



THE UNIVERSITY  
*of*  
**WISCONSIN**  
M A D I S O N

**Overview**  
**State Building Commission**  
**December 15, 2004**

**INTRODUCTION**

Founded in 1848 by a clause in the Wisconsin Constitution that provided for “a State University, at or near the seat of state government,” the University of Wisconsin-Madison has grown to become one of the nation’s largest and most productive institutions of higher learning. Beginning with a class of seventeen on February 5, 1849, the university now enrolls more than 41,000 students in 137 undergraduate majors and 157 master’s and 113 doctoral degree programs. UW-Madison offers the only public schools of law, medicine and veterinary medicine in the state and is one of only two state-supported schools to offer doctoral degrees.

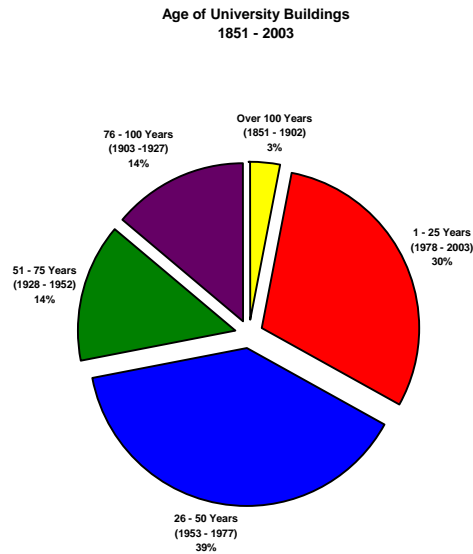
As one of the nation’s first land-grant universities, the University of Wisconsin-Madison maintains a strong research emphasis in agricultural and life sciences. Award-winning research spanning the academic disciplines has earned the University a place among the world’s elite institutions of higher education. The flagship school of the UW System, the University of Wisconsin-Madison has always sought to return the fruits of teaching and research to Wisconsin residents. In 1904, UW-Madison President Charles Van Hise crystallized the university’s commitment to public service in defining “the Wisconsin Idea,” which mandates that “the beneficent influence of the university [be] available to every home in the state.”

**CAMPUS PROFILE**

- Number of students (Fall 2004 Headcount): 41,169 Total; 25,557 Residents; 15,612 Non-Residents
- Number of students living on campus: 7,850 (6,992 in Residence Halls, 858 in apartments)
- Number of acres: 933 (main campus only)
- Average number of course offerings per semester: 4, 400 courses totaling about 13,600 sections per fall and spring terms
- Five most common majors: Political Science, Psychology, English, History, Communication Arts (per degrees conferred in 2002-03)

## FACILITY FACTS

- Number of buildings: 220 major buildings on the main campus
  - Total square feet of GPR (state funded) space: 14,449,391
  - Total square of PR (non-state funded) space: 4,728,428
- Percentage of classrooms and labs that are designed and equipped for modern teaching methodology: 30% of General Assignment Classrooms.



## AUXILIARY OPERATIONS

### Housing:

- Number of student housing buildings and average age: 23 residence halls, average age – 39 years, 134 student apartment buildings, average age - 41.5 years.
- Total bed capacity: 6,937 in residence halls, 1,939 bedrooms in student apartments.
- Number of unfilled requests: In May 2004, the Division of University Housing was unable to offer on-campus housing to 854 students who had requested it.
- Number of beds in new or newly remodeled space: Zero in residence halls. All of the student apartments have been remodeled.

### Transportation

- The University of Wisconsin-Madison has long recognized the challenges associated with accommodating the parking needs of its faculty, staff and students. The campus currently has an estimated 12,000 parking spaces available either in parking ramps or surface lots. However, given the size of the campus community and the unique geography of the campus, it is not possible to offer parking to all faculty and staff who desire it. In addition, as the campus continues to look inward for its future development needs, and with surface parking being lost to future building sites, parking pressures will only increase. A number of TDM initiatives have been implemented to reduce the need for additional parking. Those include free annual Madison Metro bus passes for all employees and students, campus buses, park-and-ride lots, Flex Parking, van/car pools, community car, telecommuting opportunities, bike/moped parking facilities, and pedestrian trails.

## SIX YEAR PLAN

### 2005-07 Projects

- 1) Student Services:** The construction of a new University Health Service/Student Activities Center meets a long-standing need for modern facilities for both groups. The new facility, included as part of the University Square Development will provide sufficient space to house all UHS programs and services in a modern, centrally located facility. UHS's current space is being used at maximum capacity, and lack of additional space impairs efficiency in delivering effective primary care. Neither of UHS's buildings was designed as an ambulatory health care facility and each presents physical barriers to the efficient delivery of high quality care. The age and design of these buildings prohibit significant expansion or renovation.

The University currently lags behind other UW System campuses and Big Ten schools in providing centralized space for student organizations. Student groups are scattered randomly on and off campus and there is a lack of adequate office, meeting and workspace for the day-to-day functioning of student organizations. Student activity space in the University Square Development would be assigned and regularly evaluated to ensure equitable arrangements and high occupancy.

The University Square Development project will also address the consolidation and improvement of space for the Registrar's Office, Student Financial Services, and the Bursar. These groups are currently located in substandard and inefficient facilities that hinder their ability to effectively provide services to students. Relocation of these units will be part of the office component of the University Square Development and will provide contiguous space for the three student services related organizations in proximity to other student services.

- 2. Student Housing:** University Housing will be renovating Chadbourne Residence Hall to replace the original serving line style operation with a market-style servery to offer a number of new menu options. The scope includes the upgrading of the kitchen area and complete remodeling of the obsolete serving area, new floor, wall and ceiling finishes in the existing dining area and upgrading of mechanical and electrical systems. The resident room portion of this project will upgrade and refurbish 57,500 ASF of resident rooms to provide new loft style furniture for each resident at the completion of the project. The upgrade/refurbish would include removal of all built-in furniture, abatement and replacement of all resident room flooring, removal and replacement of resident room light fixtures, replacement of perimeter heating system with installation of a system with heating and air conditioning capabilities.

The Park Street Development constructs a 162,000 GSF residence hall, a 335-stall parking ramp complex and a 139,000 GSF office building in the block southeast of the Park Street overpass and north of Regent Street. In addition, the developer is relocating the current garage operations from that block to new quarters constructed on the Parking Lot 51 site on North Charter Street. The project will also extend central campus utilities and provide landscaping and site work. This project seeks enumeration of the program revenue components of the Park Street Development project as part of the 2005-07 Capital Budget, with the intent of exercising purchase options for the residence hall, parking ramp and garage facility upon occupancy in July of 2006. Purchase of the administrative portion will be sought in a later biennium with GFSB funding.

- 3. Renovations:** The Sterling Hall renovation project is another in a series of requests for building renovations. The anticipated relocation and consolidation of the Physics Department into a renovated Chamberlin Hall permits the renovation of approximately 105,000 ASF of vacated building space in Sterling Hall. A renovated Sterling Hall will house the Department of Astronomy as well as the Psychology Department and, in turn, will allow Psychology to vacate Brogden Hall. Brogden would then be available for the next decade as swing space for programs displaced by major renovation projects.

The longer-term plan calls for the demolition of Brogden Hall, and precludes the need for a comprehensive upgrade of existing Brogden space and building additional space in order to accommodate Psychology's space needs.

Renovation of the Education Building on Bascom Hill will be funded entirely from private funds and will be the first step in a series of renovations for the historic Bascom Hill area buildings. The project represents a comprehensive effort to address the shortcomings of the building, preserve the historic character of the historic 100-year-old central campus building and extend its useful life for at least another century.

4. **Classrooms:** The classroom renovation project continues the campus' major initiative to upgrade the physical condition and instructional capabilities of facilities to address the multi-faceted educational needs of the 21st century. Comprehensive classroom renovations create an instructional environment that strengthens the faculty's ability to communicate efficiently and effectively with undergraduate students. It also provides the means for delivering these same educational opportunities to citizens at a distance throughout the State of Wisconsin. Depending on available funding, classrooms scheduled for renovation include Room 132 Noland Hall, 5231 Social Science and 1240 Computer Science
5. **East Campus Development:** The Elvehjem Museum of Art Addition/Renovation project is a component of the University's East Campus Development Plan which calls for the creation of a contemporary and technologically advanced arts and humanities. The project will construct an addition to the Elvehjem Museum of Art to provide badly needed space for the display and storage of works of art, conservation and exhibition preparation rooms, specialized classrooms, a computer-learning center, and museum shop. After construction of the addition, the existing Museum will be renovated. The addition project will be entirely gift funded and a smaller component will be a request for GPR funding to address the renovation of the existing building for the instructional components of the Department of Art History and Kohler Art Library.
6. **Research Related Projects:** Increased demands for quality research space drives a number of projects in the six year plan, among them the first phase of an expansion of the Wisconsin Primate Research Center; a production facility for the IceCube research program, and renovation of currently vacant research space on two floors of the Waisman Center. All of these projects will be funded from gift/grants.

This Primate Center expansion project will construct a three story, addition to the north of the main Wisconsin National Primate Research Center. The addition will provide a new secure lobby, training room and offices, library, workshop, loading dock, and storage space, and will allow the demolition of the 1971 wing which is a converted warehouse consisting of piecemeal additions. The building's condition and construction are unsuitable for research activities. By replacing this building with better quality space, the old structure can then be removed, providing space for future growth.

The IceCube project will construct a new production facility for the \$240 million NSF research project located at the Kegonsa Research Campus (KRC) in Stoughton, Wisconsin. The new facility will be devoted to production, packaging and test station space for the fabrication of research equipment which is part of an international high-energy neutrino observatory being constructed in the deep ice of the South Pole.

The project at the Waisman Center will renovate approximately laboratory space on the 6<sup>th</sup> floor and animal space on the 7<sup>th</sup> floor of the original building. The 6<sup>th</sup> floor work will create modular, flexible, generic research laboratories and support spaces that are in compliance with National Institutes of Health (NIH) standards and that meet the needs of modern molecular biology research. The 7<sup>th</sup> floor work will address existing deficiencies in the animal space, increase animal capacity, and maintain Association for Assessment and Accreditation of Laboratory and Animal Care (AAALAC) accreditation. Both floors are currently vacant, and progress must be made in addressing the laboratory and animal space concerns in Waisman before submittal of the next competitive renewal of the P30 Core Grant in summer 2005. This grant supplies \$1 million per year for the core services that the Center provides to both biomedical and behavioral researchers. The deficiencies in the

Animal Models Core, if they are not addressed, may well put renewal of P30 at risk, which would adversely impact not just scientists using that core, but every scientist at the Waisman Center.

- 7. Utilities Infrastructure:** This project will construct new utility distribution systems necessary to distribute the additional capacity provided by the West Campus Cogeneration Facility to existing west campus facilities as well as those currently in planning or construction. Other needed utility improvements located along the route are also included. The primary improvements are heating/cooling utility extensions west along Observatory Drive to Highland Ave. The electrical/signal utilities will begin from the proposed Willow Creek Bridge and will continue along Observatory Drive to the Highland Avenue corridor. All of the utility extensions will then continue along Highland Avenue, looping around the north side of the Clinical Science Center and terminate in the service drive to the west of the Clinical Science Center

### **Planning in the 2005-07 biennium**

New facilities for the School of Music are an integral component of the University's East Campus Development Plan which calls for the creation of a contemporary and technologically advanced arts and humanities district, consolidation of campus student services along a new pedestrian corridor and the construction of contemporary university residence halls to improve the undergraduate student living experience. Phase I of the School of Music's new facilities will construct an approximately 54,000 GSF new performance space consisting of 1,000 seat and 350 seat auditoriums, and a 100 seat orchestral, recital and ensemble space. The facility will be located east of Murray Street and north of University Avenue and will require both land acquisitions and the removal of existing structures.

The School of Nursing Building addresses long-standing needs of the School of Nursing for their own facility. The scope of the school's academic and research activities has grown considerably over the last decade. However, further growth in these areas will likely be curtailed if solutions for the school's facility needs are not found in the near term. This project will construct a new building to house office, research and support services for the School of Nursing. The new building will create a physical environment that reflects a commitment to sustain and strengthen nursing's contribution as an academic health science discipline at the University.

The School of Human Ecology's 2001 facility master plan developed a comprehensive project to address the significant inadequacy of space currently available to the growing departments within the school and its research centers. In addition, the project addresses the needs of a world class textile collection, most of which has not been made available to scholars and to the public, due to a lack of accessible storage space and climate controlled display space. Finally it will also provide for an expanded, state-of-the-art, Preschool facility. In order to capitalize on its strong educational and research reputations, as well as in the recruitment of new faculty and students, it is important that the project to expand and upgrade existing space stay on course.

**2005-2011 Physical Development Plan for the UW-Madison Campus**

Division	Project	2005-07 Biennium				2007-09 Biennium				2009-11 Biennium				Future			
		GPR	PR (millions)	Other	Total	GPR	PR (millions)	Other	Total	GPR	PR (millions)	Other	Total	GPR	PR (millions)	Other	Total
<b>Biostar - Prior Commitments</b>																	
	Biochemistry II	\$32.00		\$53.00	\$85.00												
	Biostar IV							Planning/Design		\$63.00		\$40.00	\$103.00				
<b>CALS</b>																	
	Agr. Research Stations			Concept Planning				Planning/Design									
	Agr. Research Station Phase 1									\$2.22		\$4.45	\$6.67				
	Agr. Research Station Phase 2-3													\$6.97		\$2.70	\$9.67
	Babcock Hall, Phase II									\$13.04			\$13.04				
	Greenhouse Relocation, Phase II									\$4.20		\$4.20	\$8.40				
	Biological System Engineering Unification*													\$6.43		\$6.43	\$12.86
	Meat/Muscle Biology Lab			Concept Planning										\$15.00		\$15.00	\$30.00
	Poultry Res. Lab													\$7.38		\$7.38	\$14.76
	Plant Sciences/Agronomy Seeds Building									Planning/Design						\$72.00	\$72.00
<b>East Campus Development Plan - Phase 1</b>																	
<b>Dayton St</b>																	
	Housing																
	Pedestrian Mall																
	Utilities																
	Ogg Demolition/Mall and Rec Space Development																
<b>University Square Development</b>																	
	UHS/SAC/Std Serv(Bursar, Registrar, Fin Serv)	39.85	17.00		56.85												
<b>Arts/Humanities District</b>																	
	Elvehjem Museum Expansion/Renov.	\$0.00		\$28.10	\$28.10					\$8.75			\$8.75				
	Land Acquisition (xf: All Agency)			\$1.47	\$1.47												
	Utilities			\$3.40	\$3.40												
	Music Facilities, Phase I			Concept Planning				Planning/Design				TBD	TBD				
	Music Facilities, Phase II			Concept Planning												TBD	TBD
	Pedestrian Mall Development											Planning/Design				\$1.90	\$1.90
	Art Facilities			Concept Planning				Planning/Design		\$40.00	TBD	\$8.00	\$48.00	\$34.00			\$34.00
	Utilities for Art									\$4.80			\$4.80				
	Land Acquisition for Art (xf: All Agency)											\$5.20	\$5.20				
<b>Park St Lease/Purchase (2006-11)</b>																	
	Residence Hall			\$37.60	\$37.60												
	Parking/Garage			\$9.30	\$9.30												
	Office																
										\$38.60			\$38.60				
<b>Education</b>																	
	Education Research Center													\$15.00		\$15.00	\$30.00
	Education Bldg Renovation			\$31.00	\$31.00												
<b>Engineering</b>																	
	Student Learning Center			\$0.54	\$0.54												
<b>FP&amp;M</b>																	
	Classroom Renovation/IT Improvement			System Program				System Program				System Program		System Program			
	Utility Distribution Systems Upgrades	\$29.69			\$29.69	\$10.00			\$10.00	\$10.00			\$10.00	\$10.00			\$10.00
<b>Graduate Sch./L&amp;S</b>																	
	National Primate Center Phase 1			\$8.50	\$8.50												
	Primate Center Ph 2-4 plus Harlow Lab			Concept Planning												TBD	
	IceCube Production Facility			\$3.85	\$3.85												
	Waisman 6th and 7th floor Renovations			\$6.00	\$6.00												
<b>Human Ecology</b>																	
	Human Ecology Addition/Renovation			Planning/Design		\$19.80	\$3.50	\$17.90	\$41.20								
<b>IES</b>																	
	Green Bldg (joint with CALS)			Concept Planning												TBD	
<b>Intercollegiate Athletics</b>																	
	McClimon Mem. Track Improv. Phase II							\$8.52	\$0.74	\$9.26							
<b>L&amp;S</b>																	
	Sterling Hall Renovation*	\$34.00			\$34.00												
	Bascom Hill Historic Bldg Restoration															TBD	
<b>Nursing</b>																	
	Nursing Science Building*			Planning/Design		\$21.14	\$5.50	\$21.14	\$47.78								
<b>Veterinary Medicine</b>																	
	Vet Med Teaching Hospital/Research Bldg													\$50.00		\$50.00	\$100.00
<b>Grand Totals</b>		<b>\$135.54</b>	<b>\$63.90</b>	<b>\$135.86</b>	<b>\$335.30</b>	<b>\$68.78</b>	<b>\$17.52</b>	<b>\$44.98</b>	<b>\$131.28</b>	<b>\$166.77</b>	<b>\$0.00</b>	<b>\$56.65</b>	<b>\$223.42</b>	<b>\$144.78</b>	<b>\$0.00</b>	<b>\$96.51</b>	<b>\$241.29</b>

\*Carryover projects

## Project Key

 **2005-07**

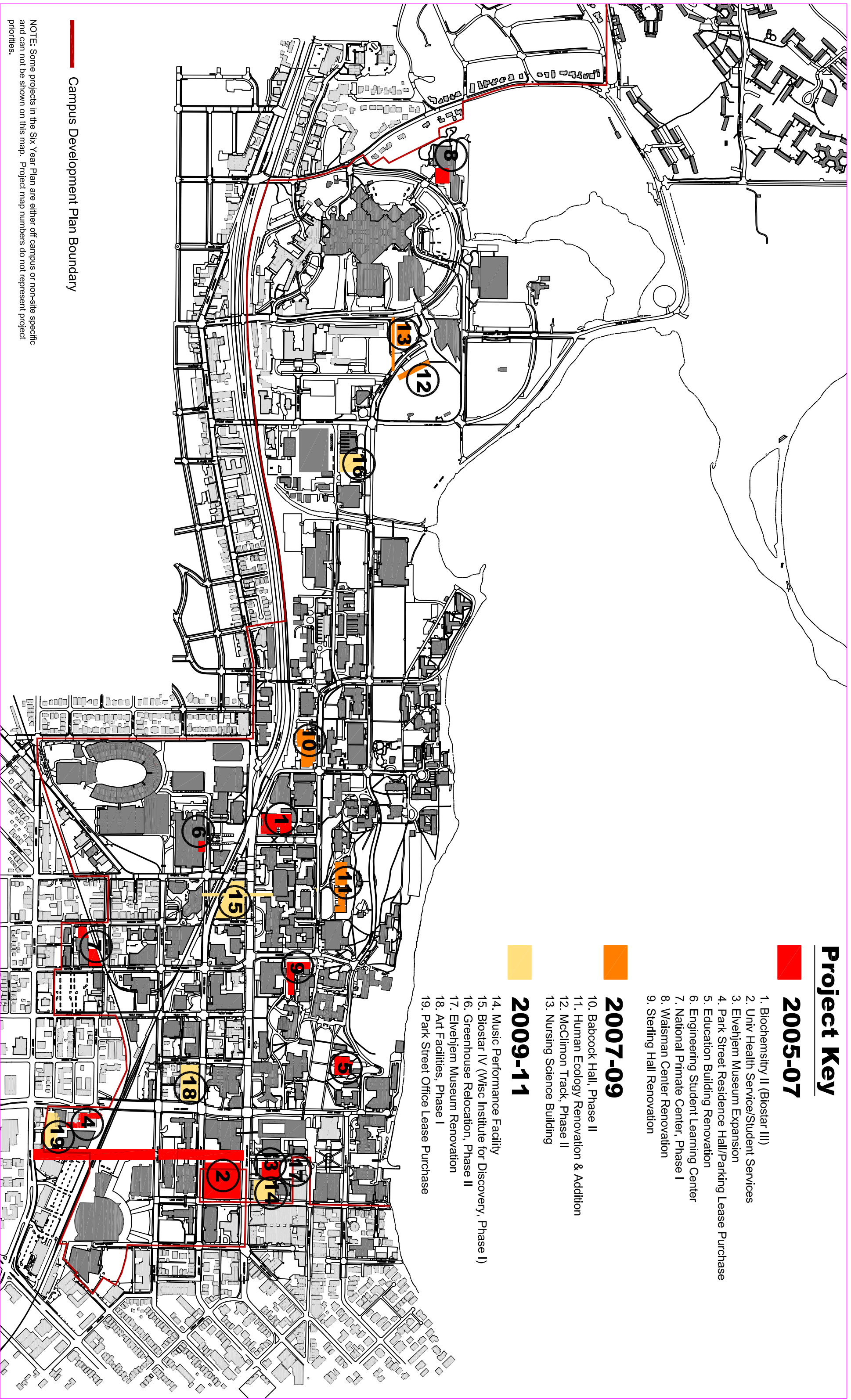
1. Biochemistry II (BioStar III)
2. Univ Health Service/Student Services
3. Elvehjem Museum Expansion
4. Park Street Residence Hall/Parking Lease Purchase
5. Education Building Renovation
6. Engineering Student Learning Center
7. National Primate Center, Phase I
8. Waisman Center Renovation
9. Sterling Hall Renovation


 **2007-09**

10. Babcock Hall, Phase II
11. Human Ecology Renovation & Addition
12. McClimmon Track, Phase II
13. Nursing Science Building

 **2009-11**

14. Music Performance Facility
15. BioStar IV (Wisc Institute for Discovery, Phase I)
16. Greenhouse Relocation, Phase II
17. Elvehjem Museum Renovation
18. Art Facilities, Phase I
19. Park Street Office Lease Purchase



 Campus Development Plan Boundary

NOTE: Some projects in the Six Year Plan are either off campus or non-site specific and can not be shown on this map. Project map numbers do not represent project priorities.