

## MATC District Board Workshop Friday, September 24, 2021–11:00 a.m.

**NOTICE IS GIVEN** that the Milwaukee Area Technical College District Board will meet in open session **via teleconference. Public may access the meeting using this link**:

https://www.youtube.com/channel/UCW5-3zdM1QKW0Z-A6XgbcmA/ This is notification that the meeting will be recorded.

Estimated			
Time		Agenda Items*	Presenter(s)
11:00 a.m.	1.	Call to Order	Board Chair
		a. Roll Call	
		b. Compliance with the Open Meetings Law	
11:05 a.m.	2.	Discussion Item	
11.03 0		a. Ten Year Facilities Master Plan	VP General Counsel
12:45 p.m.	3.	Adjournment	Board Chair

#### Education that transforms lives, industry, and community

Reasonable accommodations are available for individuals who need assistance. Please call 414-297-6719 to schedule services at least 48 hours prior to the meeting.

<sup>\*</sup>This workshop is for board information and educational purposes. Members of the MATC District Board will not be taking any action at this meeting.

# MILWAUKEE AREA TECHNICAL COLLEGE

#### TEN YEAR FACILITIES MASTER PLAN

















# **INTRODUCTION & WELCOME**



# **AGENDA**

- Overview of Current Facilities/Infrastructure
- Funding Vehicles for Construction/Remodeling Projects
- Why a Facilities Master Plan
- Planning Process 3 Phases
- Recommendations
  - Classrooms and Labs
  - Office Spaces
  - Interior Common Spaces
  - Outdoor Spaces
- Future Roadmap





## **CURRENT STATE - BUILDINGS & INFRASTRUCTURE**

#### **MATC Existing Facilities District Profile:**

- 375.63 acres
- 20 buildings
- 4 leased facilities
- 2,735,461 square feet
- \$258,128,584 market valuation

The average age of campus buildings is 56 years. Campuses were built during the following date ranges:

- Walker's Square 1890-1965
- Milwaukee 1917-1996
- West Allis 1937-1997
- Mequon 1976-1979
- Oak Creek 1976-2008

<u>Note:</u> Buildings 50+ years old cost between 10 and 20% more to operate than new facilities according to statistics from the International Facilities Management Association (IFMA) in terms of janitorial, maintenance and utilities.





# WHAT FUNDING VEHICLES EXIST FOR FINANCING CONSTRUCTION & REMODELING PROJECTS?

**Bond issuances**: State statutes allow \$1.5M per month of bonds to be issued. Annual limit of \$18 Million. Each PROJECT is also limited to \$1.5M (unless grants/gifts/ federal dollars are added).

**Referendum:** Special request via election ballot to the district's taxpayers to request borrowing additional fund to support capital projects increasing the annual property tax by a specified percentage within a defined timeframe. This additional tax is typically above the existing debt service mill rate.









## WHY IS A FACILITIES MASTER PLAN NEEDED?

#### **Strategic Visioning:**

- Strategic prioritization of projects is critical for future long-term visioning
- Managing stakeholder requests to avoid reactionary projects lacking grounded vision
- Need to increase community connectivity, engagement & partnerships; share resources including space for added efficiencies and less duplicative services
- Levering limited funding to produce greatest return
- Creating consistent branding opportunities throughout the District
- Remaining relevant and competitive in our region

#### **Student Success:**

- Sequencing and planning of projects for greatest impact on student success
- Increased student demand for welcoming and inclusive spaces that connect them with holistic support (e.g., food insecurities, mental health issues, technology divide)
- Reconfiguring of spaces and classrooms to modernize and facilitate student informal learning
- Adjusting space needs to support expansion and contraction of programs
- Expanding hybrid and flex classrooms/spaces to reflect changing learning environment based on data and industry trends





# **PLANNING PROCESS - 3 PHASES**

- LISTEN
- DISCOVER
- DESIGN





## **PLANNING PROCESS - LISTEN**

- 5 student & stakeholder campus town hall meetings
- 7 academic pathway input sessions
- 8 electronic stakeholder surveys
- 5 campus tours and input sessions led by facilities staff
- 4 campus leadership input sessions
- 12 steering committee workshops (cross representation of the above)



## **PLANNING PROCESS - DISCOVERY**

#### Environmental Scan

Real Estate Market Analysis

## Industry Trends/Best Practice

Benchmarking Peer Institutions & Publications Regionally and Nationally

## Data Collection - Quantitative & Qualitative Projections

- 10-year Enrollment Projections
- Academic Program Projections Based on Job Demand (Academic Master Plan)
- Student Demand and Demographic Data
- Competitive Positioning





## **DISCOVERY - DATA INFORMED DECISIONS**

#### **Enrollment Projections**

 Declining 10-year enrollment without strategic intervention

#### **Programs with Highest Growth Potential**

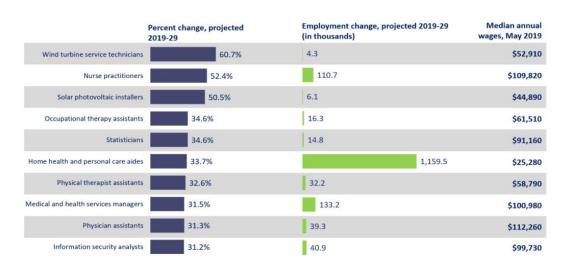
- Healthcare related programs
- Protective services
- General education
- Online Courses

#### **Other Opportunities**

- Sports
- Health and wellness
- Arts

	Direct from High School Year 2021 - 2030 Difference	Transfer 2021 - 2030 Difference	Adult 2021 - 2030 Difference
Multiple	-6%	0%	-5%
Mequon	-6%	-6%	-4%
Milwaukee	-5%	-4%	-6%
Oak Creek	-4%	-8%	-5%
West Allis	2%	-5%	-3%

#### 6 of the 10 Fastest Growing Occupations are Related to Healthcare







## PLANNING PROCESS - DESIGN

## **Guiding Principles of Design**

- Foster a vibrant and welcoming community
- Improve the community's overall perception of MATC
- Develop a consistent brand across all campuses
- Tailor student services to specific needs and organize the campus functions to support a guided pathway model
- Plan for a sustainable and resilient future
- Support MATC's value of Inclusion, WE CARE standards, Equity & Inclusion statement, and Student Experience Statement







## **ACADEMIC PLANNING: SPACES & LOCATIONS**



PRIMARY ENTRANCE FOR NEW STUDENTS, EXISTING STUDENTS.

Classroom Space Reduction Diagram Accommodating a Balance of Normal and Blended

- Student choice to attend classes in person or virtually
- Asynchronous Learning (Accessed at any time)
- Campus public space for students to attend virtual lectures/classes

Blended learning environments (virtual lectures / hands-on labs)

- State-of-the-art Labs that reflect the work environment
- Functioning clinics, spas, restaurants, etc. as training environments
- Simulated learning environments (scheduled and non-scheduled)
- Flexible classrooms for Active Learning
- Individual moveable student tables (versus 2 per table)
- Labs and lecture in the same room (perimeter benching)
- Cubbies for student belongings while on campus (not in hallways)

Space needs for traditional general-purpose lecture halls and classrooms where all students attend in-person are projected to <u>decrease</u> by as much as 50% over the next 10 years. Space savings can be converted to Flex-Classrooms and other student and faculty amenities



## **ACADEMIC PLANNING: TECHNOLOGY ENABLED ENVIRONMENTS**



- Pathway leadership virtually accessible to students, any campus
- Recorded lectures for access at any time, anywhere.
- Full incorporation of wireless technology (laptops versus desktops)
- Introduction of simulators for training (web-based)
- Faculty technologically available to students, virtual environment
- Provide ability to broadcast lessons live from remote (faculty office)
- WiFi connectivity everywhere on every campus
- Virtual open houses and video tours.
- Digital wayfinding systems with touchscreen interface
- Remote access to powerful workstations for virtual learning

Student Choice to Attend In-Person or Remotely



## OFFICE SPACE RECOMMENDATIONS

#### **Recommendation #1: Spatial Efficiencies**

- Mixture of assigned/unassigned open office workstations
- Private enclaves for confidentiality
- Faculty / student lounge areas

#### Recommendation #2: Extend Student/Teacher Relationship

- Meet the students where they are
- Distribute offices throughout academic buildings
- Create huddle spaces near classrooms

#### **Recommendation #3: Diverse Work Options**

- Recognize the varying demands on faculty members
- Create a palette of multiple work options
- Provide in same or less space than the traditional office

#### Recommendation #4: Add Neutral Space

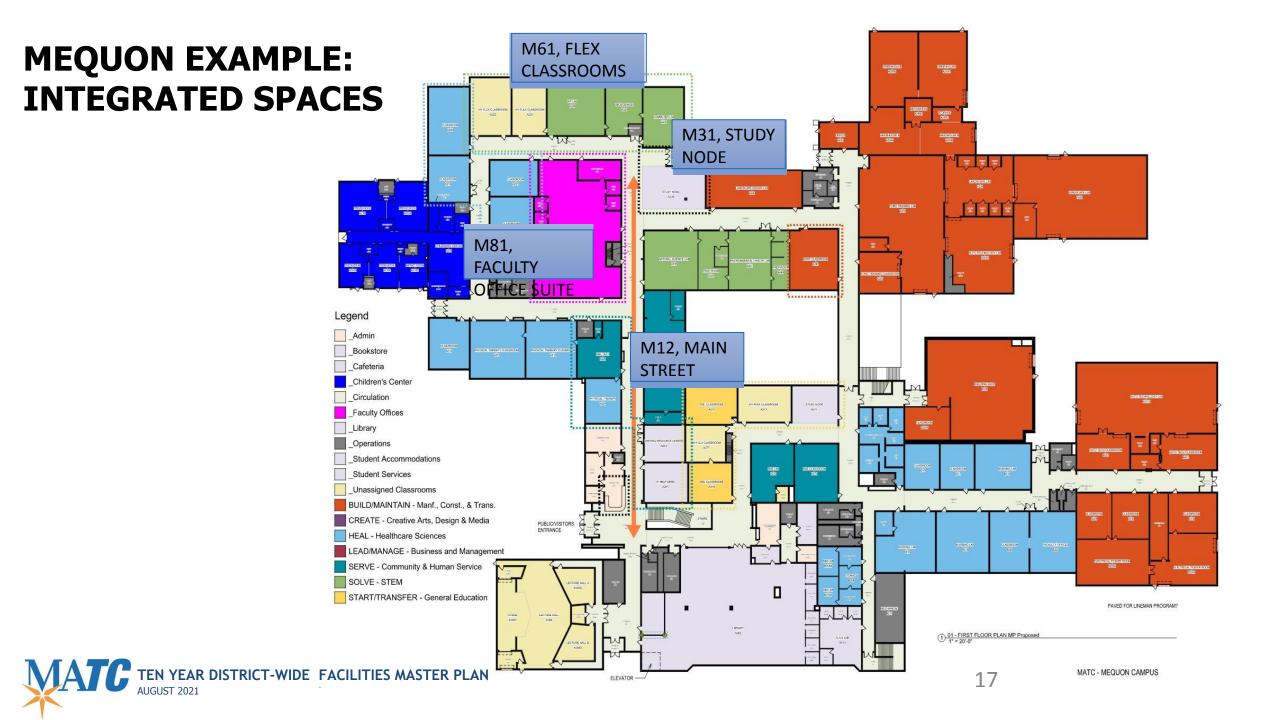
- "Third Place" strategy
- Spaces where faculty and students overlap in daily activities







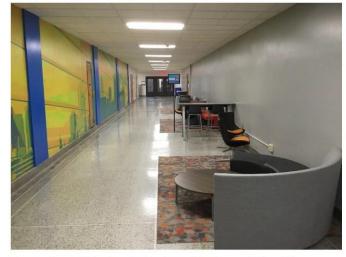




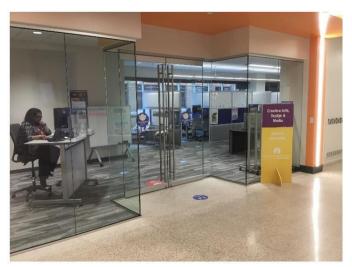


# INTERIOR SPACE RECOMMENDATION #1:

- INTERIOR DESIGN STANDARDS
- Bright, Inviting, and Comfortable
- Articulated Circulation with Visual Interest
- High Quality, Easily Maintained Finishes
- Focus on Wellness
- Activate Corridors and Bridges
- Consistently Organized Hubs
- Introduce Transparency Into Programs
- Create Collaboration Zone Alcoves



**Example of Existing Articulated Activated Corridor** 



**Example of Existing Effective Interior Transparency** 



**Example of Existing Unarticulated Corridor** 



**Example of Effective Existing Collaboration Zone** 





#### **INTERIOR SPACE RECOMMENDATION #2: WAYFINDING**

- Manage current over-reliance on signage by introducing reinforcing wayfinding strategies such as accent materials and color, along with intuitive, repetitive space planning.
- **Digital wayfinding systems** with touchscreen interface at each primary entrance
- Integrated access to daylight making use of the exterior as an anchor point while navigating a building
- Emphasize circulation intersections with additional signage and visual cues at wayfinding decision points
- Transparency and sight lines amongst interior spaces
- Progressive messaging from broad categories at the entry to more detailed descriptions deeper into a building

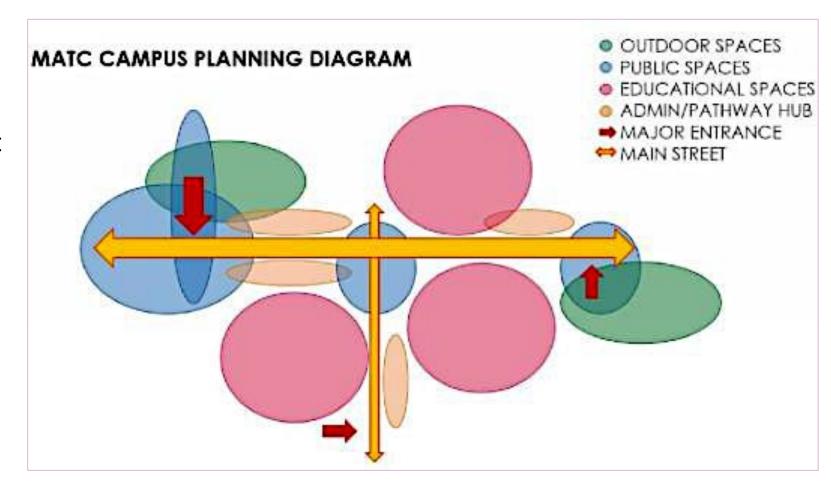






#### **INTERIOR SPACE RECOMMENDATION #3: CREATE MAIN STREETS & HUBS**

- Activate Public Zones for Improved Interaction
- Improve Efficiency of Movement
- Promote Intuitive Wayfinding
- Consolidate Brand Experiences
- Accent Finishes to Highlight Nodes of Activity
- Connect to Outdoor Entrances and Activity Zones
- Phase into Feasible Budget
   Cycles for Brand Alignment





## **CAMPUS HUBS**

Centers for Community Life on Campus

Food, Student Services, Recreation





### INTERIOR SPACE RECOMMENDATION #4: INTEGRATED SERVICES

- Comfortable Furniture with Power / USB Plug-Ins
- Variety of Spaces for Concentrated Study or Informal Collaboration
- Co-Located and Integrated with Student Amenities (Library, IT, Admissions, Food Service, Faculty Offices)





Open and Semi-Private Community Zones for Individual Study and/or Collaboration

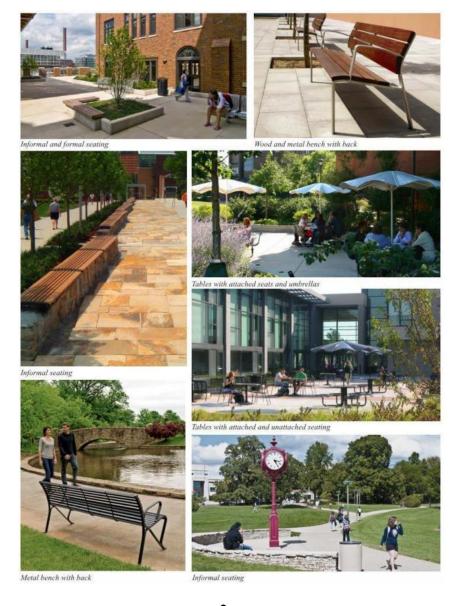






#### **OUTDOOR RECOMMENDATION #1: FOSTER A VIBRANT CAMPUS COMMUNITY**

- A welcoming campus: A sense of arrival & a front door
- A sense of place and public realm: Outdoor living rooms
- "Every Space a Learning Space": Outdoor teaching spaces
- Designing for the pedestrian
- Improve parking options
- Enhance alternative transportation options
- Walking trails and paths (both urban and suburban)
- Green roofs where practical
- Outdoor patios where possible
- Capitalize on outdoor views



#### **OUTDOOR RECOMMENDATION #2: COMMUNITY CONNECTIVITY**

- MATC Branded Community History and Culture Displays
- Community Artwork Integration
- Visibility Into MATC's Community Role
- Community Space at Each Campus

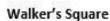


Milwaukee



West Allis







Mequon



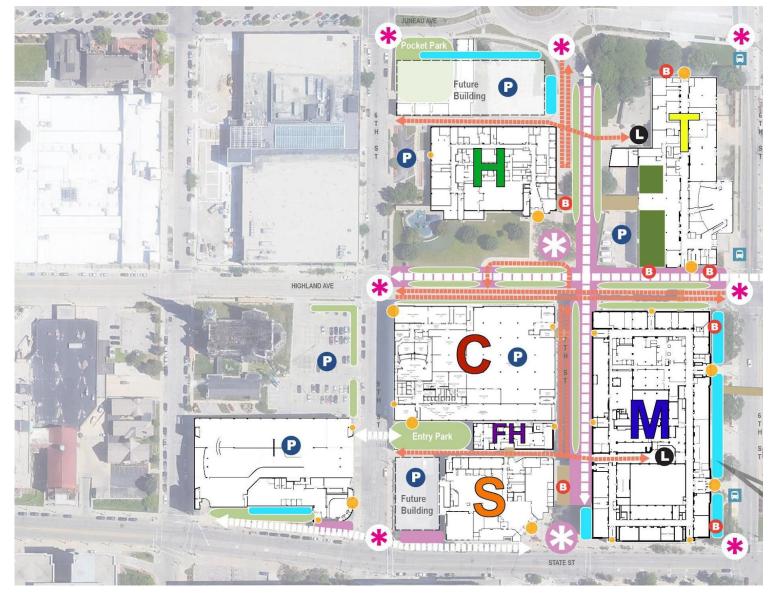
Oak Creek



## **OUTDOOR RECOMMENDATION #3: CLEAR & WELCOMING ENTRANCES**



- Streets Favoring Pedestrians
- Pocket Parks
- Pedestrian Malls
- Street Edge Gathering
- Interconnected Storefronts



#### **OUTDOOR RECOMMENDATION #4: STOREFRONTS**

- View Portals Into Programs
- Brand Expression at a Glance
- Connected to Established Sidewalk Systems
- Connected to Outdoor Amenities
- Welcoming the Community In









University Square, UW Madison





## **FUTURE ROADMAP**

- Allows for Future Project Prioritization, Planning and Sequencing
- Visioning and Priorities for new buildings and major renovations for referendum consideration
- Meeting Financial Limitations
- Identification of Future Reduction of Buildings and Infrastructure
  - Current Planning Reduction of Infrastructure
    - Building on 8<sup>th</sup> and Juneau
    - Downtown A Building 9,100 sq. ft.
    - ➤ West Allis A Building 21,330 sq. ft
    - ➤ Health Education Center (Lease expiring Sept. 2022) 45,000 sq. ft.
- Future Divestiture of other square footage





## PROJECTS COMPLETED & UNDERWAY IN SUPPORT OF PLAN

Downtown S Building Master Plan (1<sup>st</sup> and 3<sup>rd</sup> floors under construction)

**Pathway Offices** 

**Corridor Improvements** 

**Study Nodes** 

Wayfinding

**Connected Classrooms** 

**Community Spaces** 

**Sustainability Projects** 

- Pocket Park
- T Building Green Roof



# REMODELS, ADDITIONS & NEW CONSTRUCTION

## **Downtown Series - Recommended Phased Annual Projects**

- D-10 Renovation of Building C auditorium: Broadcasting/Media capability
- D-20 Building C as a center of the CREATE pathway:
- D-30 Storefront creation at first floor of M Building
- D-40 Foundation/Workforce Development in existing bookstore location
- D-50 Expand public Third Space throughout campus, focusing on intersections and bridges
- D-60 Renovate existing general-purpose classrooms to support Hybrid/Flexible learning
- D-70 Information Commons: Library and IT
- D-80 Campus Hub: Bookstore, Food Service, Student Services
- D-90 Faculty offices: Hybrid workplace, spaces for faculty-student meetings.

Total Cost = \$21,739,500





# REMODELS, ADDITIONS & NEW CONSTRUCTION

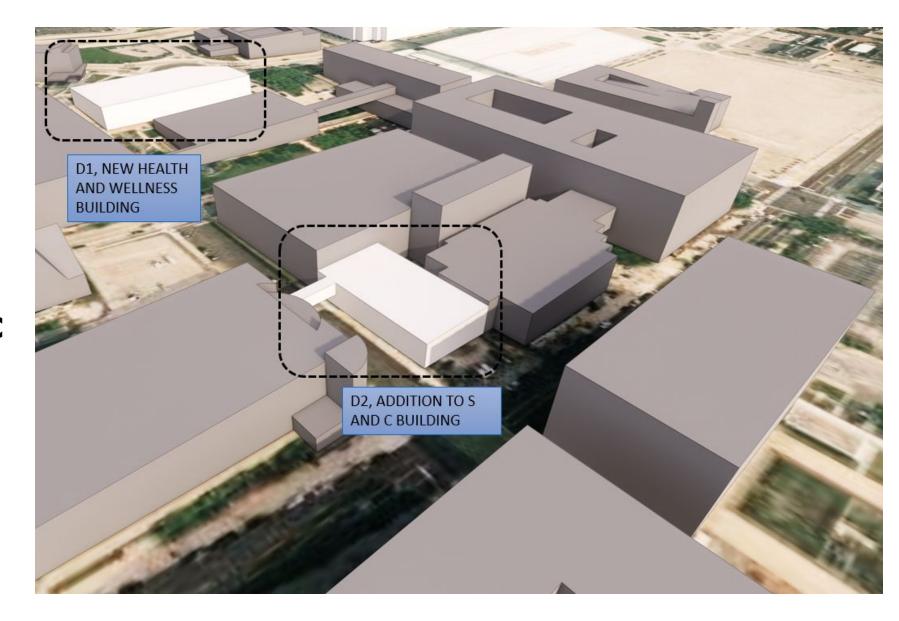
Downto	Total Project Budget	
D-1	Sports, Health, and Wellness facility on 8 <sup>th</sup> and Juneau lot	37,800,000
D-2	Addition to S and C Buildings at 8 <sup>th</sup> and State	22,500,000
D-3	Expand parking with a new structured parking solution	23,625,000
D-4	Improve the pedestrian experience with outdoor public spaces	21,600,000
	Sub-Total	105,525,000



## **MAJOR PROJECTS**

## **DOWNTOWN**

- Sports, Health and Wellness Center
- Addition to S and C Building





#### **OAK CREEK- RECOMMENDED PROJECTS**

#### **Phased Annual Project Series:**

0	0-10	Relocate SERVE pathway	classrooms to create	better adjacencies and	increase synergy
				•	, ,,

- O-20 Renovate existing general-purpose classrooms to support Hybrid/Flexible learning
- O-30 Create Third Spaces at major intersections along Main Street connected to exterior spaces
- O-40 Create BUILD or SERVE Pathway Hub
- O-50 Reconfigure parking to support the Drive | Park | Walk paradigm
- O-60 Provide a field house with adjacency to the athletic fields and protective services
- O-70 Shooting Range expansion
- O-80 Campus Hubs: Bookstore, Food Service, Student Services, Information Commons, Library, IT
- O-90 Faculty offices: Hybrid workplace, spaces for faculty-student meetings.

#### Large Capital Project Series:

- O-1 Provide a dedicated Protective Services center of excellence building
- O-2 Parking and Driveway Reconfigurations

Total Cost = \$ 46,800,000

Total Cost = \$ 19,237,500





## **MAJOR PROJECTS**

## **OAK CREEK**

Protective Services
 Center of Excellence





## **MEQUON - RECOMMENDED PROJECTS**

#### Phased Annual Project Series:

- M-10 Improve the quality of public space throughout the campus by enhancing the 'Main Street'
- M-20 Expand Spa and Aesthetician public offerings along the public Main Street.
- M-30 Create Third Spaces at major intersections along Main Street connected to exterior spaces.
- M-40 Create HEAL Pathway Hub
- M-50 Bike rack with green roof
- M-60 Renovate existing general-purpose classrooms to support Hybrid/Flexible learning
- M-70 Campus Hubs: Bookstore, Food Service, Student Services, Information Commons, Library, IT
- M-80 Faculty offices: Hybrid workplace, spaces for faculty-student meetings.

Total Cost \$10,084,000

#### Large Capital Project Series:

- M-1 EVOC Driving Track and Burn Tower
- M-2 New Healthcare building
- M-3 Reconfigure parking to support the Drive | Park | Walk paradigm

Total Cost \$55,620,000

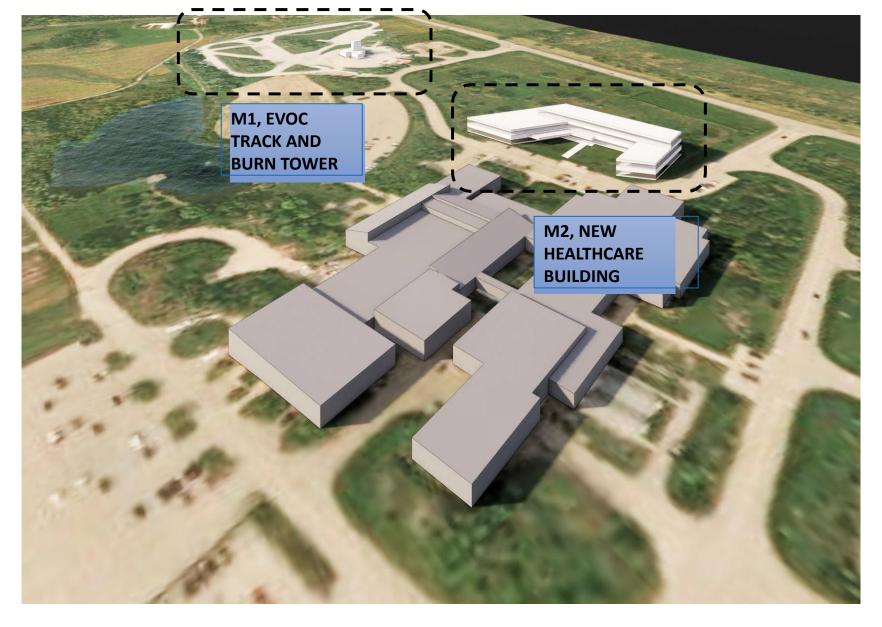




## **MAJOR PROJECTS**

# **MEQUON**

- EVOC Driving TrackAnd Burn Tower
- Healthcare Center





#### **WEST ALLIS - RECOMMENDED PROJECTS**

### Phased Annual Project Series:

- WA-10 Vacate existing A building, move welding to Walkers Square
- WA-20 Funeral Services Options:
- WA-30 Renovate existing general-purpose classrooms to support Hybrid/Flexible learning
- WA-40 Information Commons: Library and IT
- WA-50 Campus Hub: Bookstore, Food Service, Student Services
- WA-60 Faculty offices: Hybrid workplace, spaces for faculty-student meetings.

Total Cost \$7,818,750

## **Large Capital Project Series:**

WA-1 Option to Divest of the West Allis Campus

**TBD** 





## **ANNUAL PROJECTS**

## **WEST ALLIS**



### **WALKER'S SQUARE- RECOMMENDED PROJECTS**

## Phased Annual Project Series:

- WS-10 Expand welding
- WS-20 Improve Street Frontage on National and 9<sup>th</sup> Street
- WS-30 Expand ESL and Adult High School programs
- WS-40 Relocate sewing and upholstery programs

Total Cost \$3,987,000

## Large Capital Project Series:

- WS-1 Option A Full Demolition and Redevelopment of Site
- WS-2 Option B Historic Restoration of the Corner Building

Total Cost \$104,400,000

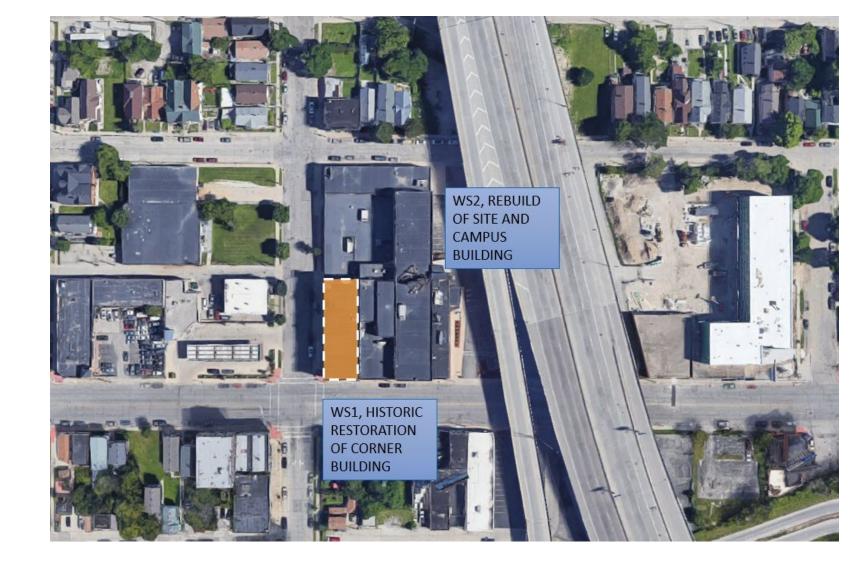




# MAJOR PROJECT OPTIONS

## **WALKER'S SQUARE**

- Historic Restoration of Corner Building
- Rebuild of Site and Campus Building





## **TOTAL MASTERPLAN BUDGET = \$382,000,000 OVER 10 YEAR PERIOD**

#### **Large Capital Projects**

Downto	wn Campus Large Capital Projects		Total Project Budget
D-1	Sports, Health, and Wellness facility on 8 <sup>th</sup> and Juneau lot		37,800,000
D-2	Addition to S and C Buildings at 8 <sup>th</sup> and State		22,500,000
D-3	Expand parking with a new structured parking solution		23,625,000
D-4	Improve the pedestrian experience with outdoor public sp	aces	21,600,000
		Sub-Total	105,525,000
Oak Cre	ek Campus Large Capital Projects		Total Project Budget
0-1	Provide a dedicated Protective Services center of excellen	ce building	22,500,000
0-2	Parking and driveway reconfigurations		24,300,000
	, , , , , , , , , , , , , , , , , , , ,	Sub-Total	46,800,000
Mequon	Campus Large Capital Projects		Total Project Budget
M-1	EVOC Driving Track and Burn Tower		7,020,000
M-2	New Healthcare building		37,800,000
M-3	Parking and driveway reconfigurations		10,800,000
		Sub-Total	55,620,000
West All	is Large Capital Projects		Total Project Budget
WA-1	Option to divest campus over time		6,840,000
		Sub-Total	6,840,000
Walker's	s Square Large Capital Projects		Total Project Budget
WS-1	Option to Complete a historic restoration of corner building		27,000,000
WS-2	Option to raze current facility and redevelop entire	1 1	77,400,000
		Sub-Total	104,400,000

**Total Large Capital Projects at all Campuses** 

319,185,000

#### **Annual Projects**

Downtown Campus Annual Projects	Total Project Budget Sub-Total 21,739,500
Oak Creek Campus Annual Projects	Total Project Budget Sub-Total 19,237,500
Mequon Campus Annual Projects	Total Project Budget Sub-Total 10,084,500
West Allis Annual Projects	Total Project Budget Sub-Total 7,818,750
Walker's Square Annual Projects	Total Project Budget Sub-Total 3,987,000

**Total Annual Projects at all Campuses** 

Note: The master plan identifies building divestitures of outdated and/or inefficient infrastructure which exceed the square footage of new construction proposed. The result is a slight reduction in total District square footage, but with higher quality, efficiency and at a lower total cost of operation.





62.867.250

#### TOTAL MASTERPLAN ITEMIZATION BY PROJECT TYPE

20 million 29 Classroom / Lab Projects (includes hybrid lea	earning upgrades)
---	-------------------

20 million	38 Interior Commons /	Student Support Projects	(hubs and main streets)
	•	1 1	1

8 million	8 Faculty Office Suite Projects
-----------	---------------------------------

11 million	10 Outdoor	Storefront Projects
------------	------------	---------------------

62 million 87 individual projects currently identified in the Master Plan

The large capital projects include a mixture of all of these project types within each facility.



## THE BENEFITS OF EXECUTING THIS MASTER PLAN

- Tool for project prioritization and evidence based decisions based on vision and guiding principles
- An <u>achievable</u> path toward modernized and efficient facilities tailored to student and faculty needs
- Increased <u>flexibility to adapt</u> to an accelerating shift toward hybrid learning on and off campus
- Creation of a vibrant, welcoming and consistent brand experience across all campuses
- Maintaining a competitive edge and positioning MATC as the educational system of choice
- Provides the <u>needed intervention</u> to reverse a projected decline in student enrollment
- Provides <u>alignment</u> and a foundation for <u>employer and community partnerships</u> and shared resources
- A reduction in total cost of operations

The facilities master plan is the road map, and a sustainable and resilient future for MATC is the destination. Let the journey begin!





## **NEXT STEPS**

- Review Plan and Gather Input from District Board
- Final Approvals of Full Master Plan Report
- Communication Plan/ Unveiling of Master Plan
- Prioritization & Implementation of Annual Projects
- Financing Decisions/ Referendum Planning?

