REPLACE MECH ROOM INCANDESCENT  LIGHTING  REPLACE CUSTODIAL INCANDESCENT  LIGHTING	h BI item scope. Di Y04 Y04 Y04 MMM16 720 MMM16 BI item scope. DCh Y04	M Consulting for conce 2009 2009 2009 2009 2009 2009 2009 1009 1	2 3 1 10,000 1 1 ual construction 4	EA E	20 25 20 10 20 20 20 20 20 20 20 with quotations 20 20	15 15 15 15 15 15 15 5 from 3rd Party Sources)	5 10 5 -5 5 5	\$30,000.00 \$50,000.00 \$250.00 \$3.00 \$1,500.00 \$250.00 \$250.00	\$ 60,000 \$ 150,000 \$ 250 \$ 30,000 \$ 250 \$ 1,500 \$ 1,000 \$ 250	\$ 256,977 \$ 63,713 \$ 159,283 \$ 265 \$ 31,857 \$ 265 \$ 1,593 \$ 413,340 \$ 1,062 \$ 265
SB	60 EXTERIOR-ROOF ENTIRE BUILDING EXTERIOR-ROOF  EXTERIOR-ROOF  10 20 30 40	MS002 MS003 MS004 MS005 MS006 ES001 ES002 ES003 ES004	PLUMBING SYSTEMS (May be packaged with I MECHANICAL SYSTEMS (May be packaged with HEATING HOT WATER CIRCULATING PUMP MAINTENANCE/REPLACEMENTS BOILER REPLACEMENTS PAINT SHOP MAKEUP AIR UNIT HVAC SYSTEMS CLEANING PAINT SHOP EXHAUST FAN AIR-COOLED CHILLER AND DAMAGE INSULLATION ON ROOF MOUNTED CHILLED WATER PIPING REPLACE MECH ROOM INCANDESCENT LIGHTING REPLACE CUSTODIAL INCANDESCENT LIGHTING REPLACE LOCKER/TOILET ROOM LIGHTING REPLACE LOCKER/TOILET ROOM LIGHTING REPLACE LOCKER/TOILET ROOM LIGHTING	h BI item scope. Di Y04 Y04 Y04 MMM16 720 MMM16 BI item scope. DCN X01 725 725	M Consulting for conce 2009 2009 2009 2009 2009 2009 4 2009 2009	2   3   1   1   1   1   1   1   1   1   1	EA EA EA EA EA	20 25 20 20 20 20 20 20 20 20 20 20 20 20 20	15 15 15 15 15 15 15 15 15 20 20	5 10 5 -5 5 5 -35 -35	\$30,000.00 \$50,000.00 \$250.00 \$3.00 \$250.00 \$1,500.00 \$250.00 \$250.00 \$250.00 \$250.00	\$ 60,000 \$ 150,000 \$ 250 \$ 30,000 \$ 250 \$ 1,500 \$ 1,000 \$ 500 \$ 1,000 \$ 1,000	\$ 256,977 \$ 63,713 \$ 159,283 \$ 265 \$ 31,857 \$ 265 \$ 1,593 \$ 413,340 \$ 1,062 \$ 265 \$ 531 \$ 1,062 \$ 1,062
SB	60 EXTERIOR-ROOF ENTIRE BUILDING EXTERIOR-ROOF  EXTERIOR-ROOF  10 20 30 40 42 42	MS002 MS003 MS004 MS006 MS006 MS006 ES001 ES002 ES003 ES004 ES005	PLUMBING SYSTEMS (May be packaged with I MECHANICAL SYSTEMS (May be packaged with HEATING HOT WATER CIRCULATING PUMP MAINTENANCE/REPLACEMENTS  BOILER REPLACEMENTS  BOILER REPLACEMENTS  PAINT SHOP MAKEUP AIR UNIT  HVAC SYSTEMS CLEANING  PAINT SHOP EXHAUST FAN  AIR-COOLED CHILLER AND DAMAGE  INSULLATION ON ROOF MOUNTED CHILLED  WATER PIPING  ELECTRICAL SYSTEMS (May be packaged with)  REPLACE MECH ROOM INCANDESCENT  LIGHTING  REPLACE CUSTODIAL INCANDESCENT  LIGHTING  REPLACE LOCKER/TOILET ROOM LIGHTING  REPLACE LOCKER/TOILET ROOM LIGHTING  REPLACE LOCKER/TOILET ROOM LIGHTING  REPLACE LOCKER/TOILET ROOM LIGHTING	h BI item scope. Dr Y04 Y04 Y04 MMM16 720 MMM16 720 MMM16 BI item scope. DCh Y04 X01 725 725 725	M Consulting for conce 2009 2009 2009 2009 2009 2009 2009 3 Consulting for concept 1969 2004 2004 2004	2 3 1 1 10,000 1 1 2 4 1 2 4 4	EA EA EA EA EA EA EA EA	with quotations 20 25 20 10 20 20 20 20 20 20 20 20 20 20 20 20 20	15 15 15 15 15 15 15 15 20 20 20	5 10 5 -5 5 5 5 -35 0 0	\$30,000.00 \$50,000.00 \$250.00 \$3.00 \$250.00 \$1,500.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00	\$ 60,000 \$ 150,000 \$ 250 \$ 30,000 \$ 250 \$ 1,500 \$ 1,000 \$ 1,000 \$ 1,000	\$ 256,977 \$ 63,713 \$ 159,283 \$ 265 \$ 31,857 \$ 265 \$ 1,593 \$ 413,340 \$ 1,062 \$ 265 \$ 531 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062
SB	60 EXTERIOR-ROOF ENTIRE BUILDING EXTERIOR-ROOF  EXTERIOR-ROOF  10 20 30 40 42 43 50	MS002 MS003 MS004 MS005 MS006 MS006 ES001 ES002 ES003 ES004 ES005 ES006 ES007	PLUMBING SYSTEMS (May be packaged with I  MECHANICAL SYSTEMS (May be packaged with HAINING HOT WATER CIRCULATING PUMP MAINTENANCE/REPLACEMENTS BOILER REPLACEMENTS BOILER REPLACEMENTS BOILER REPLACEMENTS BOILER REPLACEMENTS PAINT SHOP MAKEUP AIR UNIT HAVA SYSTEMS CLEANING PAINT SHOP EXHAUST FAN AIR-COOLED CHILLER AND DAMAGE INSULLATION ON ROOF MOUNTED CHILLED WATER PIPING ELECTRICAL SYSTEMS (May be packaged with REPLACE MECH ROOM INCANDESCENT LIGHTING REPLACE CUSTEM INCANDESCENT LIGHTING REPLACE LOCKER/TOILET ROOM LIGHTING REPLACE LOCKER ROOM LIGHTING REPLACE LOCKER ROOM LIGHTING	h BI item scope. Di Y04  Y04  Y04  MMM16  MMM16  MMM16  MMM16  BI item scope. DCM  Y04  X01  725  725  725  X01	M Consulting for conce 2009 2009 2009 2009 2009 2009 2009 1 Consulting for concept 1969 2004 2004 2004 2004 2004 1969	otual construction  1	EA EA EA EA EA	20 20 20 20 20 20 20 20 20 20 20 20 20 2	15 15 15 15 15 15 15 15 26 from 3rd Party Sources) 55 20 20 20 20 20 55	-35 -35 0 0 0	\$30,000.00 \$50,000.00 \$250.00 \$3.00 \$250.00 \$1,500.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00	\$ 60,000 \$ 150,000 \$ 250 \$ 30,000 \$ 250 \$ 1,500 \$ 1,000 \$ 1,000 \$ 1,000 \$ 1,000 \$ 1,000	\$ 256,977 \$ 63,713 \$ 159,283 \$ 265 \$ 31,857 \$ 265 \$ 1,593 \$ 1,062 \$ 265 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062
SB	60 EXTERIOR-ROOF ENTIRE BUILDING EXTERIOR-ROOF  EXTERIOR-ROOF  10 20 30 40 42 43 50 60	MS002 MS003 MS003 MS006 MS006 MS006 ES001 ES002 ES003 ES004 ES005 ES006 ES007 ES008, ES008,	PLUMBING SYSTEMS (May be packaged with I  MECHANICAL SYSTEMS (May be packaged with I  MEATING HOT WATER CIRCULATING PUMP MAINTENANCE/REPLACEMENTS  BOILER REPLACEMENTS  BOILER REPLACEMENTS  BOILER REPLACEMENTS  PAINT SHOP MAKEUP AIR UNIT  HVAC SYSTEMS CLEANING  PAINT SHOP ENHAUST FAN  AIR-COOLED CHILLER AND DAMAGE INSULLATION ON ROOF MOUNTED CHILLED  WATER PIPING  ELECTRICAL SYSTEMS (May be packaged with  REPLACE MECH ROOM INCANDESCENT  LIGHTING  REPLACE CUSTODIAL INCANDESCENT  LIGHTING  REPLACE LOCKER/TOILET ROOM LIGHTING  REPLACE MOCKER/TOILET ROOM LIGHTING	h BI item scope. Di Y04  Y04  Y04  MMM16  MMM16  720  MMM16  BI item scope. DCh  Y04  X01  725  725  725  725  X01  Y04	M Consulting for concess   2009   2009   2009   2009   2009   2009   2009   2009   2009   2009   2009   2009   2009   2004   2004   2004   2004   2004   2004   2004   2006   1969   1969   1969   1969   1969   2009   2	otual construction  1	EA EA EA EA EA EA EA EA EA	with quotations 20 25 20 10 20 20 20 20 20 20 20 20 20 20 20 20 20	15 15 15 15 15 15 15 15 20 20 20 20 20 55	-35 -35 -35 -35 -35 -35	\$30,000.00 \$50,000.00 \$250.00 \$3.00 \$250.00 \$1,500.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00	\$ 60,000 \$ 150,000 \$ 250 \$ 30,000 \$ 250 \$ 1,500 \$ 1,000 \$ 1,000 \$ 1,000 \$ 1,500 \$ 1,500	\$ 256,977 \$ 63,713 \$ 159,283 \$ 265 \$ 31,857 \$ 265 \$ 1,593 \$ 1,062 \$ 265 \$ 531 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062
SB	60 EXTERIOR-ROOF ENTIRE BUILDING EXTERIOR-ROOF  EXTERIOR-ROOF  10 20 30 40 42 42 43 50 60 60	MS002 MS003 MS003 MS005 MS006 MS006 ES001 ES002 ES003 ES004 ES005 ES006 ES007 ES008, ES008,	PLUMBING SYSTEMS (May be packaged with I  MECHANICAL SYSTEMS (May be packaged with HEATING HOT WATER CIRCULATING PUMP MAINTENANCE/REPLACEMENTS  BOILER REPLACEMENTS  PAINT SHOP MAKEUP AIR UNIT  HYAC SYSTEMS CLEANING PAINT SHOP EXHAUST FAN AIR-COOLED CHILLER AND DAMAGE INSULLATION ON ROOF MOUNTED CHILLED WATER PIPING REPLACE MECH ROOM INCANDESCENT LIGHTING REPLACE CUSTODIAL INCANDESCENT LIGHTING REPLACE LOCKER/TOILET ROOM LIGHTING REPLACE LOCKER/TOILET ROOM LIGHTING REPLACE LOCKER/TOILET ROOM LIGHTING REPLACE LOCKER/TOILET ROOM LIGHTING REPLACE LOCKER ROOM LIGHTING REPLACE LOCKER ROOM LIGHTING REPLACE LOCKER TOILET ROOM LIGHTING REPLACE MECH/ELECT FLUOR LIGHTING A REPLACE MECH/ELECT FLUOR LIGHTING MAIN SWITCHBOARD	h BI item scope. Do Y04 Y04 Y04 MMM16 MMM16 720 MMM16 BI item scope. DCh Y04 X01 725 725 725 725 X01 Y04 Y04 Y04 Y04 Y04	M Consulting for conce 2009 2009 2009 2009 2009 2009 2009 200	otual constructio  2  3 1 1 10,000 1  1  1  2  4  4  4  4  6  6  1	EA	with quotations 20 25 20 10 20 20 20 20 20 20 20 20 20 20 20 20 20	15 15 15 15 15 15 15 15 20 20 20 20 20 55 55	5 10 5 -5 5 5 -35 0 0 0 0 -25 -35	\$30,000.00 \$50,000.00 \$250.00 \$3.00 \$250.00 \$1,500.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00	\$ 60,000 \$ 150,000 \$ 250 \$ 30,000 \$ 250 \$ 1,500 \$ 1,000 \$ 1,000 \$ 1,000 \$ 1,500 \$ 1,500 \$ 1,500	\$ 256,977 \$ 63,713 \$ 159,283 \$ 265 \$ 31,857 \$ 265 \$ 1,593 \$ 1,062 \$ 265 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062
SB	60 EXTERIOR-ROOF ENTIRE BUILDING EXTERIOR-ROOF  EXTERIOR-ROOF  10 20 30 40 42 43 50 60	MS002 MS003 MS003 MS006 MS006 MS006 ES001 ES002 ES003 ES004 ES005 ES006 ES007 ES008, ES008,	PLUMBING SYSTEMS (May be packaged with I  MECHANICAL SYSTEMS (May be packaged with HEATING HOT WATER CIRCULATING PUMP MAINTENANCE/REPLACEMENTS  BOILER REPLACEMENTS  BOILER REPLACEMENTS  BOILER REPLACEMENTS  PAINT SHOP MAKEUP AIR UNIT  HVAC SYSTEMS CLEANING  PAINT SHOP EXHAUST FAN  AIR-COOLED CHILLER AND DAMAGE INSULLATION ON ROOF MOUNTED CHILLED WATER PIPING  ELECTRICAL SYSTEMS (May be packaged with REPLACE MECH ROOM INCANDESCENT LIGHTING  REPLACE CUSTODIAL INCANDESCENT LIGHTING  REPLACE LOCKER/TOILET ROOM LIGHTING  REPLACE LOCKER/TOILET ROOM LIGHTING  REPLACE LOCKER/TOILET ROOM LIGHTING  REPLACE LOCKER/TOILET ROOM LIGHTING  REPLACE MECH/ELECT FLUOR LIGHTING  A REPLACE MECH/ELECT FLUOR LIGHTING  A REPLACE MECH/ELECT FLUOR LIGHTING  MAIN SWITCHBOARD  LIFE SAFETY AUTOMATIC TRANSFER SWITCH (ATS-E)	h BI item scope. Di Y04  Y04  Y04  MMM16  MMM16  720  MMM16  BI item scope. DCh  Y04  X01  725  725  725  725  X01  Y04	M Consulting for concess   2009   2009   2009   2009   2009   2009   2009   2009   2009   2009   2009   2009   2009   2004   2004   2004   2004   2004   2004   2004   2006   1969   1969   1969   1969   1969   2009   2	otual construction  1	EA EA EA EA EA EA EA EA EA	with quotations 20 25 20 10 20 20 20 20 20 20 20 20 20 20 20 20 20	15 15 15 15 15 15 15 15 20 20 20 20 20 55	-35 -35 -35 -35 -35 -35	\$30,000.00 \$50,000.00 \$250.00 \$3.00 \$250.00 \$1,500.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00	\$ 60,000 \$ 150,000 \$ 250 \$ 30,000 \$ 250 \$ 1,500 \$ 1,000 \$ 1,000 \$ 1,000 \$ 1,500 \$ 1,500	\$ 256,977 \$ 63,713 \$ 159,283 \$ 265 \$ 31,857 \$ 265 \$ 1,593 \$ 1,062 \$ 265 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062
SB	60 EXTERIOR-ROOF ENTIRE BUILDING EXTERIOR-ROOF  EXTERIOR-ROOF  10 20 30 40 42 42 43 50 60 60	MS002 MS003 MS003 MS005 MS006 MS006 ES001 ES002 ES003 ES004 ES005 ES006 ES007 ES008, ES008,	PLUMBING SYSTEMS (May be packaged with I  MECHANICAL SYSTEMS (May be packaged with HEATING HOT WATER CIRCULATING PUMP MAINTENANCE/REPLACEMENTS BOILER REPLACEMENTS BOILER REPLACEMENTS BOILER REPLACEMENTS BOILER REPLACEMENTS PAINT SHOP MAKEUP AIR UNIT HVAC SYSTEMS CLEANING PAINT SHOP EXHAUST FAN AIR-COOLED CHILLER AND DAMAGE INSULLATION ON ROOF MOUNTED CHILLED WATER PIPING ELECTRICAL SYSTEMS (May be packaged with REPLACE MECH ROOM INCANDESCENT LIGHTING REPLACE CUSTODIAL INCANDESCENT LIGHTING REPLACE LOCKER/TOILET ROOM LIGHTING REPLACE MECH/ELECT FLUOR LIGHTING REPLACE MECH/ELECT FLUOR LIGHTING MAIN SWITCHBOARD LIFE SAFETY AUTOMATIC TRANSFER SWITCH (ATS-E) STANDBY POWER SYSTEMS AUTOMATIC TRANSFER SWITCH (ATS-NE)	h BI item scope. Do Y04 Y04 Y04 MMM16 MMM16 720 MMM16 BI item scope. DCh Y04 X01 725 725 725 725 X01 Y04 Y04 Y04 Y04 Y04	M Consulting for conce 2009 2009 2009 2009 2009 2009 2009 200	otual construction  1	EA	with quotations 20 25 20 10 20 20 20 20 20 20 20 20 20 20 20 20 20	15 15 15 15 15 15 15 15 20 20 20 20 20 55 55	5 10 5 -5 5 5 -35 0 0 0 0 -25 -35	\$30,000.00 \$50,000.00 \$250.00 \$3.00 \$250.00 \$1,500.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00	\$ 60,000 \$ 150,000 \$ 250 \$ 30,000 \$ 250 \$ 1,500 \$ 1,000 \$ 1,000 \$ 1,000 \$ 1,500 \$ 1,500 \$ 1,500	\$ 256,977 \$ 63,713 \$ 159,283 \$ 265 \$ 31,857 \$ 265 \$ 1,593 \$ 1,062 \$ 265 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062
SB S	60 EXTERIOR-ROOF ENTIRE BUILDING EXTERIOR-ROOF  EXTERIOR-ROOF  10 20 30 40 42 43 50 60 60	MS002 MS003 MS004 MS006 MS006 MS006 ES001 ES002 ES003 ES004 ES005 ES006 ES007 ES008, ES008,	PLUMBING SYSTEMS (May be packaged with I  MECHANICAL SYSTEMS (May be packaged with HEATING HOT WATER CIRCULATING PUMP MAINTENANCE/REPLACEMENTS  BOILER REPLACEMENTS PAINT SHOP MAKEUP AIR UNIT HVAC SYSTEMS CLEANING PAINT SHOP EXHAUST FAN AIR-COOLED CHILLER AND DAMAGE INSULLATION ON ROOF MOUNTED CHILLED WATER PIPING REPLACE MECH ROOM INCANDESCENT LIGHTING REPLACE CUSTODIAL INCANDESCENT LIGHTING REPLACE LOCKER/TOILET ROOM LIGHTING REPLACE LOCKER/TOILET ROOM LIGHTING REPLACE LOCKER/TOILET ROOM LIGHTING REPLACE LOCKER FOOLET FLOOM LIGHTING REPLACE LOCKER TOILET ROOM LIGHTING REPLACE MECH/ELECT FLUOR LIGHTING REPLACE MECH/ELECT FLUOR LIGHTING MAIN SWITCHBOARD LIFE SAFETY AUTOMATIC TRANSFER SWITCH (ATS-E) STANDBY POWER SYSTEMS AUTOMATIC	h BI item scope. Do Y04 Y04 Y04 MMM16 MMM16 MMM16 Z20 MMM16 BI item scope. DCM Y04 X01 725 725 725 725 X01 Y04	M Consulting for conce 2009 2009 2009 2009 2009 2009 2009 200	2   3   1   10,000   1   1   1   1   1   1   1   1   1	EA E	with quotations 20 25 20 10 20 20 20 20 20 20 20 20 20 20 20 20 20	15 15 15 15 15 15 15 26 from 3rd Party Sources) 55 55 20 20 20 20 20 55 55 55	-35 -35 -35 -35 -35 -35 -35 -35 -35 -35	\$30,000.00 \$50,000.00 \$250.00 \$3.00 \$250.00 \$1,500.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00	\$ 60,000 \$ 150,000 \$ 250 \$ 30,000 \$ 250 \$ 1,500 \$ 1,000 \$ 1,000 \$ 1,000 \$ 1,500 \$ 1,500 \$ 1,500 \$ 1,000	\$ 256,977 \$ 63,713 \$ 159,283 \$ 265 \$ 31,857 \$ 265 \$ 1,593 \$ 1,062 \$ 265 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062 \$ 1,062

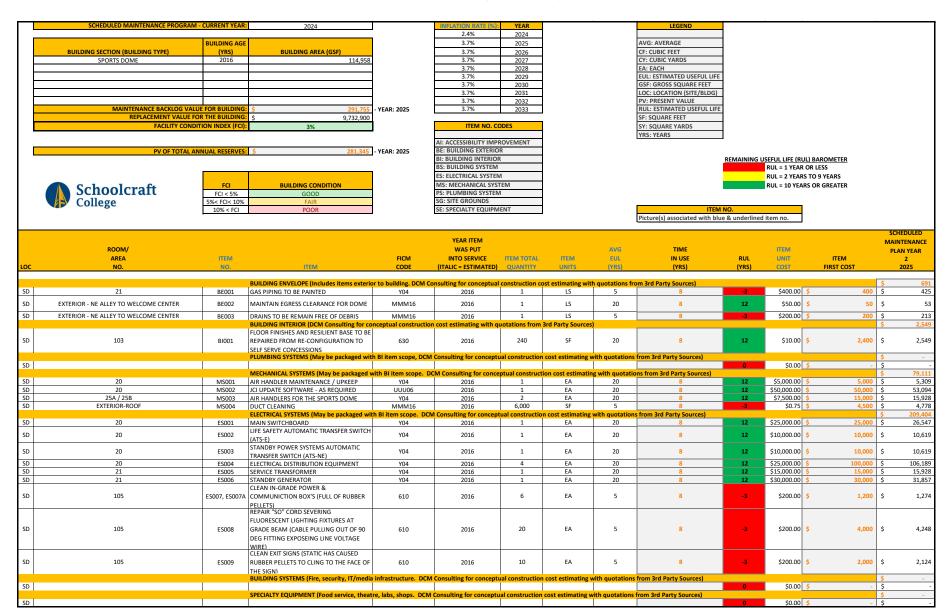
## SCHOOLCRAFT COLLEGE; SERVICE BUILDING - SCHEDULED MAINTENANCE PROGRAM 10-YEAR MASTER PLAN (YEARS 2024 - 2033)

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
LOC	AREA NO.	ITEM NO.	ITEM	FICM CODE	INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	EUL (YRS)	IN USE (YRS)	RUL (YRS)	UNIT	ITEM FIRST COST	2 2025
SB	70	ES014	REPLACE SHOP/STORAGE FLUOR LIGHTING	725	2009	11	EA	20	15	5	\$250.00		
SB	75	ES015	REPLACE PRIMARY ELECTRICAL ROOM INCANDESCENT AND FLUORESCENT LIGHTING	Y04	1963	15	EA	20	61	-41	\$250.00	\$ 3,750	\$ 3,982
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	61	-41	\$5,000.00	\$ 5,000	\$ 5,309
SB	80	ES017	REPLACE ELECTRICAL DISTRIBUTION EQUIPMENT	Y04	1963	3	EA	20	61	-41	\$25,000.00	\$ 75,000	\$ 79,642
SB	80	ES018	REPLACE ELECTRICAL/PUMP ROOM INCAN LIGHTING	Y04	1963	2	EA	20	61	-41	\$250.00		
SB	85	ES019	REPLACE TOILET ROOM LIGHTING	X03	1969	1	EA	20	55	-35	\$250.00		
SB	85	ES020	ADD VACANCY SENSORS	X03	1969	1	EA	20	55	-35	\$250.00		
SB	90	ES021	ADD VACANCY SENSORS	X03	1969	1	EA	20	55	-35	\$250.00		
SB	90	ES022	REPLACE TOILET ROOM LIGHTING	X03	1969	1	EA	20	55	-35	\$250.00	\$ 250	\$ 265
SB	95	ES023	REPLACE MECHANICAL ROOM INCANDESCENT AND FLUORESCENT LIGHTING	Y04	1969	4	EA	20	55	-35	\$250.00	\$ 1,000	\$ 1,062
SB	100	ES024	REPLACE GARAGE/SHOP FLUOR LIGHTING	745	1969	10	EA	20	55	-35	\$250.00	\$ 2,500	\$ 2,655
SB	110	ES025, ES025A, ES025B, ES025C, ES025D	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MOUNTED IN CORRIDOR WALLS	745	1969	1	EA	20	55	-35	\$5,000.00		
SB	110	ES026	REPLACE GARAGE/SHOP FLUOR LIGHTING	745	2009	10	EA	20	15	5	\$250.00	\$ 2,500	\$ 2,655
SB	120	ES027	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MTD IN CORRIDOR WALLS	720	1969	2	EA	20	55	-35	\$5,000.00	\$ 10,000	\$ 10,619
SB	120	ES028	REPLACE SHOP FLUORESCENT LIGHTING	720	2009	18	EA	20	15	5	\$250.00	\$ 4,500	\$ 4,778
SB	130	ES029	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MTD IN CORRIDOR WALLS	720	1969	2	EA	20	55	-35	\$5,000.00		
SB	130	ES030	REPLACE SHOP/STORAGE FLUOR LIGHTING	720	2009	11	EA	20	15	5	\$250.00	\$ 2,750	\$ 2,920
SB	140	ES031	REPLACE PAINT SHOP EXPLOSION-PROOF INCANDESCENT LIGHTING	720	1969	8	EA	20	55	-35	\$250.00	\$ 2,000	\$ 2,124
SB	150	ES032	REPLACE SURF MTD STORAGE ROOM FLUOR LIGHTING	725	1969	4	EA	20	55	-35	\$250.00	\$ 1,000	\$ 1,062
SB	200	ES033	REPLACE WAREHOUSE FLUOR LIGHTING	750	2009	32	EA	20	15	5	\$250.00	\$ 8,000	\$ 8,495
SB	230	ES034	REPLACE MAIL/PRINT ROOM FLUORESCENT LIGHTING	730	2009	4	EA	20	15	5	\$250.00	\$ 1,000	\$ 1,062
SB	300	ES035	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS	730	1969	5	EA	20	55	-35	\$5,000.00	\$ 25,000	\$ 26,547
SB	300	ES036	REPLACE HIGH BAY WAREHOUISE FLUORESCENT LIGHTING	730	2009	16	EA	20	15	5	\$250.00	\$ 4,000	\$ 4,248
SB	400	ES037	REPLACE LIGHTING AND RECEPTACLE PANELBOARDS FLUSH MTD IN CORRIDOR WALLS	660	1969	2	EA	20	55	-35	\$5,000.00	\$ 10,000	\$ 10,619
SB	400	ES038	ADD VACANCY SENSORS	660	2011	1	EA	20	13	7	\$250.00	\$ 250	\$ 265
SB	401	ES039	REPLACE BOOKSTORE LOBBY FLUORESCENT	W06	2011	6	EA	20	13	7	\$250.00		
SB	430	ES040	REPLACE BREAK ROOM FLUOR LIGHTING	665	1969	8	EA	20	55	-35	\$250.00	\$ 2,000	\$ 2,124
SB	430	ES041	ADD VACANCY SENSORS	665	1969	1	EA	20	55	-35	\$250.00		
SB	440	ES042	REPLACE OFFICE FLUORESCENT LIGHTING	310	1996	6	EA	20	28	-8	\$250.00		
SB	440	ES043	ADD VACANCY SENSORS	310	1996	1	EA	20	28	-8	\$250.00		
SB	450	ES044	ADD VACANCY SENSORS	310	1996	1	EA	20	28	-8	\$250.00		
SB	460	ES045	REPLACE STORAGE ROOM LIGHTING	310	2011	6	EA	20	13	7	\$250.00		
SB	460	ES046	ADD VACANCY SENSORS	310	2011	1	EA	20	13	7	\$250.00		\$ 265
SB	490	ES047	ADD VACANCY SENSORS	350	2014	1	EA	20	10	10	\$250.00	\$ 250	\$ 265
SB	490	ES048	REPLACE CONF. ROOM FLUOR LIGHTING	350	2014	6	EA	20	10	10	\$250.00		
SB	500	ES049	REPLACE VESTIBULE LIGHTING	W06	1969	1	EA	20	55	-35	\$250.00	\$ 250	\$ 265

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

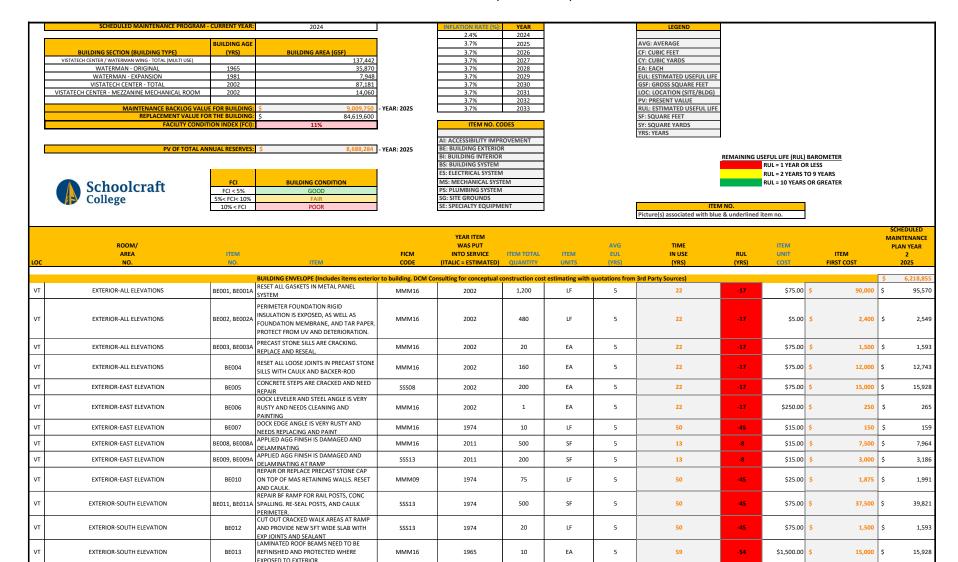
	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
SB	508	ES051	REPLACE FLUOR LIGHTING	310	2002	3	EA	20	22	-2	\$250.00	\$ 750	\$ 796
SB	509	ES052	REPLACE FLUOR LIGHTING	310	2002	3	EA	20	22	-2	\$250.00	\$ 750	\$ 796
SB	510	ES053, ES053A	REPLACE FLUOR LIGHTING	310	2004	22	EA	20	20	0	\$250.00	\$ 5,500	\$ 5,840
SB	512	ES054	REPLACE FLUOR LIGHTING	310	2004	3	EA	20	20	0	\$250.00	\$ 750	
SB	514	ES055	REPLACE FLUOR LIGHTING	310	2004	3	EA	20	20	0	\$250.00	\$ 750	\$ 796
SB	515	ES056	REPLACE FLUOR LIGHTING	310	2004	3	EA	20	20	0	\$250.00	\$ 750	
SB	516	ES057	REPLACE FLUOR LIGHTING	310	2004	6	EA	20	20	0	\$250.00	\$ 1,500	
SB	523	ES058	REPLACE BREAK ROOM FLUOR LIGHTING	315	2004	4	EA	20	20	0	\$250.00	\$ 1,000	\$ 1,062
SB	EXTERIOR-DOCK	ES059	REPLACE EXTERIOR UNDER CANOPY HID LIGHTING	750	2006	8	EA	20	18	2	\$250.00	\$ 2,000	\$ 2,124
SB	EXTERIOR-VEHICLE STORAGE	ES060	REPLACE EXTERIOR GARAGE HID LIGHTING	740	1969	3	EA	20	55	-35	\$250.00	\$ 750	\$ 796
SB	EXTERIOR	ES061	SERVICE TRANSFORMER REPLACEMENT	UUU04	2009	1	EA	20	15	5	\$15,000.00	5 15,000	\$ 15,928
SB	EXTERIOR	ES062	STANDBY GENERATOR REPLACEMENT	UUU04	2009	1	EA	20	15	5	\$15,000.00	\$ 15,000	\$ 15,928
SB	EXTERIOR-ALL ELEVATIONS	ES063, ES063A, ES063B	REPLACE EXTERIOR BUILDING LIGHTING	UUU10	1969	19	EA	20	55	-35	\$250.00	\$ 4,750	\$ 5,044
SB	EXTERIOR	ES064, ES064A	OUTDOOR, GROUND MOUNTED FUEL TANK. REPAIR CONDUIT AND PROTECT EXPOSED GROUND WIRE AND GROUND ROD.	UUU08	1969	1	LS	20	55	-35	\$5,000.00	\$ 5,000	\$ 5,309
SB	EXTERIOR ROOF	ES065	REPLACE DISCONNECT SWITCH ON ROOF EXHAUST FAN	UUU04	1969	1	EA	20	55	-35	\$500.00	\$ 500	\$ 531
SB	EXTERIOR ROOF		REPLACE RUSTED CONDUIT WITH RGS CONDUIT 24" ABOVE ROOF AND MAKE PHOTOCELL OPERATIONAL	UUU10	2004	1	EA	20	20	0	\$2,500.00	\$ 2,500	\$ 2,655
SB	INTERIOR-ALL CORRIDORS	ES067	REPLACE EXIT LIGHTING	UUU25	2004	29	EA	20	20	0	\$250.00	5 7,250	\$ 7,699
			BUILDING SYSTEMS (Fire, security, IT/media	infrastructure. DCN		ual construction			from 3rd Party Sources)				\$ 108,844
SB	60	BS001	BOILER ROOM EPO SYSTEM	Y04	2009	1	EA	20	15	5	\$7,500.00		
SB	80	BS003	IT SYSTEMS	Y04	2011	1	EA	20	13	7	\$15,000.00	15,000	
SB	95	BS004	IT SYSTEMS	Y04	2011	1	EA	20	13	7	\$15,000.00	15,000	
SB	INTERIOR-BUILDING WIDE		PRIMAX CLOCK SYSTEM	UUU25	1963	1	EA	20	61	-41	\$65,000.00	65,000	\$ 69,023
			SPECIALTY EQUIPMENT (Food service, theat	re, labs, shops. DCN	A Consulting for conceptu	ial construction	cost estimating v	with quotations f	rom 3rd Party Sources)				\$ -
SB										0	\$0.00	\$ -	\$ -
			ACCESSIBILITY IMPROVEMENTS (Building co	des & ADA standard	Is for accessible design. [	OCM Consulting	for conceptual co	onstruction cost	estimating with quotations fro	m 3rd Party So			\$ -
SB										0	\$0.00		\$ -
										ANNUA	L FUNDING REQ	JIREMENTS (ROUNDED):	\$ 1,165,454

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



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

													SCHEDULED
					YEAR ITEM								MAINTENANCE
	ROOM/				WAS PUT			AVG	TIME		ITEM		PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
			ACCESSIBILITY IMPROVEMENTS (Building co	des & ADA standar	ds for accessible design. D	CM Consulting	or conceptual co	onstruction cost	estimating with quotations fr	om 3rd Party So	urces)		\$ -
SD										0	\$0.00 \$		.   \$ -
										ANNUAL	<b>FUNDING REQU</b>	IREMENTS (ROUNDED	\$ 291,755



2002

EA

22

\$300.00 \$

2.700 \$

2,867

CLEAN ALL PRECAST PANELS FREE OF DIRT AND GRIM FROM EAVE OF METAL ROOF.

PROVIDE DIVERTER OR GUTTER WITH

MMM16

BE014

EXTERIOR-SOUTH ELEVATION

	ROOM/ AREA	ITEM		FICM	YEAR ITEM WAS PUT INTO SERVICE	ITEM TOTAL	ITEM	AVG EUL	TIME IN USE	RUL	ITEM UNIT	ITEM	SCHEDULED MAINTENANCE PLAN YEAR 2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
VT	EXTERIOR-SOUTH ELEVATION	BE015	GRASS AT ENTRY VT20 IS SOGGY. REGRADE TO SLOPE AWAY FROM BUILDING.	GGG11	2002	800	SF	5	22	-17	\$5.00	\$ 4,000	\$ 4,248
VT	EXTERIOR-WEST ELEVATION	BE016, BE016A	GRASS AT NORTH WALL OF VT465 IS SOGGY. REGRADE TO SLOPE AWAY FROM BUILDING.	GGG11	2002	2,500	SF	2	22	-20	\$3.00	\$ 7,500	\$ 7,964
VT	EXTERIOR-WEST ELEVATION	BE017, BE017A	VEGETATION, (IVY) SHOULD NOT GROW ON THE BUILDING. MOISTURE WILL BE A PROBLEM.	GGG11	2002	500	SF	2	22	-20	\$3.00	\$ 1,500	\$ 1,593
VT	EXTERIOR-ROOF	BE018	VISTATECH SINGLE-PLY MEMBRANE REROOFING	MMM16	2002	75,345	SF	25	22	3	\$50.00	\$ 3,767,250	\$ 4,000,398
VT	EXTERIOR-ROOF	BE019	PONDING ON ROOF SHOULD BE MINIMIZED. ADD DRAIN, IF POSSIBLE.	MMM16	2002	300	SF	2	22	-20	\$5.00	\$ 1,500	\$ 1,593
VT	EXTERIOR-ROOF	BE020	CLEAR DRAIN SO WATER CAN FLOW. REMOVE DIRT AND GRIM FROM ROOF.	MMM16	2002	60	SF	5	22	-17	\$3.00	\$ 180	\$ 191
VT	EXTERIOR-ROOF	BE021	ENTIRE SKYLIGHT GLAZING SYSTEM NEEDS TO BE RESEALED AND FLASHINGS INSPECTED. THE MAINSTREET CORRIDOR VT5000 AND VT5002 HAS LEAKS APPEARING ABOVE CEILINGS AND DOWN COLUMNS.	ммм16	2023	2,400	SF	2	1	1	\$150.00	\$ 360,000	\$ 382,280
VT	EXTERIOR-ROOF	BE022	CLEAN ALL METAL PANELS FREE OF DIRT AND GRIM	MMM16	2002	5,000	SF	5	22	-17	\$3.00	\$ 15,000	\$ 15,928
VT	EXTERIOR-ROOF	BE023	CLEAN ROOF SUMP OF ALL DEBRIS	MMM16	2002	1	EA	2	22	-20	\$150.00	\$ 150	\$ 159
w	EXTERIOR-ROOF	BE024	WATERMAN WING (ORIGINAL) HIGH BAY REROOF	MMM16	1996	131,000	SF	25	28	-3	\$50.00	\$ 6,550,000	\$ 434,525
W	EXTERIOR-ROOF	BE025	WATERMAN WING (EXPANSION) REROOF	MMM16	1997	131,000	SF	25	27	-2	\$50.00	\$ 6,550,000	\$ 1,046,491
w	EXTERIOR-ROOF	BE026	WATERMAN FOOD SERVICE DOCK STEEL FASCIA PANEL REPLACEMENT	MMM16	1974	800	SF	25	50	-25	\$75.00	\$ 60,000	\$ 63,713
w	EXTERIOR-ROOF	BE027	WATERMAN ROOF-MOUNTED, STEEL EQUIPMENT SCREEN WALL MAINTENANCE / REPLACEMENT	MMM16	1974	1,700	SF	15	50	-35	\$5.00	\$ 8,500	\$ 9,026
w	EXTERIOR-EAST ELEVATION	BE028	REPAIR SOFFIT AT STOREFRONT WINDOW	MMM16	1965	4	SF	5	59	-54	\$250.00	\$ 1,000	\$ 1,062
W	EXTERIOR-SOUTH ELEVATION	BE029	CLEAN AND REPAIR METAL PANEL SOFFIT	MMM16	2002	150	SF	5	22	-17	\$15.00	\$ 2,250	\$ 2,389
w	EXTERIOR-SOUTH ELEVATION	BE030	REPAINT METAL ACCESS PANEL ON BRICK	MMM16	1965	1	EA	5	59	-54	\$8.00	\$ 8	\$ 8
w	EXTERIOR-ROOF	BE031	SCREEN WALL FRAMING NEEDS TO BE REPLACED. PANELS ARE NOT ALIGNED.	MMM16	1981	1,700	SF	2	43	-41	\$25.00	\$ 42,500	
			BUILDING INTERIOR (DCM Consulting for con	nceptual construction	cost estimating with quo	tations from 3rd	d Party Sources)						\$ 407,120
VT	45	BI001	REPLACE STAINED AND DAMAGED ACOUSTICAL CEILING PANELS	685	2002	24	SF	25	22	3	\$7.00	\$ 168	\$ 178
VT	46	BI002	REPLACE STAINED AND DAMAGED ACOUSTICAL CEILING PANELS	635	2002	24	SF	25	22	3	\$4.00	\$ 96	\$ 102
VT	53	BI003	RECAULK FIXTURES TO WALL	X03	2002	17	EA	2	22	-20	\$50.00	\$ 850	\$ 903
VT	55	BI004	REPLACE STAINED AND DAMAGED ACOUSTICAL CEILING PANELS	Y04	2002	40	SF	5	22	-17	\$7.00	\$ 280	\$ 297
VT	60	BI005	RECAULK FIXTURES TO WALL	X03	2002	2	EA	2	22	-20	\$50.00	\$ 100	\$ 106
VT	61	BI006	RECAULK FIXTURES TO WALL	X03	2002	2	EA	2	22	-20	\$50.00	\$ 100	\$ 106
VT	62	BI007	DRYWALL NEAR WATERCLOSET IS WET AND NEEDS REPAIR	X03	2002	3	SF	2	22	-20	\$10.00	\$ 30	\$ 32
VT	65	BI008	PIPES ARE LEAKING ONTO THE PENTHOUSE FLOOR	Y04	2002	1	EA	2	22	-20	\$250.00	\$ 250	\$ 265
VT	65	BI009	PENTHOUSE METAL PANELS ARE NOT WEATHER TIGHT AND ALLOW LIGHT AND WATER TO PENETRATE	Y04	2002	1	LS	2	22	-20	\$15,000.00	\$ 15,000	\$ 15,928
VT	425A	BI010, BI010A	REPLACE STAINED AND DAMAGED ACOUSTICAL CEILING PANELS	685	2002	30	SF	5	22	-17	\$7.00	\$ 210	\$ 223
VT	444	BI011	CLEAN RETURN AIR GRILLE	310	2002	1	EA	5	22	-17	\$50.00	\$ 50	\$ 53
VT	446	BI012	ACOUSTICAL CEILING PANELS NOT IN GRID	680	2002	100	SF	2	22	-20	\$3.00	\$ 300	\$ 319
VT	550	BI013	VISTATECH PRESENTATION ROOM FLOORING INSTALLATIONS	610	2002	1,200	SF	15	22	-7	\$7.00	\$ 8,400	\$ 8,920
VT	620	BI014	CLEAN RETURN AIR GRILLE	210	2002	1	EA	2	22	-20	\$250.00	\$ 250	\$ 265
VT	690	BI015	AMERICAN HARVEST RESTAURANT FLOORING REPLACEMENT	210	2003	2,130	SF	35	21	14	\$9.00	\$ 19,170	\$ 20,356

					YEAR ITEM								SCHEDULED
	ROOM/				WAS PUT			AVG	TIME		ITEM		MAINTENANCE PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
VT	5000	BI016	VISTATECH ACOUSTICAL TREATMENTS REPAIR / REPLACEMENT ALONG MAIN STREET	W05	2002	800	SF	20	22	-2	\$150.00	\$ 120,000	\$ 127,427
VT	5002	BI017	VISTATECH ACOUSTICAL TREATMENTS REPAIR / REPLACEMENT ALONG MAIN	W06	2002	800	SF	20	22	-2	\$150.00	\$ 120,000	\$ 127,427
VT	VEST-E1	BI018	STREET LOADING DOCK LEVELER FRAME IS RUSTY AND NEEDS TO BE REPAINTED. REMOVE RUST STAINS ON CONCRETE	W06	2002	120	SF	5	22	-17	\$15.00	\$ 1,800	\$ 1,911
w	15	BI019	ENTRY W15 NEEDS THRESHOLD, WEATHERSTRIPING	Y04	1965	1	EA	2	59	-57	\$75.00	\$ 75	\$ 80
w	19A	BI020, BI020A	REPLACE FLOORING THAT WAS VCT AND	780	1965	400	SF	2	59	-57	\$7.00	\$ 2,800	\$ 2,973
w	19A	BI021	PAINT CMU PIER NEAR CEILING	780	1965	3	SF	2	59	-57	\$8.00	\$ 24	\$ 25
w	25	BI022	SEAL ALL PIPES STOPPING IN FOUNDATION WALL	Y04	1965	10	EA	2	59	-57	\$50.00	\$ 500	\$ 531
w	37	BI023	FIX FLOORING AND INSTALL NEW REDUCER STRIP	Y04	1965	60	SF	5	59	-54	\$7.00	\$ 420	\$ 446
w	100	BI024	REPLACEMENT OF LOWER WATERMAN STEEL STAIRWELL DOORS	W07	1965	2	EA	50	59	-9	\$2,500.00	\$ 5,000	\$ 5,309
W	120	BI025, BI025A	REPLACE VCT FLOORING	675	1965	300	SF	5	59	-54	\$7.00	\$ 2,100	\$ 2,230
w	120	BI026	REPLACE STAINED AND DAMAGED ACOUSTICAL CEILING PANELS	675	1965	300	SF	5	59	-54	\$7.00	\$ 2,100	\$ 2,230
W	121	BI027	REPAIR HOLE IN WALL	675	1965	6	SF	5	59	-54	\$10.00	\$ 60	
W	121	BI028	REPAIR HOLE IN CEILING	675	1965	6	SF	5	59	-54	\$10.00	\$ 60	
W	153	BI029	UPGRADE CABINETS FROM 1965	675	1965	10	LF	5	59	-54	\$500.00	\$ 5,000	
w	169 200	BI030 BI031	UPGRADE PARTITION WALLS AND DOOR REPAIR WOOD DOORS FROM SCRATCHES	675 630	1965 2002	30	LF PR	5	59 22	-54	\$2,500.00 \$2,500.00	\$ 75,000 \$ 2,500	\$ 79,642 \$ 2,655
w	304	BI032	REPLACE CHIPS AND BROKEN ACOUST	310	1997	100	SF	5	27	-22	\$7.00	\$ 700	
VV	304	BIU32	CEILING PANELS			J				-22	\$7.00	\$ 700	
			PLUMBING SYSTEMS (May be packaged with	BI item scope, DCM	Consulting for conceptua	l construction c	ost estimating wif	th quotations fro	om 3rd Party Sources)				\$ 389,475
VT	53	PS001	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	25	EA	40	22	18	\$3,494.00	\$ 87,350	\$ 92,756
VT	54	PS002	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	22	EA	40	22	18	\$3,495.00	\$ 76,890	\$ 81,649
VT	58	PS003	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2012	4	EA	40	12	28	\$3,496.00	\$ 13,984	\$ 14,849
VT	59	PS004	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2012	4	EA	40	12	28	\$3,497.00	\$ 13,988	\$ 14,854
VT	60	PS005	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	2	EA	40	22	18	\$3,498.00	\$ 6,996	\$ 7,429
VT	61	PS006	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	2	EA	40	22	18	\$3,499.00	\$ 6,998	\$ 7,431
VT	62	PS007	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	2	EA	40	22	18	\$3,500.00	\$ 7,000	\$ 7,433
w	10	PS008	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	8	EA	40	22	18	\$3,488.00	\$ 27,904	\$ 29,631
w	17	PS009	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	8	EA	40	22	18	\$3,489.00	\$ 27,912	\$ 29,639
w	20	PS010	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	9	EA	40	22	18	\$3,490.00	\$ 31,410	\$ 33,354
w	21	PS011	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	2002	9	EA	40	22	18	\$3,491.00	\$ 31,419	\$ 33,363
w	30	PS012	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	1981	5	EA	40	43	-3	\$3,492.00	\$ 17,460	\$ 18,541
w	31	PS013	TOILET ROOM FIXTURES, LAVATORIES, URINALS AND SINKS	X03	1981	5	EA	40	43	-3	\$3,493.00	\$ 17,465	\$ 18,546
			MECHANICAL SYSTEMS (May be packaged w						from 3rd Party Sources)				\$ 955,699
VT	65	MS001	VT INLINE BOILER PUMPS	Y04	2002	7	EA	15	22	-7	\$30,000.00		\$ 222,996
VT	65	MS002	VT BOILER REPLACEMENTS VT HEATING HOT WATER PUMP	Y04	2002	7	EA	15	22	-7	\$50,000.00	\$ 350,000	\$ 371,661
VT	65	MS003	REPLACEMENTS	Y04	2002	3	EA	20	22	-2	\$30,000.00	\$ 90,000	\$ 95,570
VT	40	MS004	REPLACE HEATING HOT WATER SHOT FEEDER	W05	2002	1	EA	15	22	-7	\$15,000.00	\$ 15,000	\$ 15,928

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
LOC	AREA NO.	NO.	ITEM	FICM CODE	INTO SERVICE (ITALIC = ESTIMATED)	QUANTITY	ITEM UNITS	EUL (YRS)	IN USE (YRS)	RUL (YRS)	UNIT	ITEM FIRST COST	2 2025
VT	446	MS005	AIR PRESSURE DIFFERENTIAL ROOM IS NEGATIVE TO THE CORRIDOR TO THE POINT OF LIFTING CEILING TILES. REBALANCE DIFFUSERS AND INSTALL RETURN GRILLE.	680	2002	4	EA	10	22	-12	\$250.00		
w	15	MS006	ROOM IS HOT TEMPERATURE READING AT 94 DEGREES NO AIR MOVEMENT, INSTALL SUPPLY AND RETURN	Y04	1974	4	EA	10	50	-40	\$250.00	\$ 1,000	\$ 1,062
W	15	MS007	WATERMAN BOILERS	Y04	2002	2	EA	20	22	-2	\$65,000.00	\$ 130,000	\$ 138,045
w	15A	MS008	ROOM IS HOT TEMPERATURE READING AT 94 DEGREES NO AIR MOVEMENT, INSTALL SUPPLY AND RETURN	X01	1974	4	EA	10	50	-40	\$250.00	\$ 1,000	\$ 1,062
w	25	MS009	WATERMAN AIR HANDLING UNIT REPLACEMENTS	Y04	1965	2	EA	40	59	-19	\$50,000.00	\$ 100,000	\$ 106,189
w	157	MS010	SUPPLY AIR NOISE FROM SUPPLY DIFFUSER, REBALANCE DIFFUSER	675	1965	4	EA	10	59	-49	\$250.00	\$ 1,000	\$ 1,062
w	166	MS011	SUPPLY AIR NOISE LOUD MEASURED SOUND AT 65DB, REBALANCE DIFFUSER	675	1965	4	EA	10	59	-49	\$250.00	\$ 1,000	\$ 1,062
			ELECTRICAL SYSTEMS (May be packaged with	h BI item scope. DCM	Consulting for conceptua	al construction	cost estimating w	ith quotations fr	om 3rd Party Sources)				\$ 553,350
VT	42	ES001	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	Y04	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
VT	44	ES002	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	Y04	2002	1	EA	20	22	-2	\$250.00	\$ 250	\$ 265
VT	50	ES003	REPLACE FLUORESCENT LIGHTING & ADD OCCUPANCY SENSORS	615	2002	3	EA	20	22	-2	\$250.00	\$ 750	\$ 796
VT	51	ES004	REPLACE FLUORESCENT LIGHTING & ADD OCCUPANCY SENSORS	Y04	2002	7	EA	20	22	-2	\$250.00	\$ 1,750	\$ 1,858
VT	51A	ES005	REPLACE HID AREA LIGHTING	Y04	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
VT	52	ES006	REPLACE FLUORESCENT LIGHTING & ADD OCCUPANCY SENSORS	Y04	2002	10	EA	20	22	-2	\$250.00	\$ 2,500	\$ 2,655
VT	53	ES007	REPLACE FLUORESCENT LIGHTING & ADD OCCUPANCY SENSORS	X03	2002	15	EA	20	22	-2	\$250.00	\$ 3,750	\$ 3,982
VT	54	ES008	REPLACE FLUORESCENT LIGHTING & ADD OCCUPANCY SENSORS	X03	2002	12	EA	20	22	-2	\$250.00	\$ 3,000	\$ 3,186
VT	55	ES009	REPLACE FLUORESCENT LIGHTING & ADD OCCUPANCY SENSORS	Y04	2002	4	EA	20	22	-2	\$250.00	\$ 1,000	\$ 1,062
VT	56	ES010	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	X01	2002	1	EA	20	22	-2	\$250.00	\$ 250	\$ 265
VT	400	ES011	REPLACE WALL INDIRECT FLUORESCENT LIGHTING\CF DOWNLIGHTS AND ADD OCCUPANCY SENSORS	W05	2002	14	EA	20	22	-2	\$250.00	\$ 3,500	\$ 3,717
VT	401	ES012	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	680	2002	3	EA	20	22	-2	\$250.00	\$ 750	\$ 796
VT	401A	ES013	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	310	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
VT	401B	ES014	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	215	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
VT	402	ES015	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	310	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
VT	403	ES016	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	310	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
VT	403A	ES017	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	310	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
VT	404	ES018	REPLACE WALL INDIRECT FLUORESCENT LIGHTING\CF DOWNLIGHTS AND ADD OCCUPANCY SENSORS	W05	2002	41	EA	20	22	-2	\$250.00	\$ 10,250	\$ 10,884
VT	404A	ES019	REPLACE WALL INDIRECT FLUORESCENT LIGHTING\CF DOWNLIGHTS AND ADD OCCUPANCY SENSORS	W06	2002	20	EA	20	22	-2	\$250.00	\$ 5,000	\$ 5,309

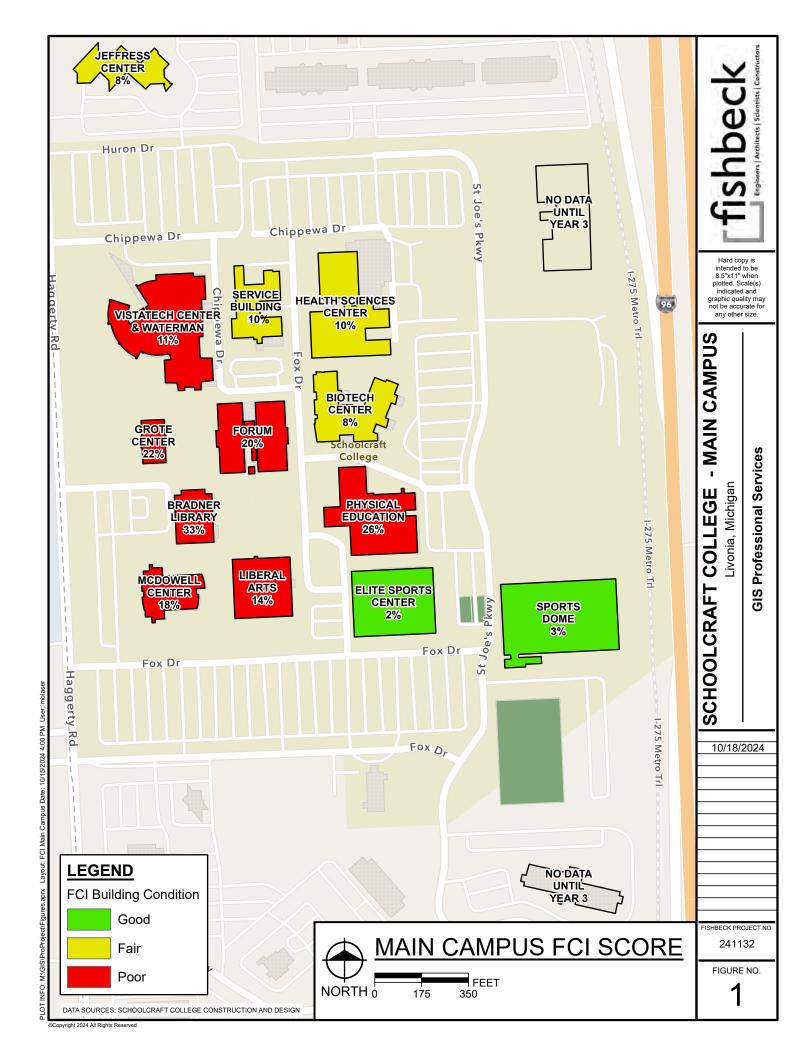
	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
LOC	AREA NO.	ITEM NO.	ITEM	FICM CODE	INTO SERVICE (ITALIC = ESTIMATED)	OUANTITY	ITEM UNITS	EUL (YRS)	IN USE (YRS)	RUL (YRS)	UNIT	ITEM FIRST COST	2 2025
VT	404B	ES020	REPLACE WALL INDIRECT FLUORESCENT LIGHTING\CF DOWNLIGHTS AND ADD OCCUPANCY SENSORS	W06	2002	25	EA	20	22	-2	\$250.00		
VT	405	ES021	REPLACE FLUORESCENT LIGHTING AND ADD OCCUPANCY SENSORS	110	2002	4	EA	20	22	-2	\$250.00	\$ 1,000	\$ 1,062
VT	406	ES022	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	315	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
VT	408	ES023	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	680	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
VT	410	ES024	REPLACE FLUORESCENT LIGHTING AND ADD OCCUPANCY SENSORS	215	2002	4	EA	20	22	-2	\$250.00	\$ 1,000	\$ 1,062
VT	415	ES025	REPLACE FLUORESCENT LIGHTING AND ADD OCCUPANCY SENSORS	310	2002	4	EA	20	22	-2	\$250.00	\$ 1,000	\$ 1,062
VT	415A	ES026	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	315	2002	1	EA	20	22	-2	\$250.00	\$ 250	\$ 265
VT	425	ES027	REPLACE FLUORESCENT LIGHTING AND ADD OCCUPANCY SENSORS	680	2002	4	EA	20	22	-2	\$250.00	\$ 1,000	\$ 1,062
VT	425A	ES028	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	685	2002	1	EA	20	22	-2	\$250.00	\$ 250	\$ 265
VT	425B	ES029	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	685	2002	1	EA	20	22	-2	\$250.00	\$ 250	\$ 265
VT	425C	ES030	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	685	2002	1	EA	20	22	-2	\$250.00	\$ 250	\$ 265
VT	434	ES031	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	310	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
VT	435A	ES032	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	685	2002	1	EA	20	22	-2	\$250.00	\$ 250	\$ 265
VT	435B	ES033	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	685	2002	1	EA	20	22	-2	\$250.00	\$ 250	\$ 265
VT	440	ES034	REPLACE FLUORESCENT LIGHTING AND OCCUPANCY SENSORS	680	2002	4	EA	20	22	-2	\$250.00	\$ 1,000	\$ 1,062
VT	440A	ES035	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	685	2002	1	EA	20	22	-2	\$250.00	\$ 250	\$ 265
VT	444	ES036	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	310	2002	1	EA	20	22	-2	\$250.00	\$ 250	\$ 265
VT	445	ES037	REPLACE FLUORESCENT LIGHTING AND OCCUPANCY SENSORS	110	2002	4	EA	20	22	-2	\$250.00	\$ 1,000	\$ 1,062
VT	446	ES038	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	680	2002	1	EA	20	22	-2	\$250.00	\$ 250	\$ 265
VT	450	ES039	REPLACE FLUORESCENT LIGHTING AND OCCUPANCY SENSORS	680	2002	4	EA	20	22	-2	\$250.00	\$ 1,000	\$ 1,062
VT	450A	ES040	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	685	2002	1	EA	20	22	-2	\$250.00	\$ 250	\$ 265
VT	500A	ES041	REPLACE FLUORESCENT, INCANDESCENT AND HID LIGHTING FIXTURES AND OCCUPANCY SENSORS	610	2002	34	EA	20	22	-2	\$250.00	\$ 8,500	\$ 9,026
VT	500B	ES042	REPLACE FLUORESCENT, INCANDESCENT AND HID LIGHTING FIXTURES AND OCCUPANCY SENSORS	610	2002	34	EA	20	22	-2	\$250.00	\$ 8,500	\$ 9,026
VT	500C	ES043	REPLACE FLUORESCENT, INCANDESCENT AND HID LIGHTING FIXTURES AND OCCUPANCY SENSORS	610	2002	61	EA	20	22	-2	\$250.00	\$ 15,250	\$ 16,194
VT	500D	ES044	REPLACE FLUORESCENT, INCANDESCENT AND HID LIGHTING FIXTURES AND OCCUPANCY SENSORS	610	2002	61	EA	20	22	-2	\$250.00	\$ 15,250	\$ 16,194

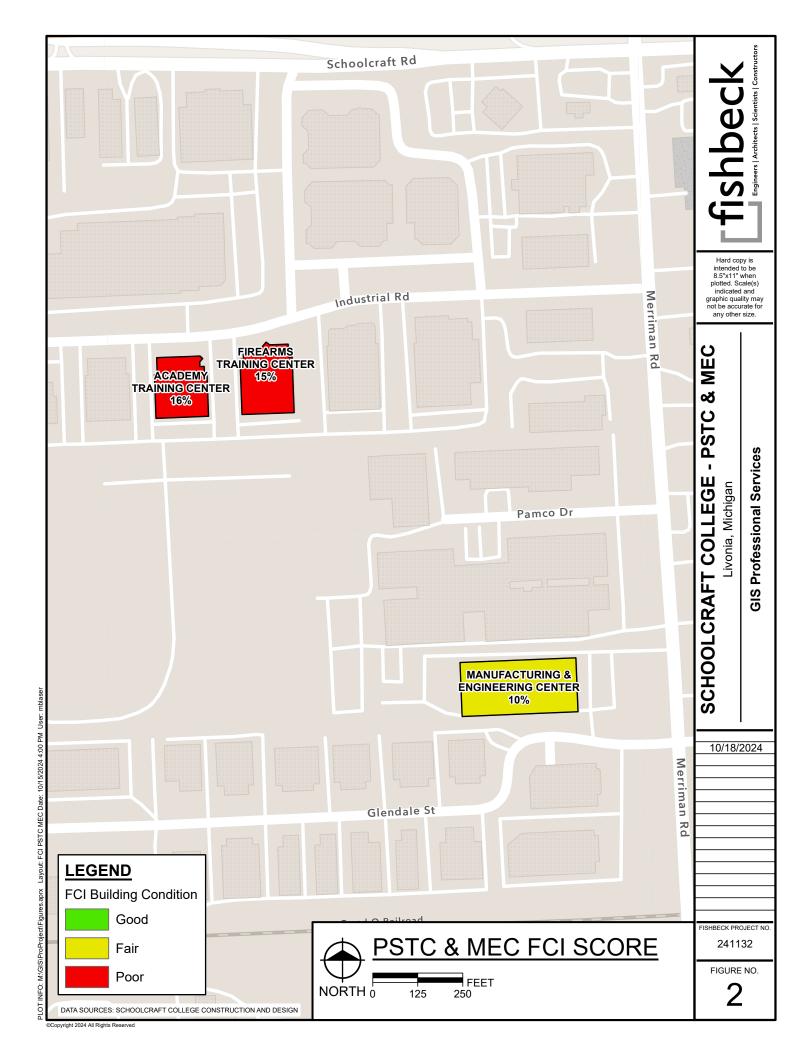
	ROOM/			51014	YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED MAINTENANCE PLAN YEAR
LOC	AREA NO.	ITEM NO.	ITEM	FICM CODE	INTO SERVICE (ITALIC = ESTIMATED)	ITEM TOTAL QUANTITY	ITEM UNITS	EUL (YRS)	IN USE (YRS)	RUL (YRS)	UNIT	ITEM FIRST COST	2 2025
VT	501	ES045	REPLACE FLUORESCENT LIGHTING & ADD OCCUPANCY SENSORS	615	2002	4	EA	20	22	-2	\$250.00	\$ 1,000	\$ 1,062
VT	550	ES046	REPLACE INCANDESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	610	2002	52	EA	20	22	-2	\$250.00	\$ 13,000	\$ 13,805
VT	551	ES047	REPLACE FLUORESCENT LIGHTING & ADD OCCUPANCY SENSORS	615	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
VT	5000	ES048	REPLACE FLUORESCENT AND HID LIGHTING AND OCCUPANCY SENSROS\DAYLIGHT HARVETSTING	W05	2002	54	EA	20	22	-2	\$250.00	\$ 13,500	\$ 14,335
VT	5001	ES049	REPLACE FLUORESCENT AND HID LIGHTING AND OCCUPANCY SENSROS\DAYLIGHT HARVETSTING	W06	2002	18	EA	20	22	-2	\$250.00	\$ 4,500	\$ 4,778
VT	5002	ES050	REPLACE FLUORESCENT AND HID LIGHTING AND OCCUPANCY SENSROS\DAYLIGHT HARVESTING	W06	2002	28	EA	20	22	-2	\$250.00	\$ 7,000	\$ 7,433
VT	VT-ST1	ES051	REPLACE FLUORESCENT LIGHTING	W07	2002	4	EA	20	22	-2	\$250.00		\$ 1,062
VT	VT-ST2	ES052	REPLACE FLUORESCENT LIGHTING	W07	2002	4	EA	20	22	-2	\$250.00	\$ 1,000	\$ 1,062
VT	VT-VEST-E1	ES053	REPLACE VESTIBULE LIGHTING AND ADD OCCUPANCY SENSORS	W06	2002	6	EA	20	22	-2	\$250.00	\$ 1,500	\$ 1,593
VT	VT-VEST-E2	ES054	REPLACE INTERIOR VESTIBULE LIGHTING AND ADD OCCUPANCY SENSORS	W06	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
VT	VT-VEST-N	ES055	VT MAIN STREET EXTERIOR ENTRANCE CANOPY LIGHTING	W06	2002	25	EA	20	22	-2	\$250.00	\$ 6,250	\$ 6,637
VT	VT-VEST-N	ES056	VT MAIN STREET INTERIOR VESTIBULE LIGHTING	W06	2002	6	EA	20	22	-2	\$250.00	\$ 1,500	\$ 1,593
VT	EXTERIOR-PATIO	ES057	VT ICE CARVING DECK LIGHTING	SSS18	2002	7	EA	20	22	-2	\$250.00	\$ 1,750	\$ 1,858
w	10	ES058	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	X03	2002	6	EA	20	22	-2	\$250.00		
W	12 15	ES059 ES060	REPLACE FLUORESCENT LIGHTING REPLACE FLUORESCENT LIGHTING	780 Y04	1965 1965	2 5	EA EA	20	59 59	-39 -39	\$250.00 \$250.00	\$ 500 \$ 1,250	\$ 531 \$ 1,327
			REPLACE ELECTRICAL INFRASTRUCTURE										
W	15	ES061	(MDP-1, 2, LP-X, CP-1, CP-2, ETC) REPLACE ELECTRICAL INFRASTRUCTURE	Y04	1965	6	EA	20	59	-39	\$25,000.00	\$ 150,000	\$ 159,283
w	15A	ES062	DP-CM, T-CM, ETC)	X01	1965	2	EA	20	59	-39	\$5,000.00	+,	\$ 10,619
W	15A	ES063	REPLACE INCANDESCENT LIGHTING REPLACE ELECTRICAL INFRASTRUCTURE	X01	1965	2	EA	20	59	-39	\$250.00	\$ 500	7
W	16	ES064	(CL-5,6)	Y04	1965	2	EA	20	59	-39	\$5,000.00	*	
W	16	ES065	REPLACE BROKEN LIGHTING	Y04	1965	2	EA	20	59	-39	\$250.00	\$ 500	\$ 531
w	17	ES066	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	X03	2002	6	EA	20	22	-2	\$250.00	\$ 1,500	\$ 1,593
w	19A	ES067	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	780	1965	6	EA	20	59	-39	\$250.00	\$ 1,500	\$ 1,593
w	19B	ES068	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	780	1965	1	EA	20	59	-39	\$250.00	\$ 250	\$ 265
w	20	ES069	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	X03	2002	4	EA	20	22	-2	\$250.00	\$ 1,000	\$ 1,062
w	21	ES070	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	X03	2002	4	EA	20	22	-2	\$250.00	\$ 1,000	\$ 1,062
w	22	ES071	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	X01	2002	1	EA	20	22	-2	\$250.00	\$ 250	\$ 265
w	23	ES072	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	780	2002	4	EA	20	22	-2	\$250.00	\$ 1,000	\$ 1,062
w	23A	ES073	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	Y03	2002	6	EA	20	22	-2	\$250.00	\$ 1,500	\$ 1,593
w	24	ES074	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	780	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
w	25	ES075	REPLACE ELECTRICAL INFRASTRUCTURE (CM- 2,CM-3,ETC)	Y04	1965	3	EA	20	59	-39	\$5,000.00	\$ 15,000	\$ 15,928
w	30	ES076	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	X03	1981	2	EA	20	43	-23	\$250.00	\$ 500	\$ 531

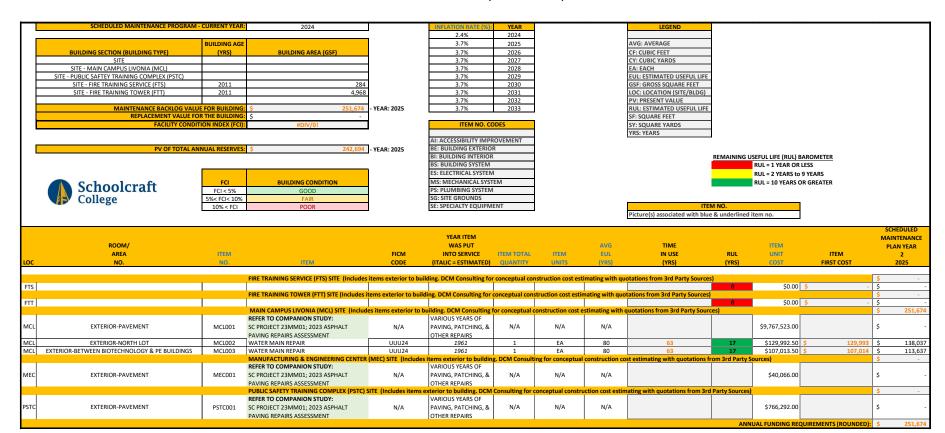
	ROOM/ AREA	ITEM		FICM	YEAR ITEM WAS PUT INTO SERVICE	ITEM TOTAL	ITEM	AVG EUL	TIME IN USE	RUL	ITEM UNIT	ITEM	SCHEDULED MAINTENANCE PLAN YEAR
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2 2025
w	31	ES077	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	X03	1981	2	EA	20	43	-23	\$250.00	\$ 500	\$ 531
w	32	ES078	REPLACE ELECTRICAL INFRASTRUCTURE; RP-D	Y04	1981	1	EA	20	43	-23	\$5,000.00	\$ 5,000	\$ 5,309
w	33	ES079	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
w	34	ES080	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	X01	2002	1	EA	20	22	-2	\$350.00	\$ 350	\$ 372
W	36	ES081	REPLACE DP-2	Y04	1981	1	EA	20	43	-23	\$5,000.00	\$ 5,000	\$ 5,309
W	36	ES082	REPLACE FLUORESCENT LIGHTING REPLACE ELECTRICAL INFRASTRUCTURE (CH-	Y04	1981	2	EA	20	43	-23	\$250.00	\$ 500	\$ 531
w	36	ES083	2, CL-3, ETC.)	670	2012	2	EA	20	12	8	\$250.00	\$ 500	\$ 531
W	37	ES084	REPLACE FLUORESCENT LIGHTING	Y04	1981	2	EA	20	43	-23	\$5,000.00	\$ 10,000	\$ 10,619
w	100	ES085	REPLACE ELECTRICAL INFRASTRUCTURE (CH-2, CL-3, ETC.)	670	2012	2	EA	20	12	8	\$25,000.00	\$ 50,000	\$ 53,094
w	100	ES086	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	670	2012	61	EA	20	12	8	\$250.00	\$ 15,250	\$ 16,194
w	100A	ES087	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	670	2010	9	EA	20	14	6	\$250.00	\$ 2,250	\$ 2,389
w	100B	ES088	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	670	2010	9	EA	20	14	6	\$250.00	\$ 2,250	\$ 2,389
w	101	ES089	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	670	2010	9	EA	20	14	6	\$250.00	\$ 2,250	\$ 2,389
W	101	ES090	REPLACE CL-7	670	2010	1	EA	20	14	6	\$5,000.00	\$ 5,000	\$ 5,309
w	120	ES091	REPLACE BROKEN LIGHTING AND ADD OCCUPANCY SENSORS	675	1965	3	EA	20	59	-39	\$250.00	\$ 750	\$ 796
w	121	ES092	REPLACE BROKEN LIGHTING AND ADD OCCUPANCY SENSORS	675	1965	1	EA	20	59	-39	\$250.00	\$ 250	\$ 265
w	139	ES093	REPLACE BROKEN LIGHTING AND ADD OCCUPANCY SENSORS	675	1965	3	EA	20	59	-39	\$250.00	\$ 750	\$ 796
w	139A	ES094	REPLACE BROKEN LIGHTING AND ADD OCCUPANCY SENSORS	675	1965	2	EA	20	59	-39	\$250.00	\$ 500	\$ 531
w	140	ES095	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	780	1965	2	EA	20	59	-39	\$250.00	\$ 500	\$ 531
w	150	ES096	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	2	EA	20	59	-39	\$250.00	\$ 500	\$ 531
w	151	ES097	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	2	EA	20	59	-39	\$250.00	\$ 500	\$ 531
w	152	ES098	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	2	EA	20	59	-39	\$250.00	\$ 500	\$ 531
w	153	ES099	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	3	EA	20	59	-39	\$250.00	\$ 750	\$ 796
w	155	ES100	REPLACE INCANDESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	2	EA	20	59	-39	\$250.00	\$ 500	\$ 531
w	156	ES101	REPLACE INCANDESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	2	EA	20	59	-39	\$250.00	\$ 500	\$ 531
w	157	ES102	REPLACE INCANDESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	2	EA	20	59	-39	\$250.00	\$ 500	\$ 531
w	161	ES103	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	6	EA	20	59	-39	\$250.00	\$ 1,500	\$ 1,593
w	162	ES104	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	6	EA	20	59	-39	\$250.00	\$ 1,500	\$ 1,593
w	163	ES105	REPLACE INCANDESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	1	EA	20	59	-39	\$250.00	\$ 250	\$ 265

	ROOM/ AREA	ITEM		FICM	YEAR ITEM WAS PUT INTO SERVICE	ITEM TOTAL	ITEM	AVG EUL	TIME IN USE	RUL	ITEM UNIT	ITEM	SCHEDULED MAINTENANCE PLAN YEAR 2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
w	164	ES106	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	3	EA	20	59	-39	\$250.00	\$ 750	\$ 796
w	165	ES107	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	2	EA	20	59	-39	\$250.00	\$ 500	\$ 531
w	166	ES108	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	4	EA	20	59	-39	\$250.00	\$ 1,000	\$ 1,062
w	169	ES109	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	675	1965	9	EA	20	59	-39	\$250.00	\$ 2,250	\$ 2,389
w	205	ES111	REPLACE INCANDESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	680	2002	18	EA	20	22	-2	\$250.00	\$ 4,500	\$ 4,778
W	300	ES115	REPLACE PANEL LP-A	635	1981	1	EA	20	43	-23	\$250.00	\$ 250	\$ 265
w	300	ES116	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	1981	46	EA	20	43	-23	\$250.00	\$ 11,500	\$ 12,212
w	COOLER-300A	ES117	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	1981	3	EA	20	43	-23	\$250.00	\$ 750	\$ 796
w	FREEZER-300B	ES118	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	1981	5	EA	20	43	-23	\$250.00	\$ 1,250	\$ 1,327
w	301	ES119	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	310	1981	2	EA	20	43	-23	\$250.00	\$ 500	\$ 531
w	302	ES120	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	310	1981	2	EA	20	43	-23	\$250.00	\$ 500	\$ 531
w	303	ES121	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	310	1981	2	EA	20	43	-23	\$250.00	\$ 500	\$ 531
w	304	ES122	REPLACE FLUORESCENT LIGHTING AND SWITCH WITH COMBINATION SWITCH\OCCUPANCY SENSOR	310	1981	2	EA	20	43	-23	\$250.00	\$ 500	\$ 531
w	305	ES123	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	1981	16	EA	20	43	-23	\$250.00	\$ 4,000	\$ 4,248
w	306	ES124	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	1981	15	EA	20	43	-23	\$250.00	\$ 3,750	\$ 3,982
w	310	ES125	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	1981	6	EA	20	43	-23	\$250.00	\$ 1,500	\$ 1,593
w	315	ES126	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	1981	6	EA	20	43	-23	\$250.00	\$ 1,500	\$ 1,593
w	320	ES127	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	1981	4	EA	20	43	-23	\$250.00	\$ 1,000	\$ 1,062
w	340	ES128	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	630	2002	55	EA	20	22	-2	\$250.00	\$ 13,750	\$ 14,601
w	345	ES129	ADD SWITCH AT ALTERNATE DOOR, REPLACE FLUORESCENT LIGHTING SYSTEM AND OCCUPANCY SENSORS	635	2002	10	EA	20	22	-2	\$250.00	\$ 2,500	\$ 2,655
w	350	ES130	REPAIR AND\OR REPLACE FLUORESCENT LIGHTING, ADD OCCUPANCY SENSORS	635	2002	6	EA	20	22	-2	\$250.00	\$ 1,500	\$ 1,593
w	355	ES131	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	635	2002	2	EA	20	22	-2	\$250.00	\$ 500	\$ 531
w	W-VEST-S1LL	ES132	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	W06	2002	10	EA	20	22	-2	\$250.00	\$ 2,500	\$ 2,655
w	W-VEST-S2LL	ES133	REPLACE FLUORESCENT LIGHTING SYSTEMS AND ADD OCCUPANCY SENSORS	W06	2002	10	EA	20	22	-2	\$250.00	\$ 2,500	\$ 2,655

	ROOM/				YEAR ITEM WAS PUT			AVG	TIME		ITEM		SCHEDULED  MAINTENANCE PLAN YEAR
	AREA	ITEM		FICM	INTO SERVICE	ITEM TOTAL	ITEM	EUL	IN USE	RUL	UNIT	ITEM	2
LOC	NO.	NO.	ITEM	CODE	(ITALIC = ESTIMATED)	QUANTITY	UNITS	(YRS)	(YRS)	(YRS)	COST	FIRST COST	2025
			BUILDING SYSTEMS (Fire, security, IT/media	infrastructure. DCM	Consulting for conceptua	l construction	cost estimating wit	th quotations fro	om 3rd Party Sources)				\$ 132,736
VT	12	BS001	CLOCK SYSTEM	780	2002	1	EA	20	22	-2	\$75,000.00 \$	75,000	\$ 79,642
VT	15	BS002	MAIN SWITCHBOARD, RECEPTACLE, LIGHTING & ELECTRICAL DISTRIBUTION SYSTEM	Y04	2002	1	EA	20	22	-2	\$10,000.00	10,000	\$ 10,619
VT	15	BS003	STANDBY GENERATOR AND TRANSFER SWITCHES	Y04	2003	1	EA	20	21	-1	\$10,000.00 \$	10,000	\$ 10,619
VT	15	BS004	SERVICE TRANFORMER	Y04	2002	1	EA	20	22	-2	\$15,000.00 \$	15,000	\$ 15,928
VT	65	BS005	VT BOILER EPO SYSTEM	Y04	2002	1	EA	20	22	-2	\$7,500.00	7,500	\$ 7,964
W	15	BS006	W BOILER EPO SYSTEM	Y04	2002	1	EA	20	22	-2	\$7,500.00	7,500	\$ 7,964
			SPECIALTY EQUIPMENT (Food service, theatr	e, labs, shops. DCM (	Consulting for conceptua	construction of	ost estimating wit	h quotations fro	om 3rd Party Sources)				\$ 352,515
W	1E ELEVATOR NO. 20146	SE001	ELEVATOR MAJOR MAINTENANCE	W02	1981	1	LS	4	43	-39	\$330,470.00 \$	330,470	\$ 350,922
w	345	SE002	FOOD SERVICE DISHWASHER REPLACEMENT	635	1986	1	EA	20	38	-18	\$1,500.00 \$	1,500	\$ 1,593
			ACCESSIBILITY IMPROVEMENTS (Building cod	les & ADA standards f	or accessible design. DC	M Consulting for	or conceptual cons	struction cost es	timating with quotations from 3	3rd Party Sourc	es)		\$ -
VT										0	\$0.00 \$	-	\$ -
									ANNUAL FUNDING	G REQUIREMEN	TS (ROUNDED):		\$ 9,009,750







# COMPANION STUDY 2023 ASPHALT PAVING REPAIRS ASSESSMENT - PLAN YEAR 2

College Site	Site Map Sheet No.	Category	Area No.	Subarea No.	Asphalt Surface Rating	Asphalt Repair Action	Asphalt Total Repair Cost - 2024	Concrete Repair Action	Concrete Total Repair Cost - 2024
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-1 (Jeffress Center)	PL-1B	5	Full depth replacement	\$ 248,972.80	Curb and gutter	\$ 12,847.20
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-1 (Jeffress Center)	PL-1C	7	Pavement patching	\$ 10,494.00	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-1 (Jeffress Center)	PL-1D	2	Full depth replacement	\$ 492,078.50	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-2 (North Parking Lot)	PL-2A	2	Full depth replacement	\$ 1,829,584.38	Curb and gutter	\$ 31,227.60
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-2 (North Parking Lot)	PL-2B	3	Full depth replacement	\$ 1,140,597.10	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-3 (South Parking Lot)	PL-3A	1	Full depth replacement	\$ 4,045,247.26	Curb and gutter	\$ 381.60
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-3 (South Parking Lot)	PL-3B	6	Crack sealing	\$ 23,346.50	Curb and gutter	\$ 254.40
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-4 (Sports Dome)	PL-4A	6	Crack sealing	\$ 2,151.80	Curb and gutter	\$ 763.20
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-4 (Sports Dome)	PL-4B	6	Crack sealing	\$ 154.76	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-6 (Physical Education)	PL-6	5	Full depth replacement Pavement patching	\$ 28,236.28	Curb and gutter	\$ 826.80
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-7 (Biomedical Technology Center)	PL-7	3	Full Depth replacement Pavement patching Crack sealing	\$ 1,481,409.36	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-8 (Liberal Arts)	PL-8	4	Pavement patching Crack Sealing	\$ 28,097.42	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-9 (Center Lot)	PL-9	4	Pavement patching Crack Sealing	\$ 36,385.56	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-10 (Bradner Library)	PL-10	5	Pavement patching Crack Sealing	\$ 14,966.14	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-11 (Vistatech Center / Guest Parking)	PL-11	9	Crack sealing	\$ 513.04	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-12 (Bookstore Lot)	PL-12	8	Crack sealing	\$ 2,532.34	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Parking Lots	PL-13 (Biomedical Technology Center)	PL-13	5	Crack sealing	\$ 156.88	Curb and gutter	\$ 636.00
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 1 (Vistatech Drive)	CR-1A	2	Full depth replacement Pavement patching	\$ 98,607.56	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 1 (Vistatech Drive)	CR-1B	9	Crack sealing	\$ 23.32	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 2 (St Joe's Parkway)	CR-2A	7	Crack sealing Crack repair	\$ 2,166.64	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 2 (St Joe's Parkway)	CR-2C	7	Crack sealing Pavement patching	\$ 134,217.20	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 2 (St Joe's Parkway)	CR-2D	7	Crack sealing Crack repair	\$ 2,983.90	None	\$ -

# COMPANION STUDY 2023 ASPHALT PAVING REPAIRS ASSESSMENT - PLAN YEAR 2

College Site	Site Map Sheet No.	Category	Area No.	Subarea No.	Asphalt Surface Rating	Asphalt Repair Action	Asphalt Total Repair Cost - 2024	Concrete Repair Action	Concrete Total Repair Cost - 2024
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 3 (Chippewa Drive)	CR-3A	7	Crack sealing	\$ 661.44	Curb and gutter	\$ 15,318.06
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 3 (Chippewa Drive)	CR-3B	2	Full depth replacement	\$ 217,260.78	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 4 (Fox Drive)	CR-4A	7	Crack sealing Pavement patching	\$ 9,721.26	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 4 (Fox Drive)	CR-4B	4	Crack sealing Pavement patching	\$ 28,332.74	Curb and gutter	\$ 190.80
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 4 (Fox Drive)	CR-4C	4	Pavement patching	\$ 30,237.56	Curb and gutter	\$ 3,816.00
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 4 (Fox Drive)	CR-4D	2	Crack sealing Pavement patching Full depth replacement	\$ 113,813.26	Curb and gutter	\$ 9,031.20
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 5 (Menominee Drive)	CR-5A	5	Crack sealing	\$ 521.52	Curb and gutter	\$ 6,349.40
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 5 (Menominee Drive)	CR-5B	5	Crack sealing	\$ 636.00	Curb and gutter	\$ 1,322.88
Main Campus Livonia (MCL)	C-1.1	Campus Roads	CR - 6 (Allegan Drive)	CR-6	4	Crack sealing Pavement patching Crack repair	\$ 120,419.18	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	\$ 19,671.48	Concrete pavement patching	\$ 2,204.80
Main Campus Livonia (MCL)	C-1.1	Utility Areas & Ramps	UA&R-2 (Service Building)	UA&R-2	6	Crack sealing	\$ 1,119.36	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Utility Areas & Ramps	UA&R-3 (Out Building Access)	UA&R-3	5	Crack sealing Pavement patching Full depth replacement	\$ 52,027.98	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Utility Areas & Ramps	UA&R-4 (McDowell Center Dock)	UA&R-4	2	Full depth replacement	\$ 29,474.36	Curb and gutter	\$ 2,035.20
Main Campus Livonia (MCL)	C-1.1	Utility Areas & Ramps	UA&R-5 (Lower Waterman Wing Ramp)	UA&R-5	8	Full depth replacement	\$ 18,516.08	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Utility Areas & Ramps	UA&R-6 (Upper Waterman Wing Ramp)	UA&R-6	1	Full depth replacement	\$ 303.16	None	\$ -
Main Campus Livonia (MCL)	C-1.1	Utility Areas & Ramps	UA&R-7 (Food Service Dock Area)	UA&R-7	8	None	\$ -	Concrete joint	\$ 275.60
Main Campus Livonia (MCL)	C-1.1	Utility Areas & Ramps	UA&R-8 (Jeffress Center Receiving Dock Ramp)	UA&R-8	8	None	\$ -	Concrete patching	\$ 454.74
Public Safety Training Complex	C-1.2	Satelite Locations	PSTC	PSTC (ATC)	1	Full depth replacement	\$ 90,193.28	None	\$ -
Public Safety Training Complex	C-1.2	Satelite Locations	PSTC	PSTC (FTC)	1	Full depth replacement	\$ 722,076.24	None	\$ -

# COMPANION STUDY 2023 ASPHALT PAVING REPAIRS ASSESSMENT - PLAN YEAR 2

College Site
Manufacturing &
Engineering
Center

	Site Map Sheet No.	Category	Area No.	Subarea No.	Asphalt Surface Rating	Asphalt Repair Action	Asphalt Total Repair Cost - 2024	Concrete Repair Action	Concrete Total Repair Cost - 2024
&	C-1.3	Satelite Locations	MEC	MEC	6	Crack sealing Pavement patching Full depth replacement	\$ 42,469.96	None	\$ -

# COMPANION STUDY 2023 MANHOLE AND CATCH BASINS ASSESSMENT - PLAN YEAR 2

Asset	Condition		Cost Estimate			Lot
Type	Rating	Recommended Repairs	- 2024	Engineer Notes	Structure Location	Identifier
Manhole	Good	Grout infiltration		aining at bottom of structure	Parking Lot	1C
Manhole	Fair	Repair pipe seal	\$1,680.00 Illitration st \$700.00 Brick failing a	•	Parking Lot	2A
Manhole	Good	Potential cleaning		ere are 2 bricks placed in underdrain inlet	Greenway	ZA
Manhole	Good	Grout joint		ent unit - minor infiltration stains at joint	Greenway	
Manhole	Fair	Potential cleaning		ortar blocking 50% of inlet pipe	Parking Lot	12
Manhole	Fair	Rebuild chimney, grass	\$1,400.00 Chimney is o		Greenway	12
Manhole	Good	Repair pipe seal		om underdrain pipe seal	Walkway	
Manhole	Good	Repair pipe seal		om underdrain pipe seals	Walkway	
Manhole	Good	Grout lift holes	\$700.00 No lift holes	• • • • • • • • • • • • • • • • • • • •	Roads	5A
Manhole	Fair	Replace MH, 4 ft dia, 0-8 ft, Pavement		ture with cracking and loose brick	Roads	4B
Manhole	Good	Cementitious liner		onfiguration; weeping infiltration on structure walls	Roads	6
Manhole	Poor	Potential cleaning		ng structure - no pipes visible	Roads	6
Manhole	Fair	Cementitious liner		on of wall; sediment & brick at the bottom of structure burying inlet and outlet pipes	Roads	6
Manhole	Good	Cementitious liner		up on walls and around outlet; some infiltration at bottom of structure	Roads	
Manhole	Good	Potential cleaning	\$100.00 Sediment bui	Idup in structure and sewer	Greenway	
Manhole	Fair	Potential cleaning	\$100.00 Manhole full	of water	Parking Lot	6
Manhole	Good	Cementitious liner	\$1,680.00 Mineral build	up all around structure; clean structure, and repair pipe seals	Parking Lot	6
Manhole	Fair	Rebuild chimney, pavement		ut it looks like the chimney needs work	Parking Lot	3A
Catch Basin	Good	Potential cleaning	\$100.00 Sediment and	grass at bottom of structure	Greenway	
Catch Basin	Good	Potential cleaning	\$100.00 Could clean of	ut leaves and grass clippings	Greenway	
Catch Basin	Good	Potential cleaning	\$100.00 Could clean of	ut grass clippings	Greenway	
Catch Basin	Good	Cementitious liner	\$1,680.00 Infiltration ar	ound structure	Parking Lot	10
Catch Basin	Good	Repair offset frame and cover, pavement	\$1,500.00 Offset rim		Parking Lot	3A
Catch Basin	Fair	Potential cleaning	\$100.00 Failing bricks	- cannot see pipes	Parking Lot	8
Catch Basin	Fair	Potential cleaning	\$100.00 Failing bricks	- cannot see pipes	Parking Lot	8
Catch Basin	Good	Repair pipe seal	\$1,400.00 Cracking arou	ind pipes	Parking Lot	7
Catch Basin	Good	Potential cleaning	\$100.00 Minor infiltra	tion; metallic object blocking outlet	Parking Lot	7
Catch Basin	Good	Grout joint below precast wall	\$700.00 Infiltration ur	der chimney between precast and block wall	Parking Lot	6
Catch Basin	Good	Repair pipe seal	\$700.00 Infiltration ar	ound chimney and pipe seals	Parking Lot	5
Catch Basin	Good	Potential cleaning	\$100.00 Cleanout stru	cture & pipes - underdrain partially crushed	Parking Lot	4B
Catch Basin	Good	Potential cleaning	\$100.00 25% Sedimer	t in underdrain inlet	Parking Lot	4B
Catch Basin	Good	Potential cleaning	\$100.00 Standing wat	er in structure - outlet 80% covered	Parking Lot	4A
Catch Basin	Good	Potential cleaning and repair pipe seals	\$1,400.00 Minor sedime	ent in pipes	Parking Lot	3B
Catch Basin	Unknown	Potential cleaning	\$100.00 Shallow struc	ture or filled with water?	Parking Lot	3A
Catch Basin	Fair	Cementitious liner	\$840.00 Brick deterio	ating & gaps in brick	Parking Lot	3A
Catch Basin	Good	Cementitious liner	\$840.00 Brick cracking	g & deterioration	Parking Lot	3A
Catch Basin	Fair	Cementitious liner	\$840.00 Loose brick 8	mortar failing	Parking Lot	3A
Catch Basin	Fair	Cementitious liner	\$840.00 Deteriorating		Parking Lot	3A
Catch Basin	Fair	Cementitious liner	\$1,680.00 Deteriorating	• • • • • • • • • • • • • • • • • • • •	Parking Lot	3A
Catch Basin	Fair	Cementitious liner & repair inlet pipes		& broken/failing inlet pipes with severe cracking	Parking Lot	3A
Catch Basin	Good	Cementitious liner	• /	om joints; slight chimney deterioration	Parking Lot	3A
Catch Basin	Good	Cementitious liner	\$1,680.00 Infiltration		Parking Lot	3A
Catch Basin	Good	Cementitious liner	\$1,680.00 Infiltration		Parking Lot	3A
Catch Basin	Fair	Rebuild chimney, pavement	\$2,700.00 Broken/missi		Parking Lot	3A
Catch Basin	Good	Cementitious liner		en base & chimney causing infiltration	Parking Lot	3A
Catch Basin	Fair	Rebuild chimney, pavement	\$2,700.00 Broken brick	•	Parking Lot	3A
Catch Basin	Good	Cementitious liner	\$1,680.00 Cracking arou		Parking Lot	3A
Catch Basin	Good	Potential cleaning	· · · · · · · · · · · · · · · · · · ·	ing from pipe; partially submerged pipes - not sure if blockage or detention downstream	Parking Lot	3A
Catch Basin	Fair	Cementitious liner and replace outlet pipe	\$1,540.00 Broken outle		Parking Lot	9
Catch Basin	Fair	Cementitious liner		and outlet and walls of structure - minor infiltration	Parking Lot	2B
Catch Basin	Fair	Rebuild chimney, pavement		en to bottom of structure - clean up and grout structure	Parking Lot	2B
Catch Basin	Fair	Cementitious liner		from structure - rebuild chimney	Parking Lot	2B
Catch Basin	Good	Rebuild chimney, pavement		ken brick and mortar at top of structure	Parking Lot	11
Catch Basin	Good	Potential cleaning	·	nlet 25% full of sediment	Parking Lot	7
Catch Basin	Good	Grout south wall joint at flat top	\$700.00 Infiltration st	aining	Parking Lot	7
Catch Basin	Fair	Rebuild chimney, pavement	\$2,700.00 Brick missing	20-111-21	Roads	4D
Catch Basin	Poor	Replace CB, 4 ft dia, 0-8 ft, pavement	\$5,900.00 Failing struct		Roads	6
Catch Basin	Fair	Cementitious liner	\$840.00 Big gaps in br	ick at bottom of structure	Roads	6

# COMPANION STUDY 2023 MANHOLE AND CATCH BASINS ASSESSMENT - PLAN YEAR 2

Asset	Condition	Recommended Repairs	Cost Estimate	Engineer Notes	Structure Location	Lot
Type	Rating	Recommended Repairs	- 2024	Engineer Notes	Structure Location	Identifier
Catch Basin	Good	Potential cleaning	\$100.00	Debris in structure - sediment in inlet	Roads	1C
Catch Basin	Good	Repair pipe seal	\$700.00	Infiltration around inlet pipe	Roads	2C
Catch Basin	Good	Rebuild chimney, pavement	\$2,700.00	Mortar failing around chimney	Roads	2D
Catch Basin	Good	Repair pipe seal and grout east wall joint at	\$1,400.00	Infiltration staining around pipe seals	Roads	2D
Catch Basin	Fair	Rebuild chimney, pavement and repair pipe	\$3,400.00	Exposed rebar in chimney & gap between wall & outlet pipe	Roads	2D
Catch Basin	Good	Potential cleaning	\$100.00	Outlet 50% submerged - is sewer blocked?	Roads	2D
Catch Basin	Good	Cementitious liner	\$1,680.00	Infiltration at joints	Roads	
Catch Basin	Good	Potential cleaning	\$100.00	Debris in structure & large joints in chimney	Roads	
Catch Basin	Good	Potential cleaning	\$100.00	Inlet pipe has some sediment	Roads	
Catch Basin	Good	Remove silt sack	\$100.00	Infiltration - grout structure & cleanout old inlet filter	Roads	
Catch Basin	Good	Rebuild chimney, pavement and repair pipe	\$3,400.00	Grout around pipes and missing brick in chimney	Roads	
Catch Basin	Fair	Cementitious liner	\$1,680.00	Hole in wall, may need to rebuild chimney; weeping infiltration	Roads	
Catch Basin	Good	Potential cleaning	\$100.00	Submerged pipes - not sure if blockage or detention downstream	Roads	4B
Catch Basin	Good	Potential cleaning	\$100.00		Roads	5A
Catch Basin	Fair	Repair offset frame and cover, pavement	\$1,500.00	Offset rim and exposed rebar	Roads	
Catch Basin	Good	Potential cleaning	\$100.00	North inlet 50% full of sediment; infiltration full perimeter from frame seal possibly	Roads	
Catch Basin	Fair	Rebuild chimney, pavement	\$2,700.00	Rebuild & reline chimney	Roads	3A
Catch Basin	Fair	Rebuild chimney, pavement and repair offse	\$2,700.00	Fix offset rim and rebuild chimney	Utility Area	6
Catch Basin	Fair	Rebuild chimney, pavement	\$2,700.00	Rebuild or grout chimney	Utility Area	5
Catch Basin	Good	Potential cleaning	\$100.00	Could clean out grass clippings	Utility Area	3
Catch Basin	Good	Repair pipe seal	\$700.00	Grout failing around inlet pipe	Utility Area	3
Catch Basin	Good	Potential cleaning	\$100.00	Structure cleanout - standing water and edge of pipe broken	Utility Area	3

# R.A. SCHETTLER, INC SUMMATION OF

Asset Acct: SCHOOLCRAFT COLLEGE

As of 10/1/24

## REAL ESTATE - BUILDING

Summary by:	Replacement Value New	Sound or Depr. Value
GROTE CENTER	5,852,500.00	3,101,800.00
HEALTH SCIENCE CTR	41,624,900.00	32,051,200.00
BRADNER LIBRARY	8,981,800.00	4,401,100.00
CAMPUS GARAGE	391,600.00	285,900.00
FORUM	25,629,200.00	12,302,000.00
LIBERAL ARTS	17,850,000.00	7,675,500.00
MCDOWELL CENTER	24,097,600.00	17,832,200.00
PHYSICAL EDUCATION/ESC	48,646,500.00	33,079,600.00
SERVICE BUILDING	12,110,000.00	7,387,100.00
WATERMAN CAMPUS/ VISTA TECH CENTER	84,619,600.00	65,157,700.00
GREENHOUSE	326,500.00	267,700.00
SALT STORAGE	262,800.00	194,500.00
KILN SHELTER	278,600.00	228,500.00
BIOMEDICAL TECH CTR.	22,225,400.00	18,447,100.00
FIRE TRAINING SERVICE	103,300.00	89,900.00
FIRE TRAINING TOWER	1,647,700.00	1,433,500.00

CONTINUED.....

# R.A. SCHETTLER, INC SUMMATION OF

## Asset Acct: SCHOOLCRAFT COLLEGE

As of 10/1/24

## REAL ESTATE - BUILDING

Summary by:	Replacement Value New	Sound or Depr. Value
ACADEMY	7,041,000.00	5,562,400.00
FIRE ARMS	11,603,400.00	9,514,800.00
JEFFRESS CENTER	38,216,500.00	27,113,700.00
MASCO	32,093,900.00	29,526,400.00
SOCCER DOME	9,732,900.00	8,954,300.00
MANUFACTURING AND ENGINEERING CENTER	16,821,300.00	15,139,200.00
LIVONIA MEDICAL CENTER	51,013,100.00	48,972,600.00

ASSET ACCOUNT GRAND TOTAL	461,170,100.00	348,718,700.00
PERCENT DEPRECIATION	х	

#### Fiscal Year 2026

## **Capital Outlay Major Project Request**

**Institution Name:** Schoolcraft College

Project Title: South Hub

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

**Type of Project:** New Construction

**Approximate Square Footage: 135,900** 

**Total Estimated Cost:** \$60,000,000

**Estimated Duration of Project:** 32 months

January 2027 Construction Phase Start (based on 12-month pre-construction phase)

June 2028 Construction Phase End – Structure Occupancy (based on 18-month duration)

September 2028 Construction Phase End – Site Landscaping (3-month duration)

Is the Five-Year Plan posted on the department's public Internet site? Yes

Is the requested project included in the Five-Year Capital Outlay Plan? Yes

## **Project Purpose**

- A. ADA improvements in classrooms and main circulation spaces.
- B. To create dedicated and additional spaces for life sciences, chemistry, and interdisciplinary studies.
- C. Address the current need for more biology and physics course offerings.
- D. A draw for community events as well as academic uses. A multi-purpose auditorium that can serve for theatrical performances, classroom activities, and large events like the Livonia Symphony.

- E. Common spaces for students to congregate and socialize. Chances for serendipitous collisions fostering synergy and innovative thought between persons of various academic disciplines.
- F. A Food court with subsidized offerings to combat food insecurity.
- G. Quiet study and collaborative spaces for students coupled with library resources and success coaching.
- H. More vibrant location for Student Activities headquarters. Better club space options and recreational areas within and at green area outside this building.
- I. Inclusivity improvements. Instructional spaces established with Universal Design for Learning (UDL).

  Toilet rooms using progressive, gender inclusive restroom design practices.
- J. Modern bookstore model with better access for students. One aspect being proximity to parking.
- K. See attached site concept plan for proposed South Hub massing.

## **Scope of the Project**

#### **New Structures:**

135,000 square feet, multi-story building.

900 square feet greenhouse.

### Site Work:

Site clearing that includes demolishing 45,475 square feet, single-story liberal arts building.

Site underground utilities (water; sanitary drainage; storm drainage; natural gas; thermal storage system chilled water; primary electrical; and technology systems infrastructure).

Final site grading, concrete walkways – some covered, and modified parking arrangement.

Through these strategic steps and phases, the project aims to modernize campus facilities, improve utility infrastructure, and enhance both academic and community spaces while maintaining operational continuity for affected courses and services.

#### A. Phase 1

- 1. Temporary relocation of courses hosted in Liberal Arts Building to other buildings, sites, and as virtual learning options in preparation for new building construction.
- 2. Identification and removal of hazardous materials in Liberal Arts (constructed 1967 & 1972).
- 3. Liberal Arts Building demolition and site preparation for new, South Hub building construction.
- 4. Reworking underground utilities for domestic water, sanitary drainage, natural gas, thermal storage chilled water loop, and primary electrical power.
- 5. South Hub building construction to point of legal Certificate of Occupancy.
- 6. Former Liberal Arts building courses occupy South Hub.
- 7. Cross-walking courses in Forum Building (i.e. sciences, arts) to South Hub.
- 8. Student Activities, Library, and Bookstore moves, from their respective buildings to South Hub.
- 9. Completion of site work (final grading, seeding & plantings, and modifications to walkways and parking).

## B. Phase 2

- 1. Identification and removal of hazardous materials in Forum Building (constructed 1963).
- 2. Demolish Forum Building, with associated greenhouse and kiln sheds, vacated from Phase 1.
- 3. Rebuild south exterior wall of thermal storage system pump house originally adjoined to Forum Building (aesthetic purpose).
- 4. Final grade, seed, and plant former Forum Building property thus expanding campus core green area established by Phase 1.

### **Program Focus of Occupants**

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

#### **Additional Information:**

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

- a. This project will house key programs in high-demand fields like healthcare, technology, engineering, and the arts, equipping students with skills for Michigan's workforce in both traditional industries in health, science and cultural sectors, plus emerging sectors such as media production and green technology.
- Careers in Health Sciences, such as Imaging and Surgical Technology, are high growth/highincome fields in Southeast Michigan and require specialized classroom and lab spaces in Biology and Chemistry.
- c. Renovated physics labs will provide future engineers with advanced training, supporting innovation within Michigan's automotive and other industries.
- d. New lab spaces for Earth and Environmental Sciences will allow students to engage in critical research relevant to Michigan's position near the Great Lakes, addressing regional environmental challenges.

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

- a. The South Hub will support Schoolcraft's core academic mission by providing versatile HyFlex classrooms, specialized labs, and advanced studios to enhance 36 disciplines in Liberal Arts & Sciences, and key Associate degrees (AA, AS, ABA, AGS) and transfer programs.
- b. All students pursuing an Associate's degree, Michigan Transfer Agreement (MTA), or occupational certificates must take Natural Science courses, which are currently limited by space. The South Hub will expand access to essential courses in Biology, Chemistry, Physics, and Earth & Environmental Sciences.

- c. New spaces will enable growth in Natural Science programming, including areas like green chemistry and climate science, and support labs for occupational programs such as Health Sciences.
- d. The Hub will facilitate future program innovations and transfer articulations in niche fields like Geographic Information Systems (GIS) and Sustainability.
- e. Expanded space will promote faculty and student-led research through initiatives like

  Honors study and directed research, which are currently constrained by space limitations.
- f. The South Hub will house state-of-the-art spaces for Fine and Performing Arts programs, including music, art, and theatre, providing students with hands-on experience in these disciplines.
- g. A dedicated theater/auditorium will host performances, lectures, and student productions, enriching the academic experience and promoting cultural engagement.
- h. The wraparound public art gallery will showcase student and faculty work, as well as professional exhibitions, positioning the College as a regional arts and culture hub.
- i. By integrating arts and culture into the academic environment, the South Hub will foster creativity, critical thinking, and collaboration among students, preparing them for leadership in Michigan's creative sectors.

Describe how the project will address, incorporate, or enhance any equity efforts, policies, or goals for the academic programs within the scope of the project or as a component of your institution and campus at large?

Schoolcraft College's inclusion, diversity, equity and access (IDEA) strategic plan objectives include enhancing access and success; inclusive teaching, learning, and scholarship; cultural engagement and competency; accountability and responsibility; and fostering community. These objectives will guide the South Hub project's development, ensuring it aligns with Schoolcraft College's commitment to diversity, equity, and access.

Enhancing Access and Success: Universal Design for Learning (UDL) guidelines will be in the South Hub's design to create diverse learning environments that support all students, ensuring equitable access to resources and facilities.

*Inclusive Teaching, Learning, and Scholarship*: Interdisciplinary collaboration will be fostered through shared spaces that encourage innovative interactions among students and faculty, promoting inclusive academic experiences.

*Cultural Engagement and Competency:* A multi-purpose auditorium will be used for cultural events and performances, enhancing community engagement, and celebrating diversity.

Accountability and Responsibility: The new building will enhance the Indoor Environmental Quality (IEQ), positively impacting the health and well-being of building occupants.

Fostering Community: Welcoming spaces, like the food court and gender-inclusive restrooms, aim to enhance student well-being and inclusivity, building a stronger campus community.

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

Yes

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

- a. This project repurposes site water, natural gas, and primary electrical utility services.
- b. Continued use of existing, south parking lot.
- c. Salvaging and repurposing of 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.

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

- a. Yes, in a couple of ways regarding Forum Building alone. One addresses a chemistry lab indoor air quality issue where chemical odors draw into adjacent spaces due to excessive negative room pressure when chemistry fume hoods are in full use. The second is mitigating fall risk of maintenance personnel who walk along tops of masonry walls and work from wood planks to service attic-mounted mechanical and electrical equipment.
- b. Asbestos containing materials present in Forum and Liberal Arts buildings will be eliminated.

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?

- a. Schoolcraft College utilizes EMS software, an enterprise-level scheduling solution, to optimize the use of rooms and facilities. The EMS system generates an Academic Utilization Report, providing detailed insights into space usage. These reports help assess room utilization, scheduling conflicts, and opportunities for better space management.
- b. High-demand and highly specialized courses such as Natural Sciences and Fine Arts currently face space limitations, leading to scheduling bottlenecks and student waitlists.
- c. The South Hub project will improve space management by offering versatile HyFlex classrooms that can be used for both virtual and in-person learning.
- d. These flexible spaces will allow for more course offerings, enabling students to enroll in classes that fit their schedules. By adding modern, adaptable learning environments, the South Hub will alleviate pressure on existing facilities, improving space utilization and better serving student needs.

e. The new labs and studios will support expanding programs like physics, biology, chemistry, and the performing arts, which currently lack sufficient space.

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

It is intended that this project, at minimum, would employ these fundamental principles of sustainable building:

- a. Optimizing Energy Use by high-efficiency HVAC systems; building envelope optimization (i.e., insulation, high-performance windows, air sealing); and energy efficient lighting and controls.
- Optimize Building Space and Material Use by flexible space design; maximizing occupation
  efficiency to reduce the building's overall footprint; and use of long-lasting building
  materials and finishes.
- c. Enhancing Indoor Environmental Quality (IEQ) through demand-controlled ventilation; low-emitting materials; and daylighting and outdoor views.

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

Yes, with matching resources from the College's General Fund reserves that will be increased by up to \$3 million annually, over the next five years, with deferred maintenance budget funds.

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 college does not have any plans or resources at this time that would reduce the State's share of 50% of the total cost for community college projects.

Will the completed project increase operation costs to the institution? If yes, please provide as estimate 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 proposed 135,000 square foot building replacing 99,366 square feet of existing space inventory from Forum and Liberal Arts buildings

#### **OPINION OF PROBABLE - ANNUAL OPERATING COSTS**

<b>Custodial &amp; Supplies</b>	\$3.38 / square foot (SF)
Utilities	\$4.00 / square foot (SF)
Maintenance and Supplies	\$2.67 / square foot (SF)
Insurance	\$0.16 / square foot (SF)
Security	\$3.82 / square foot (SF)
Composite	\$14.03 / square foot
<b>Annual Estimated Cost</b>	\$499,945 / year (135,000 SF added - 99,366 SF removed)
<b>Five-Year Estimated Cost</b>	\$2,499,725

coming offline.

The college receives free natural gas from an oil well on its main campus that helps offset gasfired utility use and/or rate increases.

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

Tuition costs will increase with this project. The extent of which is undetermined at present.

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

If this project was not authorized, Schoolcraft College, its students, as well as the community, would be affected for these primary reasons.

- a. ADA compliance issues with structures. Examples are excessively steep, ramped corridor floors in Forum Building and Liberal Arts Building faculty office bays having wheelchair door clearance and turn-around space issues.
- b. Instructional spaces unsuitable for Universal Design for Learning (UDL).
- c. Insufficient biology and chemistry lab sections to meet the demands of Nursing and expanding health science programs (ultrasound, radiology, surgical tech). Worsened by program relocations to Main Campus (medical assisting, HIT, EMT) from a closed satellite center.
- d. Existing Forum and Liberal Arts classrooms are too small for modern teaching methods and lack flexible furniture, instructional technology, and sufficient power sources for student devices.
- e. Insufficient instructional spaces for emerging environmental science programs.
- f. Outdated assembly spaces that limit opportunities for hosting community events.
- g. Student Activities greater visibility; achieving club room needs; and having identifiable outdoor green space for seasonal events.

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

There is no project alternative.

