

Worthington Scranton

Campus Exterior Architectural Plan



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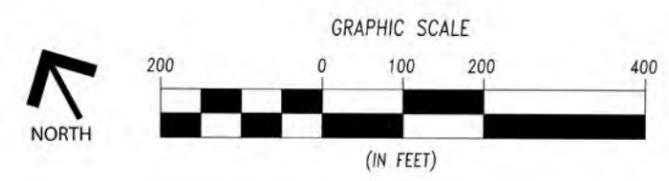
Introduction and purpose

The stated mission, vision and strategic goals of Penn State clearly define the University's responsibility to improve the lives of the people of Pennsylvania. Through the instructional and research aspects of the mission, the University is committed to enhancing quality of life and stimulating progress. Penn State's vision includes the quest for excellence, responsiveness to the communities we serve and quality in all endeavors. To these ends this document serves as a tool to further Penn State's mission with respect to aesthetic beauty as well as safety and efficiency of the physical environment.

The specific purpose of this Campus Exterior Architectural Plan (CEAP) is to identify improvement opportunities and suggest measures to correct physical deficiencies on the campus exterior. The objective of the CEAP is to focus on low cost measures that can be implemented quickly. A list of such projects has been developed and given an implementation priority ranking based on input from the campus, greatest visual impact and cost.

Improvement recommendations offered in this CEAP have been developed to a schematic design level. Additional analysis and design may be required to successfully implement some of the recommendations. Projects have been assigned a cost range based on historical data and/or experience with similar projects. Assumptions have been made regarding existing conditions and project scope. Only after final design and detailed estimating can the cost figures be ascertained.

Campus Map



BUILDINGS

①	0982-001	Dawson Building
②	0982-002	Classroom - Library Building
③	0982-003	Multi-Purpose Building
④	0982-004	Student Study-Learning Center
⑤	0982-005	Maintenance and Operations and Security
⑥	0982-006	Recyclable Material Storage Shed
⑦	0982-007	Gallagher Conference Center
⑧	0982-020	Storage Building
⑨	0982-057	Nittany Lion Shrine
⑩	0982-021	Baseball Storage Shed

Existing Conditions Inventory

The Worthington Scranton Campus of Penn State consists of 45.5 acres of property within the city of Scranton and Borough of Dunmore. The campus landscape is characterized by steep slopes and dramatic distant vistas.

The following figures illustrate in graphic form, some noted improvement opportunities that are addressable through a CEAP.

Architecture

Existing Conditions Inventory

Major architectural modifications, additions, and new construction are beyond the scope of this CEAP. With the exception of a few structures, the predominant building material is brick and the architectural style contemporary. These factors should be considered when developing exterior improvements such as walls, site furnishings, lighting and planting designs.



Site Furnishings

Existing Conditions Inventory

A variety of types and styles of benches, tables, trash receptacles and planters are spread across the campus. The opportunity exists to establish a uniform aesthetic character, campus wide, through the use of stylistically complimentary furnishings.

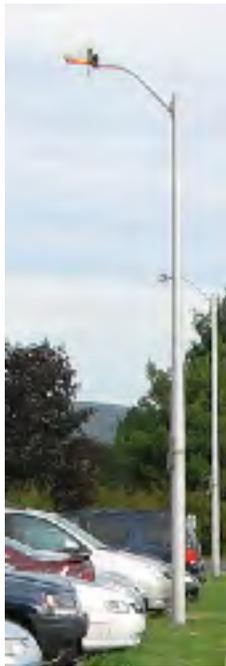
In addition to aesthetic appropriateness, the longevity and maintenance of site furnishings should be considered when specifying.



Lighting

Existing Conditions Inventory

Exterior lighting across the campus varies with respect to style and lamp type. A unifying aesthetic effect can be achieved by implementing a comprehensive and stylistically complimentary scheme.



Signage

Existing Conditions Inventory

Campus identification and wayfinding signage is inconsistent stylistically with respect to copy, color, size and detailing.



Landscaping

Existing Conditions Inventory

Weed control, slope plantings and shrub maintenance have been noted as areas for improvement. Parking lot and mechanical equipment screening are absent in some cases. The softening effect of additional landscape plantings is absent in some locations. Large non-programmed lawn areas exist across the campus that require significant resources to maintain.



Unique Features

Existing Conditions Inventory

Scenic overlooks, public art, and wooded walkways all contribute to the character of the campus.

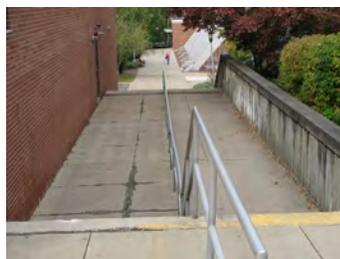
Enhancements and focused maintenance at these features can showcase the heritage and unique aesthetic character of the campus.



Pedestrian Circulation

Existing Conditions Inventory

ADA compliant pedestrian circulation is and will always be a challenge on this campus due to the topographic condition. Underutilized expansive paved areas exist.



Improvement Recommendations

The following figures describe and illustrate possible solutions to specific aesthetic and functional shortcomings on campus most of which are addressable through the CEAP program. In addition to the recommendations that follow, there are routine maintenance tasks that will enhance the aesthetic appeal of campus without added capital cost. Suggestions include:

- ▶ Mulch landscape beds annually
- ▶ Eradicate weeds
- ▶ Fertilize lawn areas
- ▶ Limit use of annual and perennial flowers to areas that can be maintained

An implementation priority matrix follows that lists improvement projects and recommends the order in which the projects could be executed. The implementation ranking is intended as a guideline for realizing the most significant impacts early in the plan implementation.

Location specific projects are keyed to the map with numbers corresponding to the listing on the matrix at the end of this report.

Project Key Map and Matrix

Penn State Worthington Scranton Campus Exterior Architectural Plan Project Prioritization Matrix

Proposed exterior improvement projects have been assessed with respect to the following criteria and assigned an implementation priority value. Criteria include:

Visual Impact - degree to which the project improves the visual quality of the campus

Cost - level of capital investment required to implement the project (assumes no volunteer or donor contribution)

The projects with the highest numeric score should be given the highest priority for implementation

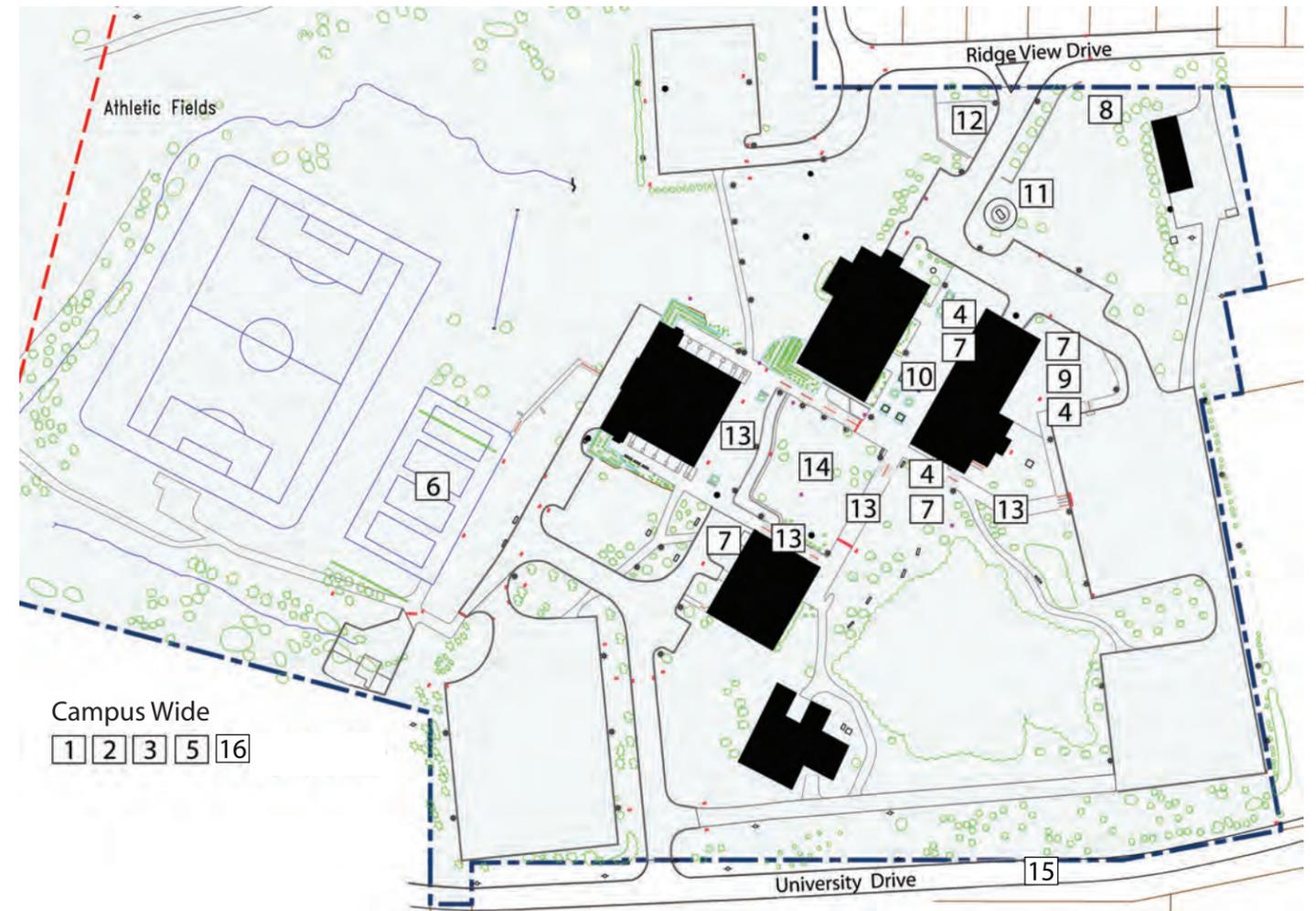
VISUAL IMPACT
1 - Little or no impact
2 - Minor Impact
3 - Moderate Impact
4 - Major Impact

COST
1 - Greater than \$25,000
2 - \$15,001 to \$25,000
3 - \$5,001 to \$15,000

#	PROJECT	IMPACT				COST			SCORE
		1	2	3	4	1	2	3	
1	Signage (campus wide)				X			X	6
2	Site Furnishings (campus wide)				X			X	5
3	Site Lighting (campus wide)				X			X	5
4	ADA Access	X						X	4
5	Air Conditioners (campus wide)				X			X	6
6	Tennis Court			X		X		X	4
7	Building Entry			X		X		X	4
8	Pedestrian Access (3,000 SF)		X					X	4
9	Dawson Plaza (south) Enhancements				X			X	6
10	Dawson Plaza (north) Enhancements				X			X	5
11	Lion Monument Enhancements				X			X	6
12	Ridge View Drive Entry Enhancements				X			X	5
13	Pavement Reductions			X		X		X	5
14	Amphitheater				X			X	5
15	Entry Sign				X			X	5
16	Window Posting (new kiosk)				X			X	6

Note:

Cost ranges identified in this matrix are for planning purposes only. Actual costs will be dependent upon fully developed plans for the respective project. Some of the projects listed above can be broken down into smaller pieces and implemented in phases.



Signage

Improvement Recommendation

1

Comprehensive standardized signage across campus conveys a unified image. These examples illustrate the standard adopted at University Park. The manual specifying the standards can be found at www.opp.psu.edu/stnd/signage/index.html

STUDY LEARNING CENTER

Wall-mounted Building Identifier Sign

- Aluminum cutout letters mounted to non-illuminated painted aluminum backer pan.
- 6" high 1 1/2" deep satin finish letters
- Font style: Gill Sans Light



Directional Signage/Wayfinding



Campus Map/Wayfinding

Site Furnishings²

Improvement Recommendation



Site furnishings designed in a style “family” provide a unifying aesthetic theme. The example shown here is stylistically neutral making it compatible with varying architectural styles present on the campus. Powder coated metal is attractive, comfortable and durable. Planters should be appropriately sized for the space they occupy and be constructed of durable, quality material



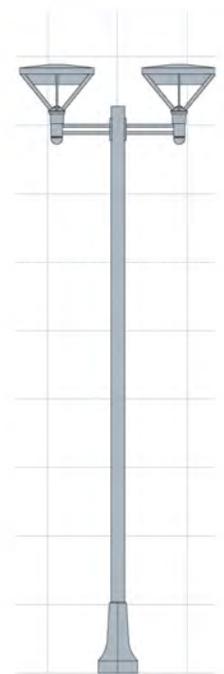
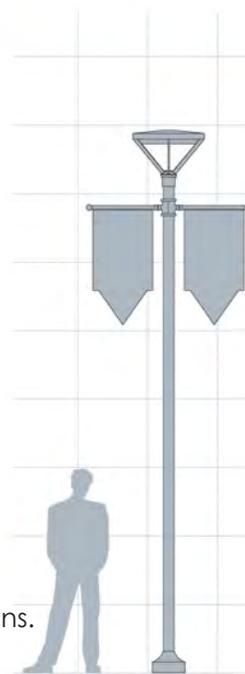
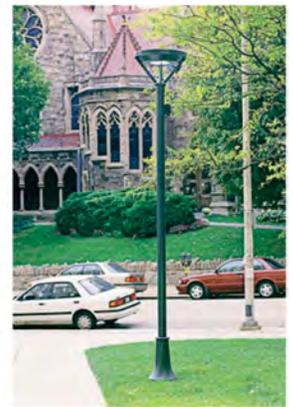
Site Lighting 3

Improvement Recommendation

Plan for phased replacement of antiquated, inefficient walkway, roadway and parking lot lighting. The use of metal halide lamps in cut-off luminaires mounted to poles is recommended. Avoid the use of bollards due to vulnerability to snow removal operations and vandalism.



InVue Ascent pole light for roadways, parking and other vehicular oriented areas
Manufacturer: Cooper Lighting



Argent "family" of lights for pedestrian oriented locations.
Manufacturer: Architectural Area Lighting

ADA Access 4

Improvement Recommendation



After



Before

Eliminate step by replacing existing walk and sloping to threshold. Install door opener. Avoid the use of carpet mats in exterior locations.

Air Conditioners

Improvement Recommendation

Window air conditioning units have been improved in efficiency and aesthetic appearance. Utilize units that are less visible on the exterior.



Before



After

Tennis Court 6

Improvement Recommendation

Due to its visual prominence from the core of campus it is recommended that this site be remediated in one of three ways: Tennis court use (new surface, fence, nets), Parking (resurface, lighting, access) or remove the existing fence and paving and restore to grass surface.



Building Entry

Improvement Recommendation

The existing entry points to Dawson Building are nondescript. A roof or awning structure at each entry point will visually identify the entrance as well as provide shelter from inclement weather. The design and material for the awning must complement the architectural style of the building. Other instances occur across campus that would benefit from this treatment. Examples include the Nursing Education entrance at the Library and Police Services.



Option 1



Option 3



Option 2



Existing

Pedestrian Access

Improvement Recommendation

Pedestrian access to campus from public transportation at O'Neill Highway requires walking in the street or grass for at least a portion of the route. Propose the installation of a sidewalk from campus to the highway.



Before



After

Plaza Enhancements ⁹

Improvement Recommendation

This gathering space south of Dawson Building requires little to enhance its visual quality and thereby its use. Landscape plantings are well established and contain quality materials. Several of the improvement recommendations cited elsewhere in this document can be implemented here as well as those noted.



Replace and supplement eclectic mix of existing site furnishings with new complimentary benches, tables and lighting.

Install displays of annual flowers confined to existing pavement penetrations



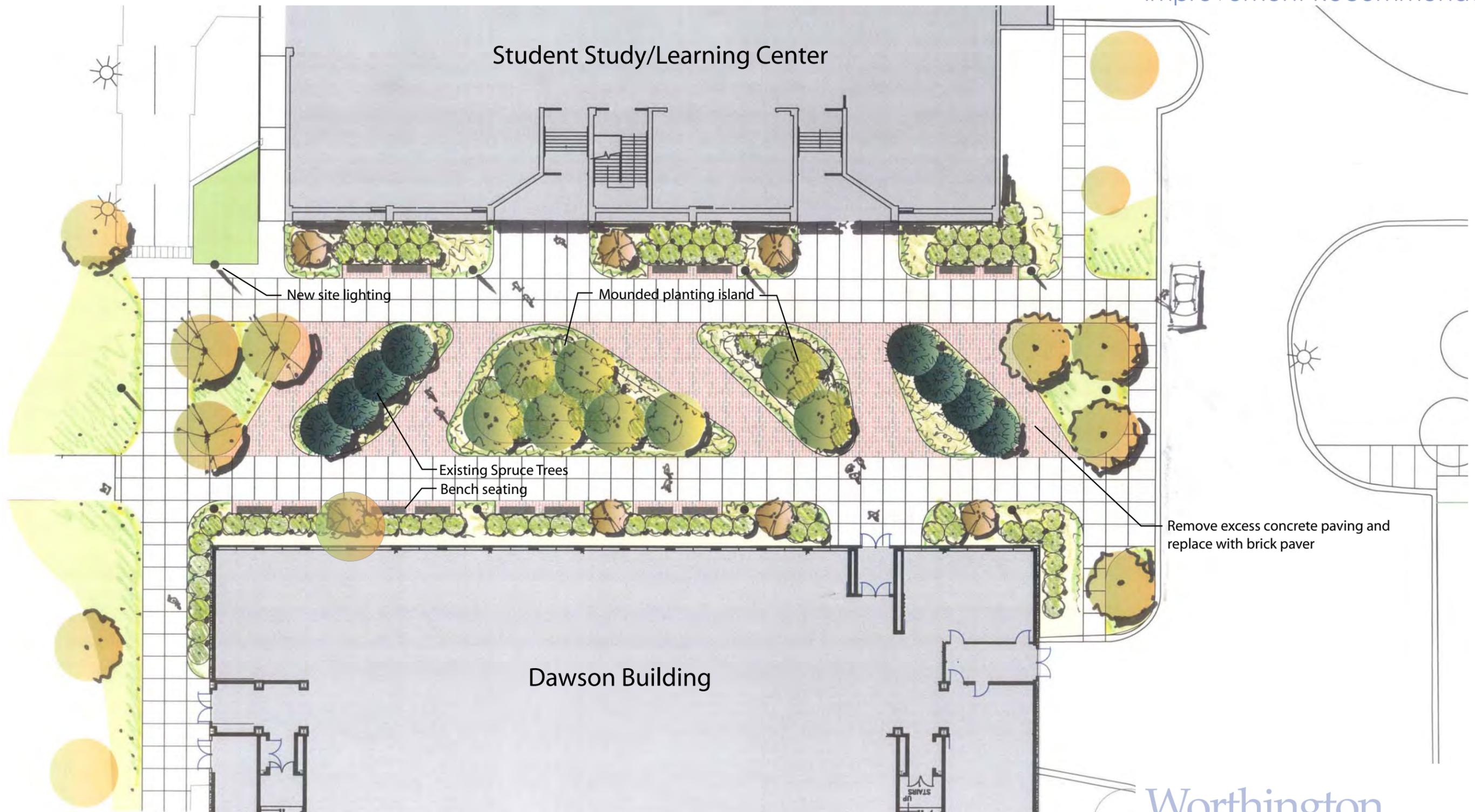
Pressure washing will "refresh" the appearance of stained pavement.

The commons area between the Study Learning Center and Dawson Building is characterized by excessive concrete pavement. A more hospitable pedestrian quality can be

achieved by removing under utilized paved areas and replacing with landscaping and new site furnishings. Existing pedestrian circulation patterns are maintained.

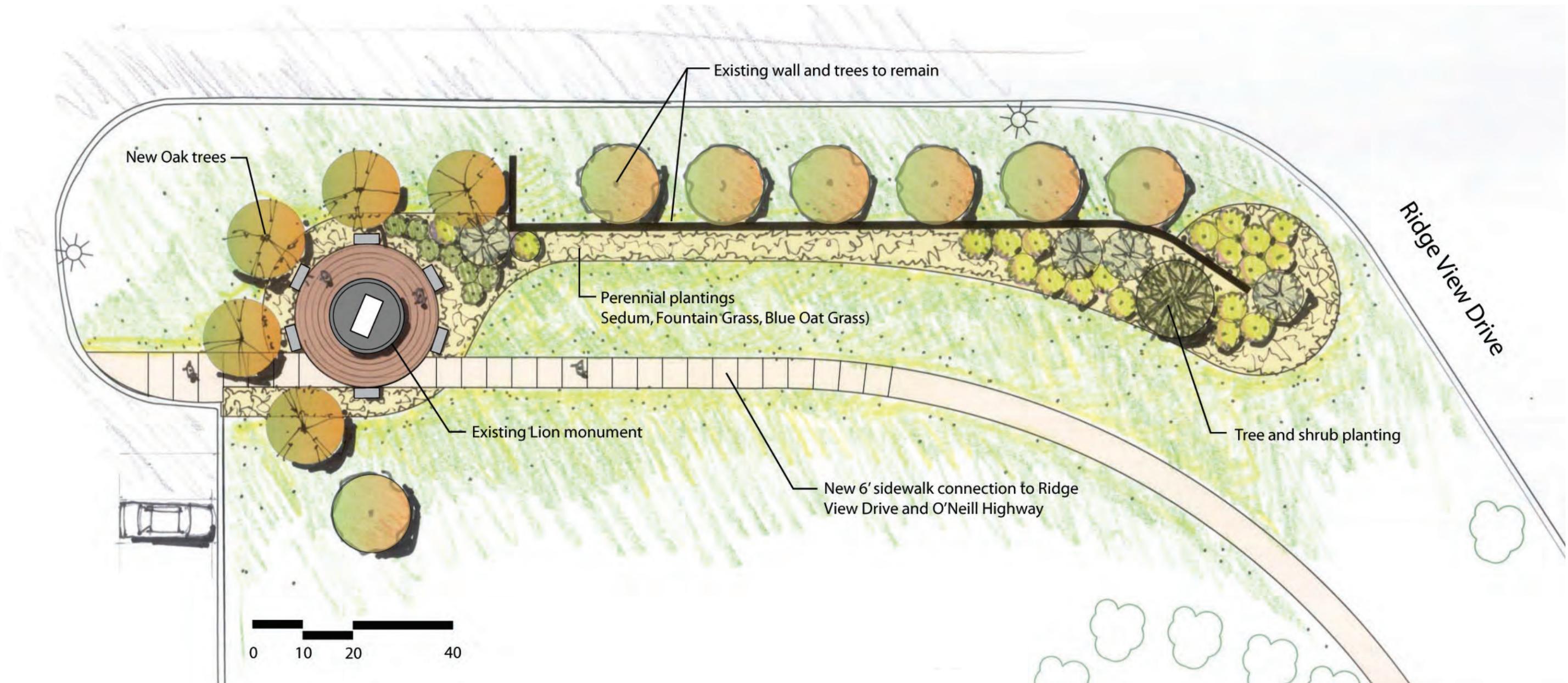
Landscaping Opportunity 10

Improvement Recommendation



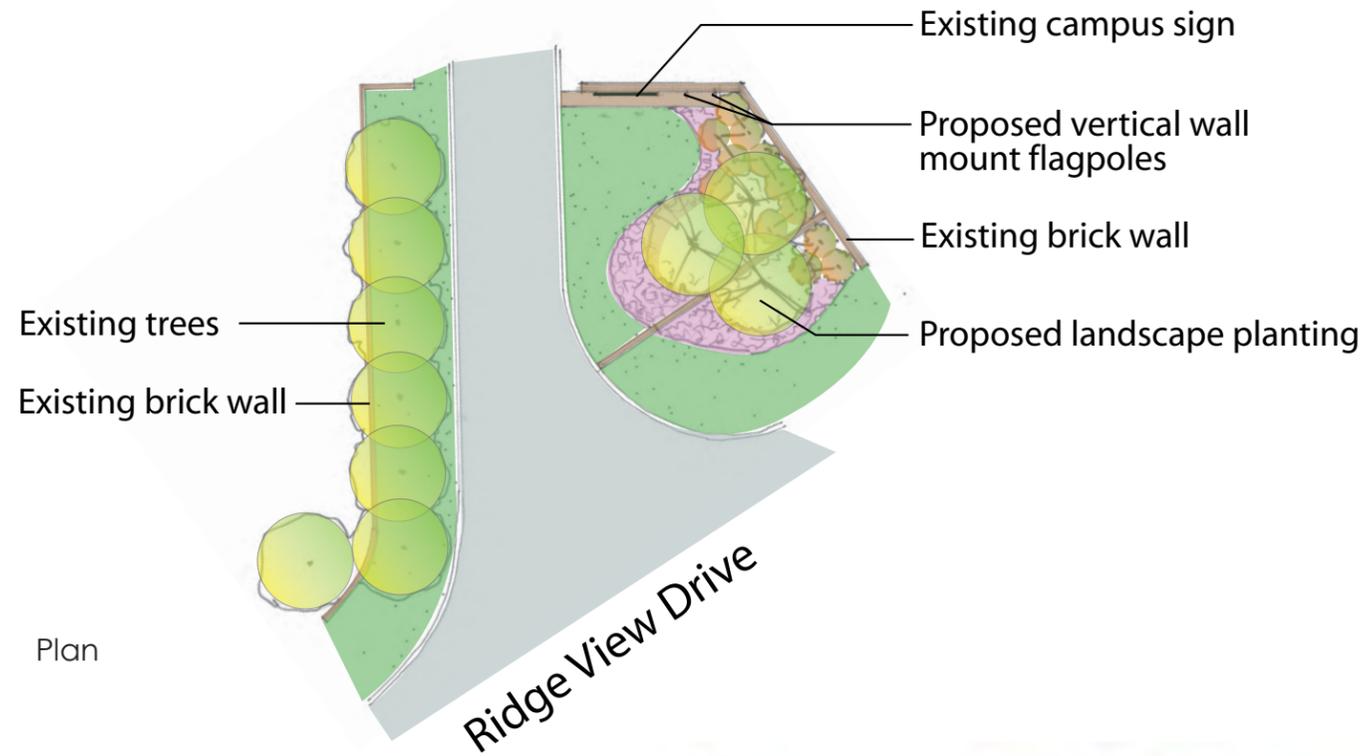
Landscape enhancements surrounding the existing Nittany Lion monument will beautify and give spatial context to this campus landmark space. The opportunity exists to create a pedestrian

access from the core of campus to the O'Neill Highway where public transportation exists.



Landscaping Opportunity 12

Improvement Recommendation



Eliminate unused concrete slab and replace with enhanced landscape planting. Install two vertical wall mounted flagpoles for display of US and PA flags.



After



Before

Pavement Reductions 13

Improvement Recommendation

Campus pedestrian walkways are oversized in some instances. Excess pavement requires more maintenance, increases water run-off and is aesthetically unattractive. It is recommended that primary pedestrian thoroughfares not exceed 10' in width. For secondary pedestrian routes the width should not exceed 6'.

It is also recommended that sidewalks be constructed using concrete as opposed to asphalt or other surfacing material. Exceptions to this rule include special enhanced plazas such as the lion monument and proposed enhancements to Dawson Building Commons.



Before



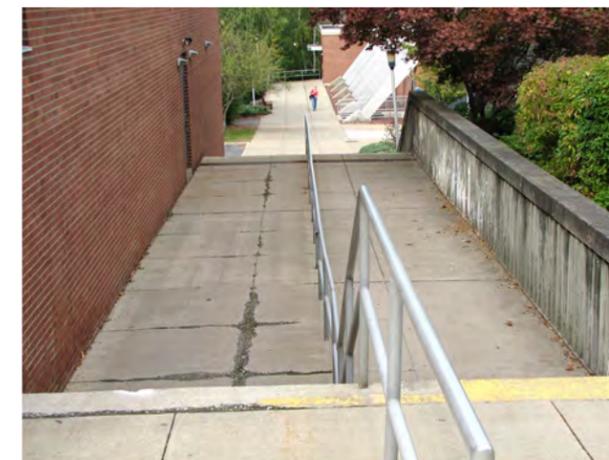
After



Before



Before



Before



After



After



After

14 Amphitheater

Improvement Recommendation

The existing green space in the core of campus could be developed into a programmable classroom/amphitheater. The topography of the site lends itself to this type of amenity.

In addition to the use opportunities of the gathering space, the cross campus walkways could establish an ADA accessible route between the Library and the Study/Learning Center on the east-west axis. The north-south access establishes a direct pedestrian link to parking lots to the south.

This concept proposes the construction of masonry seating benches separated by lawn panels. A small stage area is located at the low side of the seating. Landscape plantings are shown to screen the Multi-Purpose Building and frame the foreground view of the stage and distant views to the city and beyond.

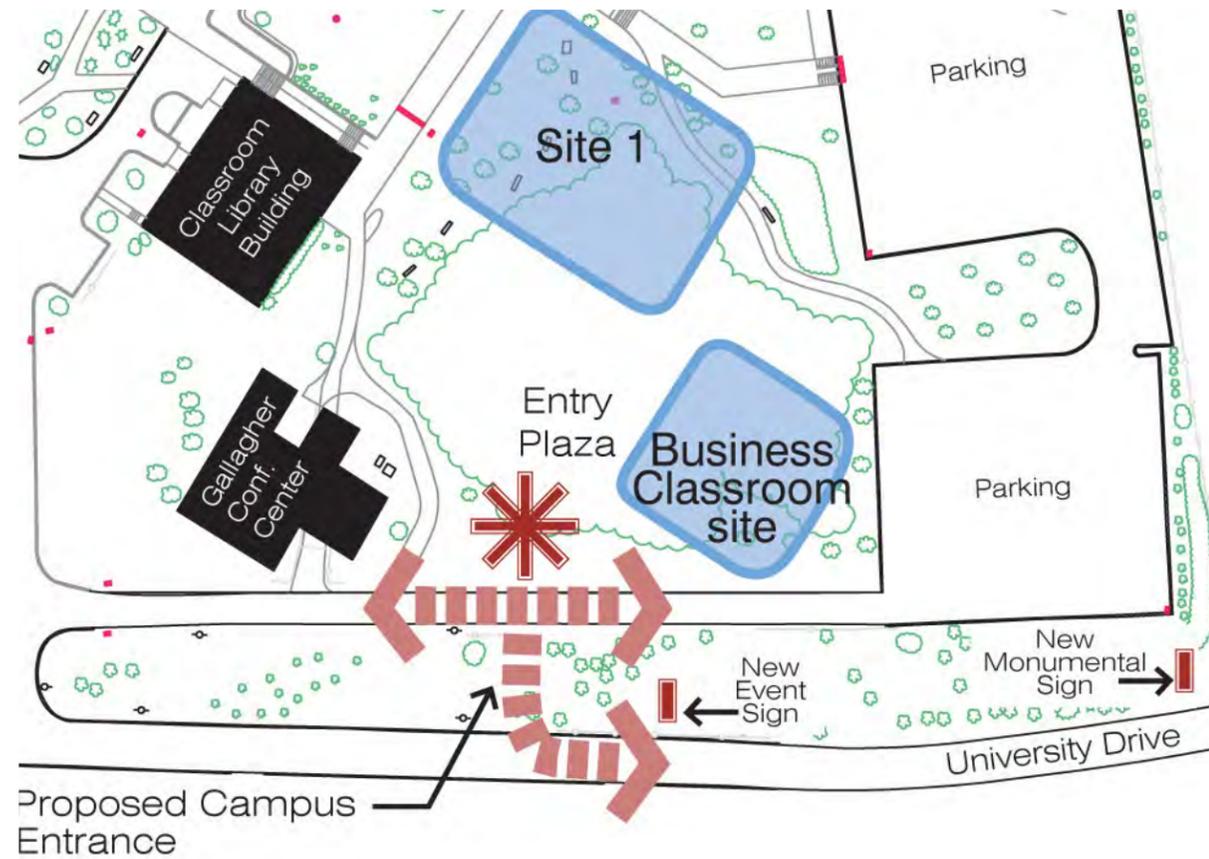


Entry Sign 15

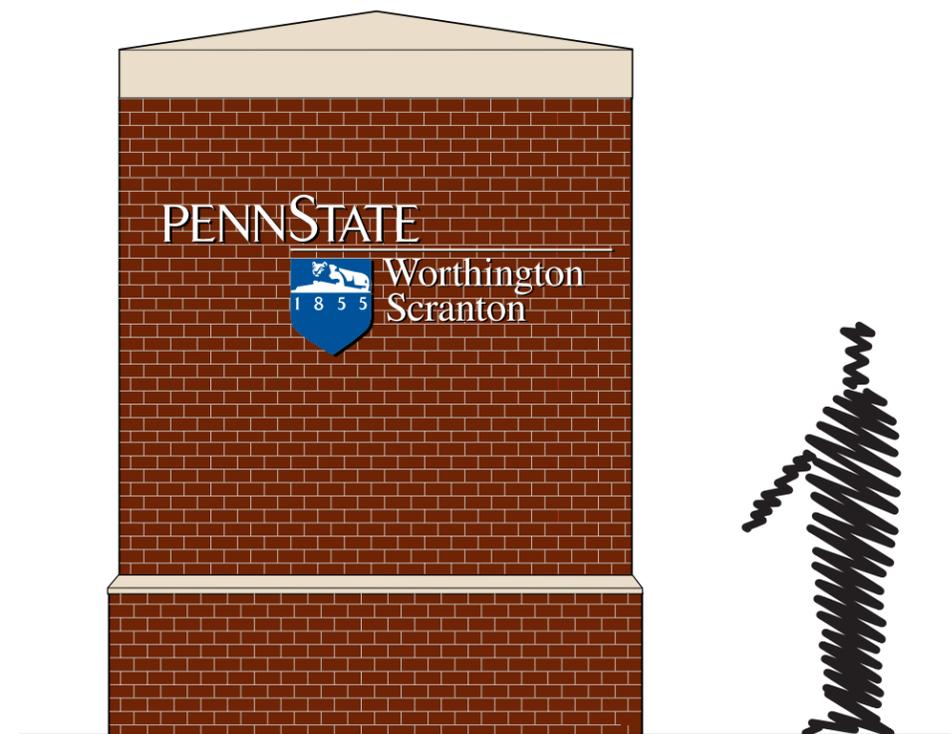
Improvement Recommendation

As part of the siting study for the proposed Business Classroom Building a new campus entrance orientation has been identified.

A monumental campus entrance marker is recommended for the corner of the campus along University Drive to be supplemented at the new driveway entrance by the changeable message board event sign.



New Event Sign



New Monumental Campus Entrance Marker

Window Posting

16

Improvement Recommendation

Building entrance vestibules and windows are often cluttered by postings advertising a variety of announcements and events. A centralized location for this necessary function should be identified and enforced.

Because the campus is relatively compact and most student users visit Dawson Building and the Study/Learning Center while on campus, the opportunity exists to consolidate the posting of information in one central location. An exterior kiosk could be constructed to accommodate the need.



Before



After



Exterior Kiosk