



# CAMPUS MASTER PLAN PENN STATE HARRISBURG

## Current Priorities

- A. Educational Activities Building (EAB) Addition
- B. Removal of Temporary Trailers at Olmsted Building
- C. Student Enrichment Center
- D. Extend Improvements to Central Campus Quad /Corridor
- E. Relocate Parking from CUB to along east side of Olmsted Drive
- F. Eliminate Parking adjacent to athletic fields
- G. Landscape Buffer to Screen Capital Business Center Warehouses
- H. Repurposing of Space in Olmsted Building and Science & Technology Center
- I. Swatara Building Entrance and Exterior Façade Improvements
- J. M&O Building Renovations (restroom addition)
- K. Demolition of Former Demey School Building

-  Existing Buildings
-  Proposed Buildings
-  Existing Roads
-  Proposed Roads
-  University Property
-  Proposed Acquisition



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## Future Opportunities

- L. Renovation of Dining Commons, Wisberg Hall, and Church Hall
- M. Addition to Dining Commons Building
- N. Athletic Field and Track
- O. Outdoor Gathering Space
- P. Greenhouse / Headhouse Addition
- Q. Expansion of Childcare Building

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## Long Term Possibilities

- R. Capital Union Building Additions
- S. EAB Phase II
- T. Repurposing of Engineering Lab Building
- U. New Academic Buildings
- V. New Student Housing
- W. Addition to Library Building
- X. Acquire Middletown Home Property
- Y. Relocate Maintenance and Operations

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Composite Plan

# Penn State Harrisburg Master Plan Program

## Current Priorities

- Educational Activities Building (EAB) Addition 45,000 gsf (29,700 asf)  
The building will be heavily dedicated to the Engineering program, and will include modern, discipline-specific undergraduate labs and general purpose classroom and space.
- Removal of Temporary Trailers at Olmsted Building  
These trailers, located at the eastern end of Olmsted Building for use as temporary classrooms, will be removed following the completion of the EAB Addition.
- Student Enrichment Center 62,000 gsf New Building (~37,500 asf)  
This facility is envisioned to provide space for a number of functions, including a counseling center with a variety of student service-related functions, a learning center for tutoring, a spiritual center, a 400-seat theatre, convenience store, food services, and student activities spaces.
- Extend Improvements to Central Campus Quad /Corridor
  - Improve campus public space and provide connecting walkway between recent Vartan Plaza improvements, along CUB Addition, and connecting to new private housing at southern end of campus.
  - Provide safe and pleasant walkways through campus and to adjacent properties to promote a pedestrian oriented core. Improvements may include elimination of southern drive into Susquehanna Building parking lot.
  - Also provides pedestrians connection to planned new train station.
- Relocate Parking from CUB to along east side of Olmsted Drive
  - By eliminating much of the parking between the CUB and Swatara Building, space would be made available to create a more inviting outdoor space that includes improved pedestrian connections through the site as part of the pedestrian link between Vartan Plaza and the private housing to the south.
  - Replacement parking could be developed along the east side of Olmsted Drive.
  - ADA and Service parking will need to be addressed closer to the buildings.
  - Service access to the CUB must be maintained.
- Eliminate Parking adjacent to athletic fields
  - The existing gravel paving along the west side of Olmsted Drive near the athletic fields should be considered for elimination.
  - Potential conflicts with pedestrians will only increase with additional student traffic through this area.

- Depending upon site upgrades along the corridor to the private housing to the south, this could potentially be delayed until athletic upgrade impacts.
- Landscape Buffer to Screen Capital Business Center Warehouses
  - Implement subsequent phases of landscape screening
- Repurposing of Space in Olmsted Building and Science & Technology Center
  - With the completion of the new EAB Addition containing three 120-seat classrooms, there will be an excess of classroom space. Opportunities will exist to provide space for new and expanding academic programs and student-centered spaces within Olmsted Building. Ideally, functions that generate large movements of people should be located on the lowest floors, with lesser traffic-volume functions higher up.
  - Campus considering potential to convert space in Science & Tech to Chemistry Labs.
  - Other potential programs for vacated space include: Biology, Business Economics, Computer Engineering, Pre-Med, Masters in Civil Engineering, Masters in Mathematics, Masters in Mechanical Engineering.
- Swatara Building Entrance and Exterior Façade Improvements
  - Interior improvements were recently completed in the Swatara Building. As part of improvements to the public space extending between this building and the CUB, exterior façade improvements will greatly enhance the campus character in this portion of campus.
  - In addition, as the entrance to the college's admissions office, this is the first impression for prospective students and their families. A new entrance on the west side of the building will enhance this critical campus experience.
- M&O Renovations (restroom addition)
  - A small addition is planned for the M&O Building to provide upgraded restroom facilities on the west side of the building.
  - The façade treatment for this addition will set the precedent for future upgrades to remainder of building.
- Demolition of Former Demey School Building
  - This possible future building site has no short-term reuse potential. Demolition of the school will liabilities associated with the structure and increase flexibility for future development.
  - Coordination with the Township should take place to ensure that appropriate impervious coverage credit is received to apply to future stormwater requirements.
- Further Investigate the potential use of downtown Elks Theatre
  - There is a potential opportunity to work with Middletown Borough to develop an agreement allowing the campus to utilize the theatre as a performance venue and movie screening location.
  - Need for this facility may be negated with the construction of a 400-seat theatre in a Student Enrichment Center.

## Future Opportunities

- Renovation and Reprogramming of Dining Commons, Wrisberg Hall, and Church Hall
  - Will house the new Center for Enterprise Creation and Innovation Transfer (CECIT), which is proposed to serve as a bridge to further the development and transfer of innovations by partnering with local companies/manufacturers.
  - Other programs identified for this complex include:
    - Nursing office and support space
    - Center for Applied Business (5-8 people)
    - Center for Homeland Security (5-8 people)
    - Center for Sustainability Lab Space
    - Justice & Safety Institute
    - Offices for various masters programs: Civil Engineering, Mathematics, Mechanical Engineering
  
- Addition to Dining Commons for Physical Therapy Program
  - To house all necessary lab, office, and support spaces.
  
- Athletic Field and Track
  - Additional facilities needed to support both intercollegiate athletic and intramural programs.
  - Feasibility Study completed showing new artificial turf field and track.
  - Preferred sites and orientations may change with potential property acquisitions.
  
- Outdoor Gathering Space
  - The campus has identified a desire for an outdoor gathering space for students that could host larger groups for picnics and events. (facility fee funding potential)
  - A picnic area with a gazebo or other structure has been suggested.
  
- Greenhouse / Headhouse Addition
  - New programmatic needs for the Biology and Pre-Med programs will require additional greenhouse and headhouse space.
  
- Expansion of Childcare Building
  - The campus and childcare staff feel this function should remain in its current location and be expanded, rather than be relocated to the Engineering Lab Building, as previously proposed.

## Long Term Possibilities

- Capital Union Building Additions
  - Addition (20,775) to include gymnasium, seminar space, kinesiology teaching space, aquatics equipment storage, aquatics program offices, athletic staff offices, reception area, and new main entrance to building. (Feasibility Study previously completed)
  - As the Campus population continues to grow, there will be pressure to add athletic facilities – intercollegiate and intramural - commensurate with the student population.
  
- EAB Phase II (part of new program accommodations)
  - Second phase of EAB Addition has been identified to accommodate space needs in Computer Engineering, Biology, Masters in Mechanical Engineering, Center for Sustainability, Physics, and Electrical Engineering Doctoral program.
  
- Repurposing of Engineering Lab Building
  - As the Engineering Lab Building is positioned quite far from the core of campus, an alternate use for it should be explored. It assumes a commanding site, easily visible to traffic on PA 230 and visitors coming into Campus.

- New Academic Building(s)

- Space program to be developed to address future campus needs.
- Programs identified by the campus for possible accommodation include:
  - Chemistry
  - Communications change to Media Studies
  - History
  - Performing Arts
  - Supply Chain Management
  - Management PhD program
- Large lecture halls may not be needed as large classrooms will be in place.
- Campus suggested program includes<sup>1</sup>:
 

▪ Lecture halls/Large technology-rich classrooms	2,500	asf
▪ Language labs	1,500	asf
▪ Soundproof Music practice rooms	3,000	asf
Individual practice cells		
Larger ensemble practice w/storage		
▪ Seminar rooms	1,000	asf
▪ Art studios	10,000	asf
3D sculpture (ceramics, etc)	3,000	
Visual Arts (painting, drawing, graphics)	1,500	
Metal sculpture	3,000	
Shop	1,000	
▪ Offices	2,000	asf
▪ Student Gallery/Lounge	1,500	asf
<b>TOTAL</b>	<b>27,500</b>	<b>asf</b>

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<sup>1</sup> Asf figures have been calculated using metrics from University Park academic programs

- Utilities and Electrical Distribution
  - A study is currently underway to look at future utility needs to support campus growth and address issues of efficiency and reliability..
  
- New Student Housing (200,400 – 358,500 gsf /120,000 to 238,700 asf; additional 830 to 1380 beds)
  - The University's residential campuses, on average, provide housing for 25% of the total student population. Harrisburg has approximately 420 beds, which is about 10% of the current student population. As the Harrisburg campus continues growth in the lower divisions, additional University-operated housing will be desirable. To reach the 25% ratio, Harrisburg would need an additional 830 beds. That would increase the bed count to 1,250.
  - The average asf for housing needs at other campuses has been 173 asf per bed (includes dining space). Harrisburg's current housing/dining averages 264 asf per bed. The request for additional housing should be thoroughly discussed with the University's Housing and Food Services Unit, along with the University's Administration, so appropriate facilities are planned and phased in a sustainable manner. The projected sf figures have been adjusted to remove dining facilities.
  - Former Demey School Property allows for expansion of existing student housing precinct and could include resident parking and outdoor recreational space
  
- Expanded Food Service 12,500 gsf Expansion (7,500 asf)
  - The expansion of food facilities will be dependent upon Housing and Foods business assessment and the number of on-campus students and off-campus students/commuters who participate in their meal plan.
  
- Addition to Library Building for future academic or campus needs
  - The Library was designed to allow for a future addition on the east side. This potential should be kept in mind as future space needs are identified and the library makes changes to their operational and space requirements.
  
- Acquire Middletown Home Property
  - In ongoing conversations with Middletown Home board and management.
  - Property would provide opportunities for future campus expansion and help to link facilities on west end of campus to the academic core.
  - Updated appraisal received in September 2012.
  
- Relocate Maintenance and Operations

The relocation of M&O will need to be further reviewed and studied and an appropriate site selected that does not hinder future campus development and opportunities.

## **Other Potential Campus Impacts**

- **Campus Entrance Improvements**
  - Currently in discussion with PennDot to include the upgrade to the route 230 campus entrance to be coordinated with PennDot, Lower Swatara Township, Middletown Borough, and local private developers that are currently building student housing and retail around the campus perimeter.
  
- **Phase II of Regional Transportation Plan**
  - Plan includes construction of a 'half diamond' interchange off of the Airport Connector Road to provide access to Jednota Estates, the Capital Business Center, and the Meade Heights area.
  - Potential to sell Meade Heights at increased value after transportation improvements are complete.
  
- **Stormwater Management Improvements**
  - Participate in regional partnership group to address storm water management and flooding issues related to two stream corridors on campus.
  - Storm water management study has been completed by Herbert, Rowland and Grubic, Inc. Engineering Consultants on behalf of Lower Swatara Township.
  - PSU and the partnership continue to review the alternatives that have been identified as a result of the study.
  - New MS4 Permit to become effective March 2013. Will include Chesapeake Bay Pollutant Reduction Plan requirements. New plan to address heightened stormwater regulations must be approved within a year of receipt of permit.