



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON

THE CAMPUS MASTER PLAN: A VISION FOR THE FUTURE

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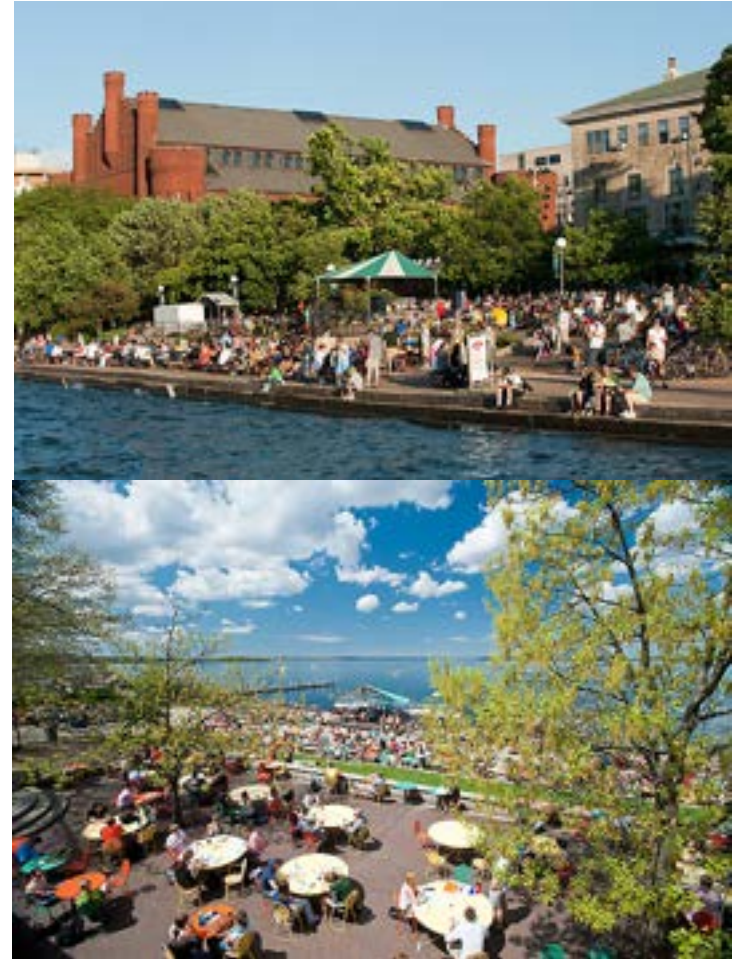
EXTENDING OUR HISTORY - EMBRACING OUR FUTURE

AGENDA

- 2015 Campus Master Plan Overview
- Recently Completed Projects
- Current Projects in Planning, Design & Construction



UNIVERSITY OF WISCONSIN-MADISON CAMPUS MASTER PLAN



CAMPUS MASTER PLAN

“Extending Our History - Embracing Our Future”

Focus Areas:

1. Develop our first ever comprehensive Landscape Master Plan.
2. Develop and expand our Stormwater Management/Green Infrastructure Plan.
3. Update the 2005 Campus Master Plan for building capacity on the main campus.
4. Update the 2005 Utilities Master Plan.
5. Update the 2005 Long Range Transportation Plan.

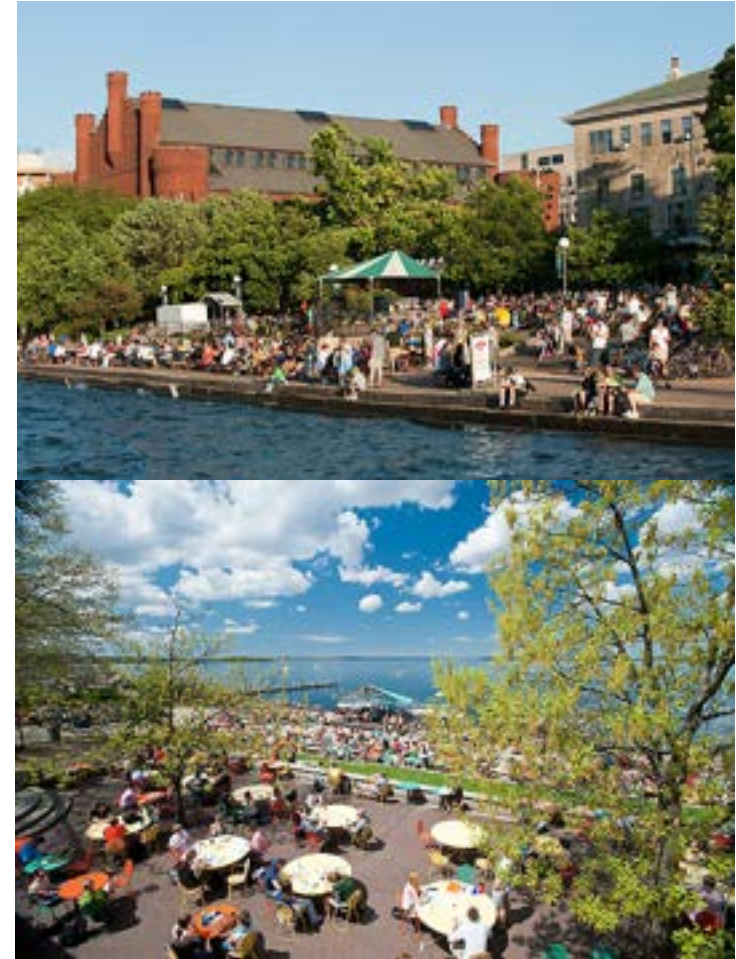
Goals:

1. Support the university’s mission in accordance with the Wisconsin Idea and our land grant heritage.
2. Sustainably manage our physical, financial and cultural resources for future generations.
3. Preserve and celebrate our natural lakeside setting and historic resources.
4. Make travel on campus easy for all users.
5. Revitalize, expand and connect our memorable outdoor spaces.
6. Be good neighbors in maintaining a high quality of life for everyone.



OPEN & COLLABORATIVE PROCESS

- Based on a strong culture of shared governance & community involvement at UW-Madison (“hyper-democracy”)
- Built on strong Town-Gown relationships with city planning, mayor’s office, alders and 7 local neighborhood associations
- Monthly joint city/neighborhood & university committees (east & west)
- Lots and lots of meetings! On and off campus, in the community and out in the neighborhoods.
- Campus Planning is a Participatory Sport – Stay Involved!



NEED FOR A CAMPUS MASTER PLAN

State Building Commission Policy

General Policies, Long Range Planning -
...long-range plans shall be developed to guide the physical development of each state institution....

Wis. Stats. 13.48 (1) State Building Commission:

Long Range Public Building Program -
“The long-range program shall include the necessary lands, new buildings, and all facilities and equipment required and also the remodeling, reconstruction, maintenance and re-equipping of existing buildings and facilities...”

City of Madison Zoning Ordinance Requirement MGO. 28.096

Permits predictable institutional growth within approved boundaries.

Expedites local zoning approval processes and SAVES TIME and MONEY.

Approved Campus Master Plans are effective for 10 years.

Establishes the UW Design Review Board.

Balances the institutions need for change with public benefits gained and with the impact to local neighborhoods.

Board of Regents Policy – 19-15 Physical Development Principles

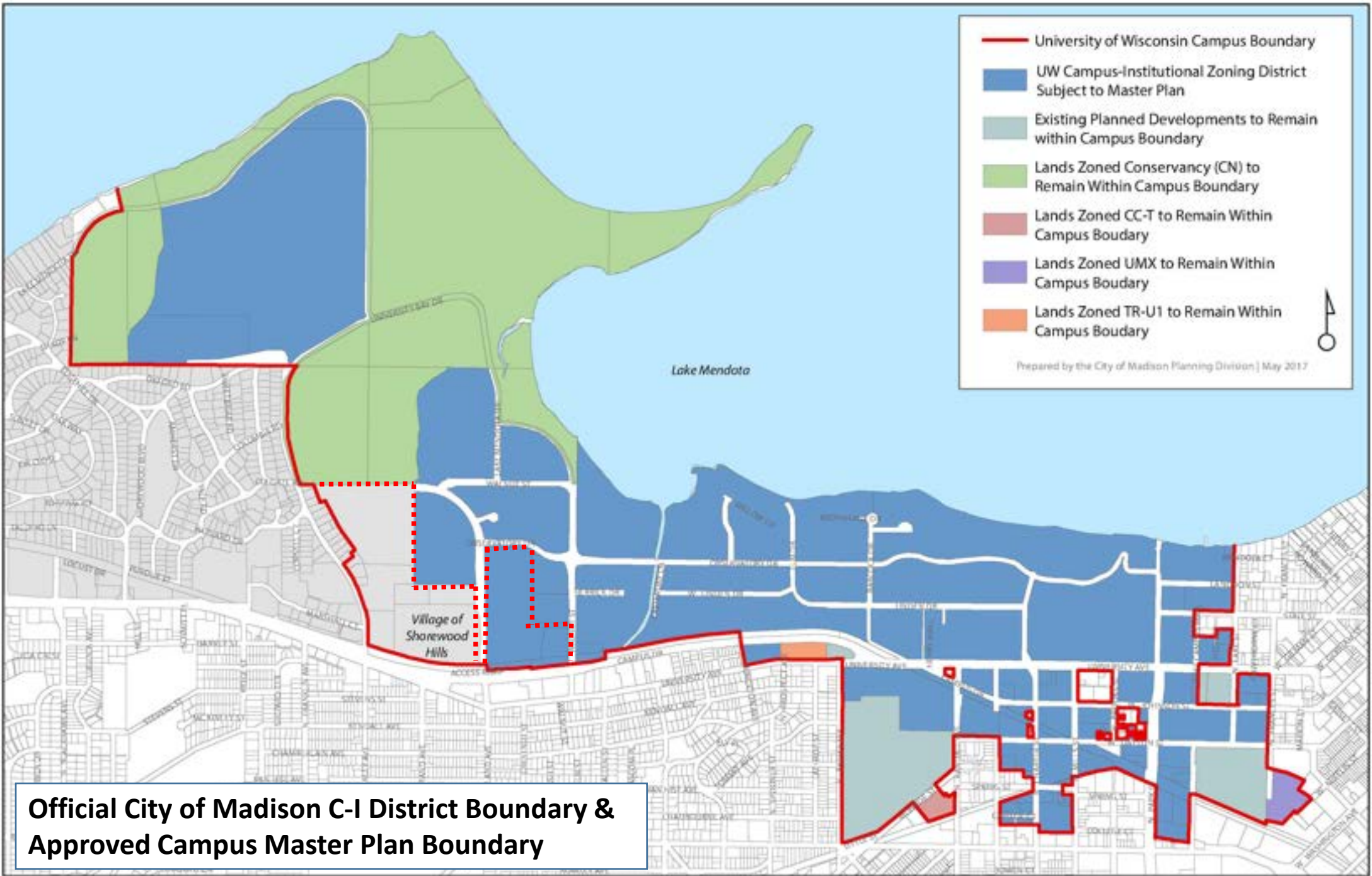
Integrated planning driven by programmatic needs, physical concerns and within financial realities.

Cooperative planning with host cities.

Campus master plans address:

- Space needs
- Image, Identity, aesthetics
- Multimodal transportation & parking
- Open Space
- Building Sites
- Infrastructure & Utilities
- Sustainability
- Accessibility
- Health & Safety

Stewardship of physical assets.



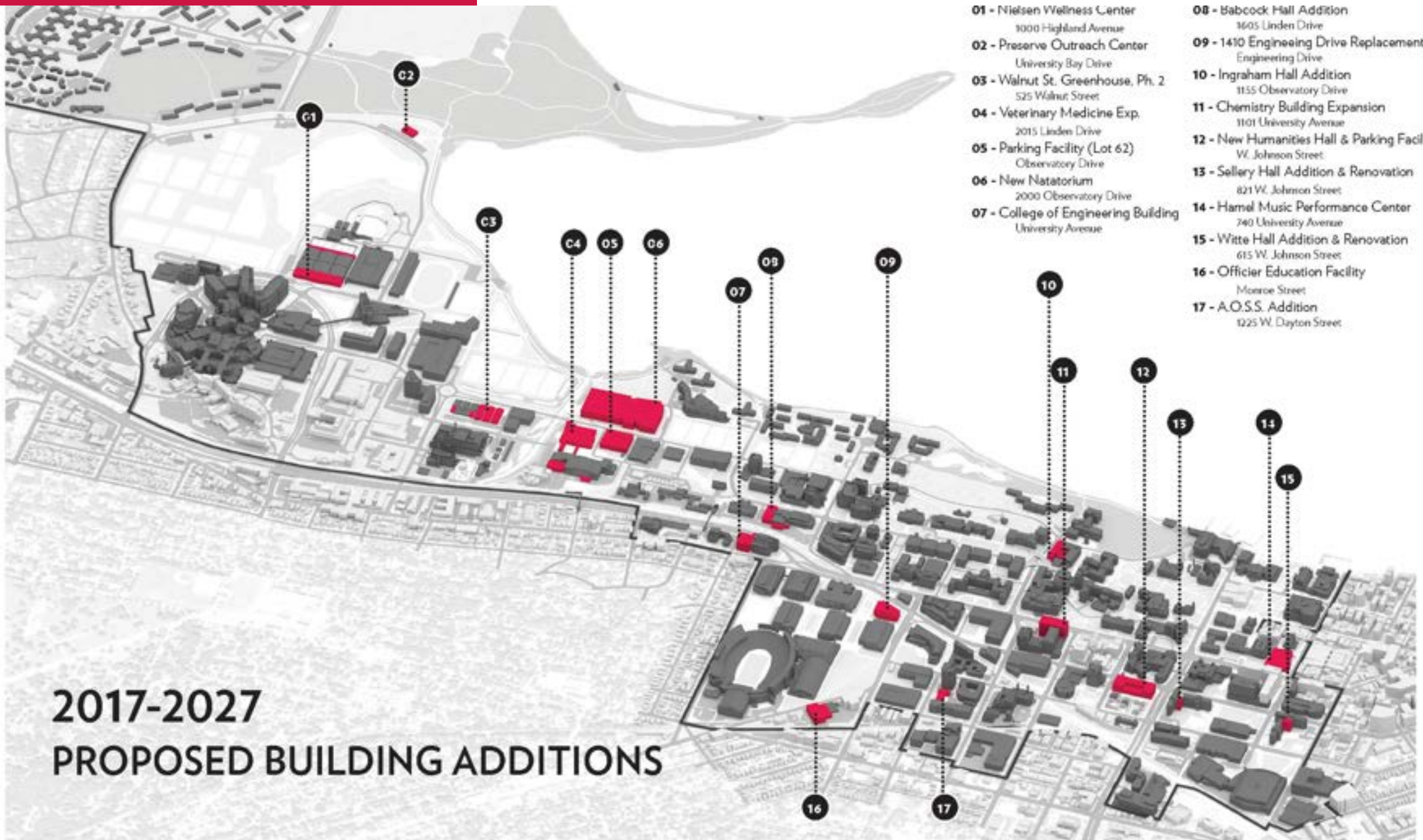
Official City of Madison C-I District Boundary & Approved Campus Master Plan Boundary

Major Recommendations

- **Focus on our campus landscape** by preserving and integrating our lakeside setting into the campus. Create new campus greenspaces, open areas, courtyards, plazas and quadrangles to tie and extend the main campus north of University Avenue into the more urban south campus area.
- Continue to **update and renovate our existing building** inventory to make them more flexible for reprogramming and reuse while providing capacity to grow and decompress our existing facilities. Build new buildings when programmatically necessary and with available funding identified.
- Assure our **aging utility infrastructure** is updated and our utility capacity stays ahead of our new future building needs. Maximize our opportunities for renewable energy.
- **Reduce our facility operating costs** and wisely manage our fiscal, physical and cultural resources.

Major Recommendations

- **Reduce stormwater runoff and increase permeability** of the campus landscape wherever possible to assure a healthy Yahara Lakes System and improve water quality. Become a national leader in stormwater management research, teaching and outreach.
- **Promote bicycling, walking and using alternatives modes** of transportation to and from campus.
- Maintain and expand our nationally known **Transportation Demand Management Plan** to reduce single occupancy vehicles coming to and from campus.
- **Add approximately 2,000 visitor parking spaces** to our existing overall parking capacity of 13,000 spaces over the next 20-40 years, maintaining our low permit ratios of 0.34 spaces/employee.



- 01 - Nielsen Wellness Center
1000 Highland Avenue
- 02 - Preserve Outreach Center
University Bay Drive
- 03 - Walnut St. Greenhouse, Ph. 2
525 Walnut Street
- 04 - Veterinary Medicine Exp.
2015 Linden Drive
- 05 - Parking Facility (Lot 62)
Observatory Drive
- 06 - New Natatorium
2000 Observatory Drive
- 07 - College of Engineering Building
University Avenue
- 08 - Babcock Hall Addition
1605 Linden Drive
- 09 - 1410 Engineering Drive Replacement
Engineering Drive
- 10 - Ingraham Hall Addition
1155 Observatory Drive
- 11 - Chemistry Building Expansion
1101 University Avenue
- 12 - New Humanities Hall & Parking Facility
W. Johnson Street
- 13 - Sallery Hall Addition & Renovation
821 W. Johnson Street
- 14 - Hamel Music Performance Center
740 University Avenue
- 15 - Witte Hall Addition & Renovation
615 W. Johnson Street
- 16 - Officer Education Facility
Monroe Street
- 17 - A.O.S.S. Addition
1225 W. Dayton Street

2017-2027 PROPOSED BUILDING ADDITIONS

CHANGING FOCUS FROM MORE BUILDINGS TO OPTIMIZING CAMPUS FACILITIES



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LAKE MENDOTA

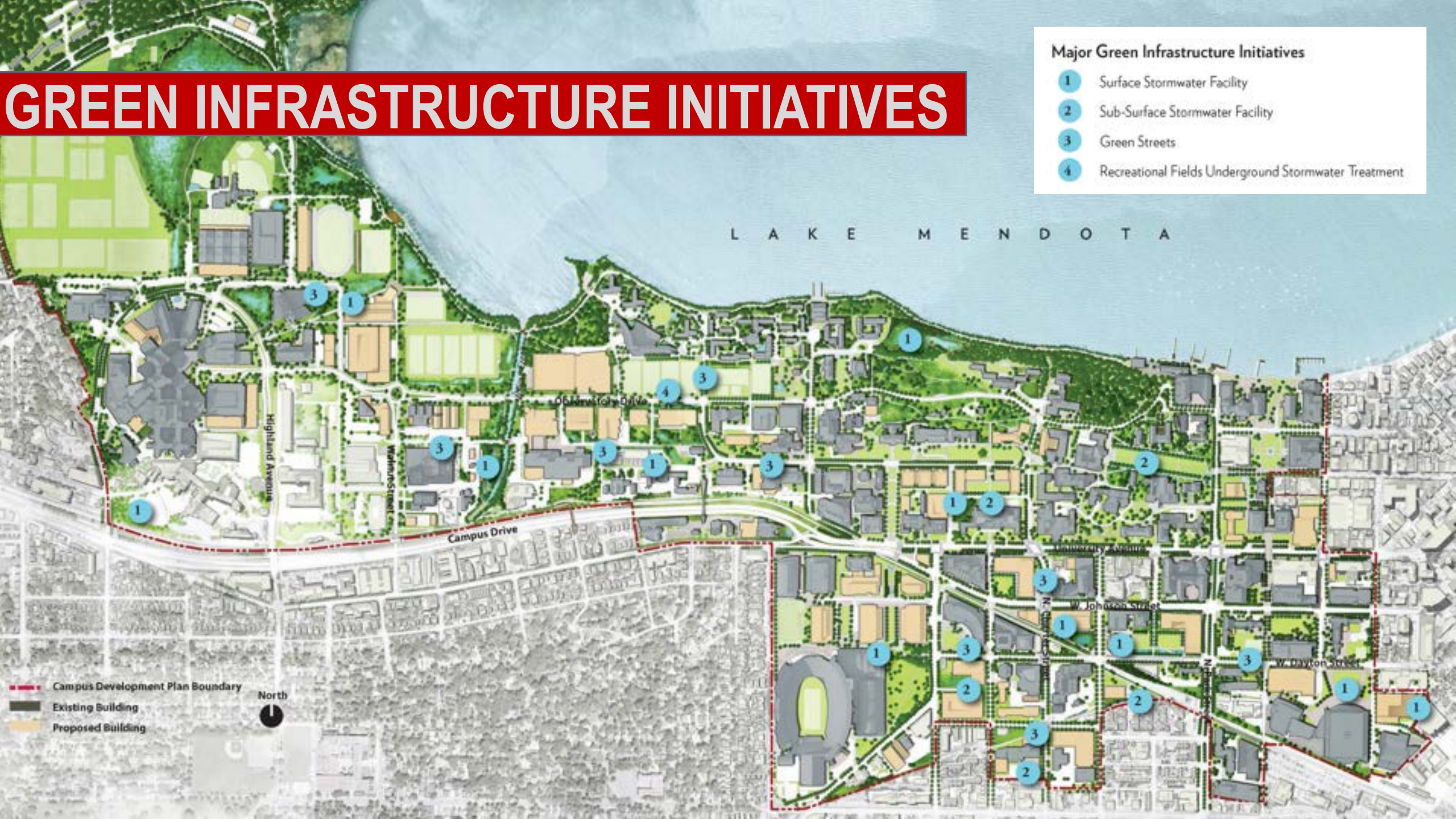
PROPOSED BUILDING REMOVALS 2020-2030

January 2021

Approx. 1.3M GSF Proposed for Removal

GREEN INFRASTRUCTURE INITIATIVES

- ### Major Green Infrastructure Initiatives
- 1 Surface Stormwater Facility
 - 2 Sub-Surface Stormwater Facility
 - 3 Green Streets
 - 4 Recreational Fields Underground Stormwater Treatment



WILLOW CREEK



Campus Drive

Vet Med

Dejope Hall

Observatory Drive

Willow Creek



North

LAKE MENDOTA

Rennebohm Hall

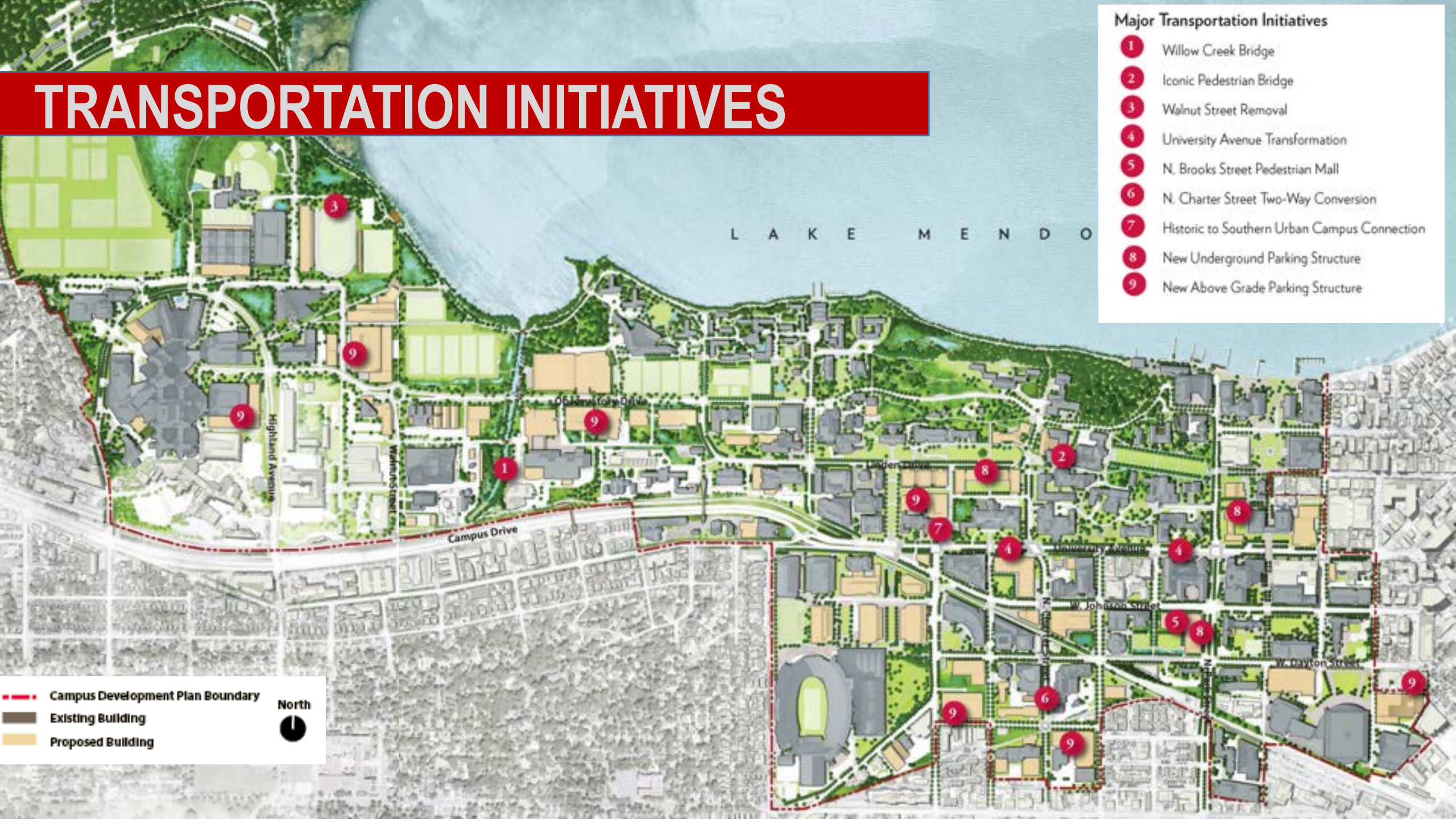




TRANSPORTATION INITIATIVES

Major Transportation Initiatives

- 1 Willow Creek Bridge
- 2 Iconic Pedestrian Bridge
- 3 Walnut Street Removal
- 4 University Avenue Transformation
- 5 N. Brooks Street Pedestrian Mall
- 6 N. Charter Street Two-Way Conversion
- 7 Historic to Southern Urban Campus Connection
- 8 New Underground Parking Structure
- 9 New Above Grade Parking Structure

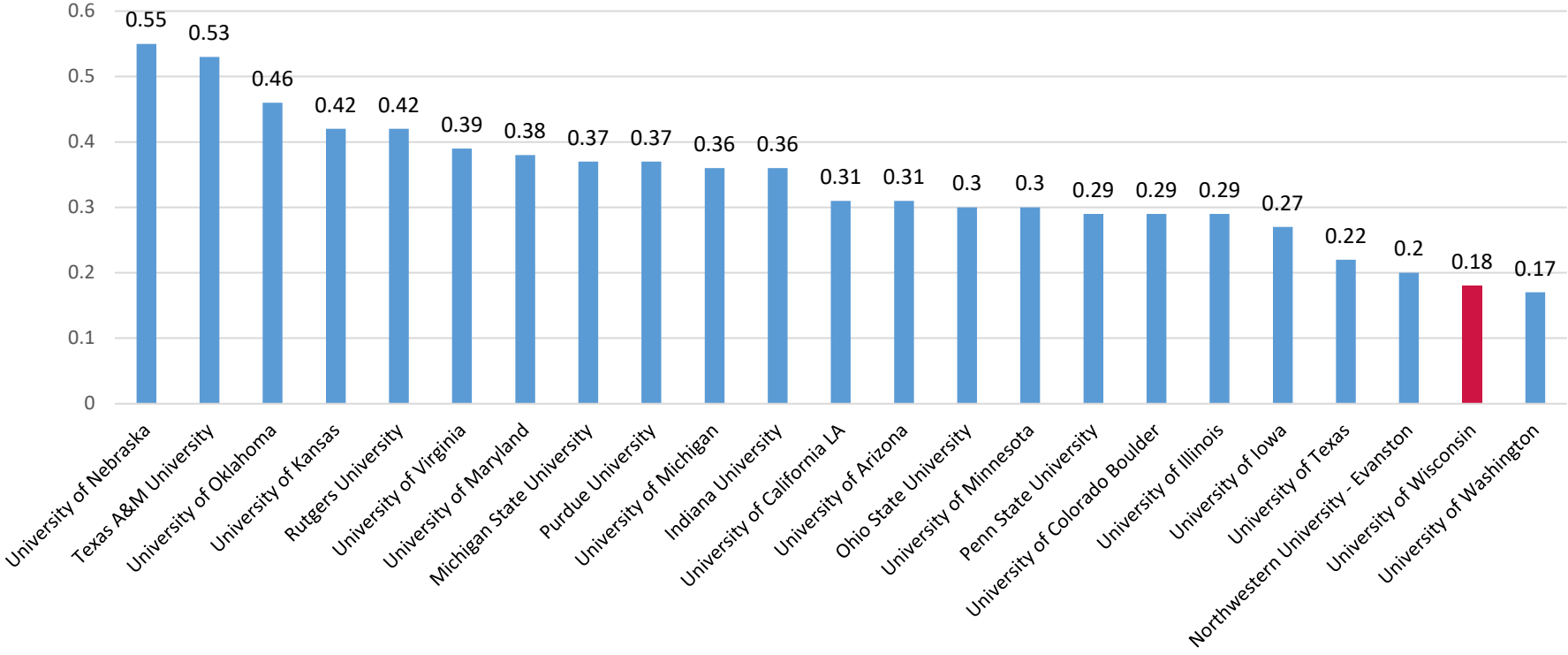


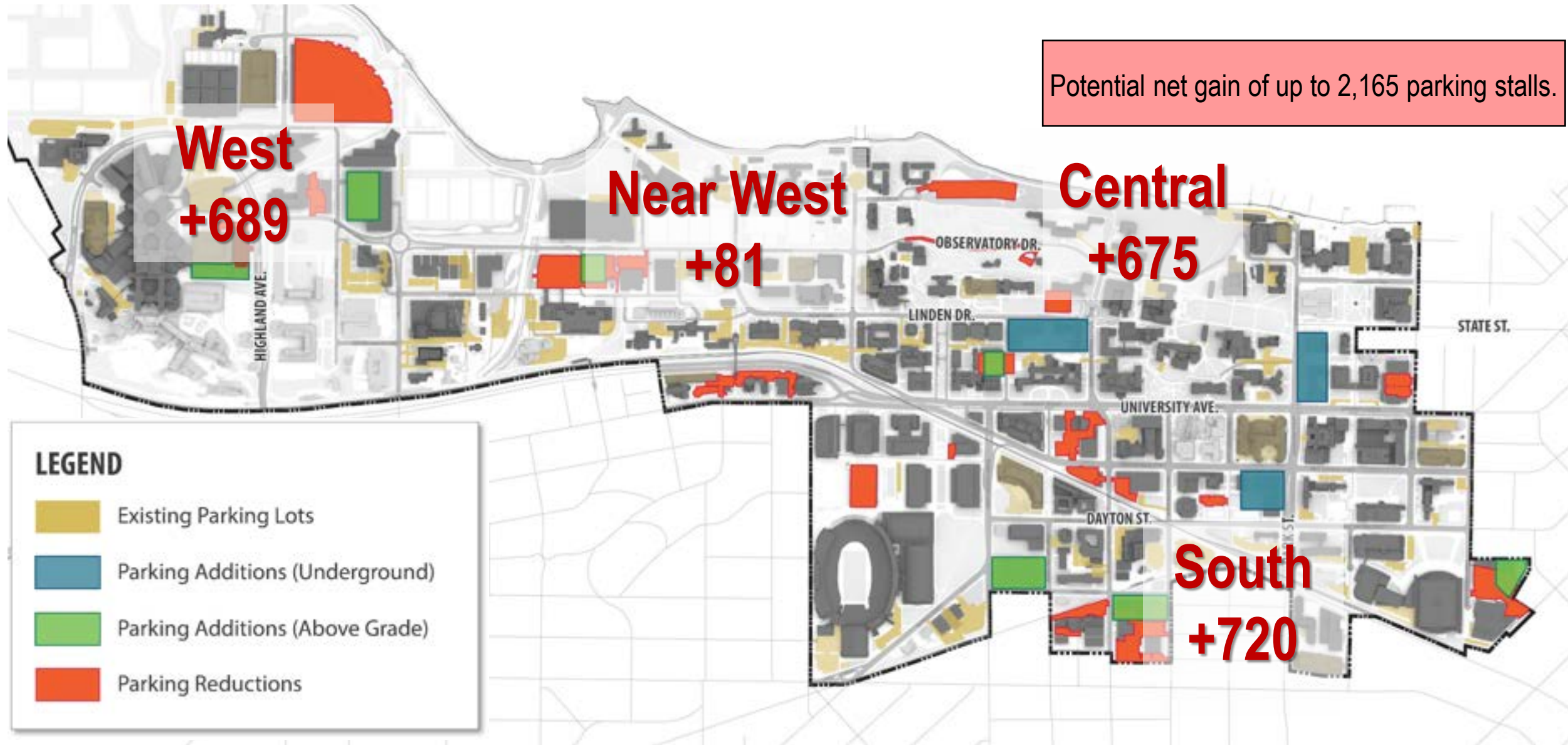
Transportation Recommendations

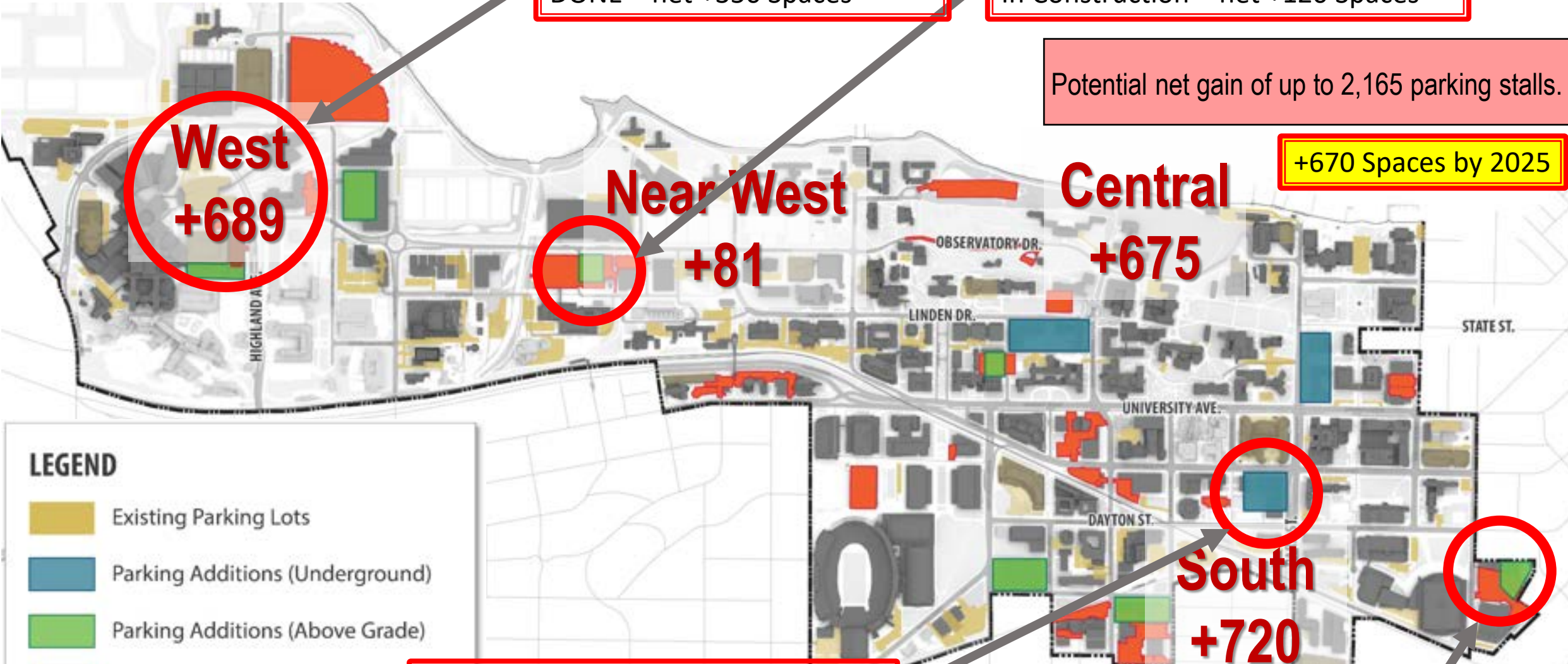
- National leader for those coming to campus via alternative modes (transit, walking, biking, etc.)
- Improve connections to existing regional and campus bike paths.
- Improve transit services, both on campus and to/from campus, including bus rapid transit.
- Create pedestrian connections, esp. around N. Charter Street and Linden Drive intersection.
- Complete intersection improvements on University Ave., N. Park Street, and N. Charter Street.
- Consolidate major existing surface parking lots to above or below ground parking structures to free up land for building & open space development. Add +/- 2,000 visitor parking spaces over the next 20-40 years and continue to monitor changes in modes of transportation.

MINIMAL PARKING TO MEET NEEDS

Selected Big Ten and Peer Universities
Parking Spaces Per Person (employees and students)







LEGEND

- Existing Parking Lots
- Parking Additions (Underground)
- Parking Additions (Above Grade)
- Parking Reductions

They're h-e-r-e!!!



UTILITY INITIATIVES

- Identified utility improvements
 - Needed because of proposed new construction (e.g. steam and chilled water piping with capacities exceeded)
 - Needed because of age of existing utilities (e.g. Bascom Hill/Lathrop utilities)
 - Needed because of new master plan initiatives (e.g. Dayton Street)
- Steam, Chilled Water, Electrical, Potable Water
- Focus on reliability and sustainability





RECENTLY COMPLETED PROJECTS

University of Wisconsin-Madison
Facilities Planning & Management

Hamel Music Performance Center



Occupants: Mead Witter School of Music
(650-seat performance hall; 330-seat recital hall; rehearsal room)

Project Size: 74,840 GSF / 55,250 ASF

Budget: \$55,800,000

Schedule: Started Design – November 2010
Complete Construction – October 2019

A/E: Strang, Inc. (w/ Holzman Moss Bottino)

Contractor: J.P. Cullen

State - \$0 (0%)

UW - \$55,800,000 (100%)

Witte Hall Renovation & Addition



Occupants: University Housing
Project Size: 287,324 GSF / 174,358 ASF (+102 replacement beds)
Budget: \$52,797,000
Schedule: Started Design – December 2014
Complete Construction – September 2019
A/E: Uihlein Wilson
Contractor: C.D. Smith

State - \$0 (0%)

UW - \$ 52,797,000 (100%)

Wisconsin Institute for Medical Research (WIMR) Addition



Occupants: UW-Madison School of Medicine and Public Health
Project Size: 36,868 GSF / 20,981 ASF
Budget: \$21,169,400
Schedule: Started Design – May 2016
Complete Construction – December 2019
A/E: Flad Architects
Contractor: Findorff



State - \$0 (0%)

UW - \$21,169,400 (100%)

Nicholas Recreation Center (“The Nick”) South East Recreational Facility (SERF)



Occupants:	University Recreation & Wellbeing (Rec Sports) / UW Athletics
Project Size:	250,800 GSF / 181,830 ASF
Budget:	\$96,541,000
Schedule:	Started Design – March 2015 Complete Construction – May 2020
A/E:	Workshop Architects (w/ HOK)
Contractor:	Miron Construction



State - \$0 (0%)

UW - \$96,541,000 (100%)

UW Field House Exterior and South Plaza Rehabilitation



Occupants: UW Athletics
Project Size: 190,200 GSF
Budget: \$5,993,000
Schedule: UW Athletics Master Plan – January 2017
Start Design – February 2020
Complete Construction – August 2021
A/E: SmithGroup (w/ Berners Schober Associates)

Linden Drive Parking Garage



Occupants: UW Transportation Services (600 spaces - net+120)
 Project Size: 190,200 GSF / 180,690 ASF
 Budget: \$23,647,000
 Schedule: Feasibility Study Complete – May 2017
 Start Design – August 2018
 Complete Construction – January 2021
 A/E: Potter Lawson (w/ Kimley Horn)

State - \$0 (0%)

UW - \$23,647,000 (100%)

Meat Science & Animal Biologics Discovery Building



Occupants: College of Agricultural & Life Sciences, Meat Sciences Department
Project Size: 67,540 GSF / 37,308 ASF
Budget: \$49,477,000
Schedule: Started Design – April 2014
Complete Construction – September 2020
A/E: Potter Lawson
Contractor: J.P. Cullen

State - \$24,377,000 (49%)

UW - \$25,100,000 (51%)



PROJECTS IN CONSTRUCTION

University of Wisconsin-Madison
Facilities Planning & Management

Babcock Hall Renovation & Addition



BUILDING FOR THE FUTURE



Pre-Function Break Out Space / Zimmerman



Center for Dairy Research - First Level Cheese

- Specialty Cheese Ripening Rooms
- Specialty Cheese Prep
- Cheese Vats
- CDR - Raw Process

Occupants: College of Ag & Life Sciences, Babcock Dairy Plant / Ctr. for Dairy Research
 Project Size: 84,350 GSF / 56,720 ASF
 Budget: \$46,920,000
 Schedule: Started Design – November 2013
 Complete Construction – May 2021
 A/E: Zimmerman Architectural Studios
 Contractor: C.D. Smith

State - \$22,209,000 (47%)

UW - \$24,711,000 (53%)

Chemistry Addition & Renovation



Occupants: Chemistry Department Instructional Labs
Project Size: 228,500 GSF / 135,000 ASF
Budget: \$133,100,000
Schedule: Started Design – September 2014
Complete Construction – March 2022
A/E: Strang, Inc. (w/Ballinger and Aro-Eberle)
Contractor: Miron Construction



State - \$91,839,000 (69%)

UW - \$41,261,000 (31%)

Gymnasium / Natatorium Replacement



Occupants: Recreation & Wellbeing (Rec Sports)
Project Size: 262,108 GSF / 170,200 ASF
Budget: \$126,391,000
Schedule: Rec Sports Master Plan – 2013
Start Design – October 2018
Complete Construction – December 2022
A/E: Kahler Slater

State - \$0 (0%)

UW - \$126,391,000 (100%)

Sellery Hall Renovation & Addition



Occupants: UW Housing
 Project Size: 308,933 GSF / 199,695 ASF (+250 replacement beds)
 Budget: \$78,811,000
 Schedule: Start Design – October 2018
 Complete Construction – December 2024
 A/E: Uihlein Wilson Architects

State - \$0 (0%)

UW - \$78,811,000 (100%)



PROJECTS IN PLANNING & DESIGN

University of Wisconsin-Madison
Facilities Planning & Management

Kohl Center Addition



Occupants: UW Athletics
Project Size: 42,000 GSF
Budget: \$48,074,000
Schedule: UW Athletics Master Plan – January 2017
Start Design – March 2019
Complete Construction – November 2023
A/E: Berners Schober Associates



State - \$ (0%)

UW - \$48,074,000 (100%)

Veterinary Medicine Addition & Renovation



Occupants: School of Veterinary Medicine (SVM)
Project Size: 139,000 GSF / 75,000 ASF
Budget: \$128,103,000
Schedule: Feasibility Study Complete – October 2015
Start Design – July 2019
Complete Construction – February 2025
A/E: Flad Architects

State - \$88,656,000 (0%)

UW - \$39,447,000 (100%)

Letters & Science Academic Building



Street Level View of Proposed Humanities Building

Occupants: L&S History Department, Center for Jewish Studies
Project Size: 333,363 GSF / 168,310 ASF
Budget: \$88,400,000
Schedule: Feasibility Study Complete
Start Design – June 2021
Complete Construction – May 2025
A/E: TBD – Interviews May 18, 2021

State - \$65,320,000 (64%)

UW - \$23,080,000 (36%)

Engineering Academic/Research Building, Phase I



Occupants: College of Engineering
Project Size: 170,000 GSF / 106,300 ASF
Budget: \$ 150,000,000
Schedule: Feasibility Study Complete
Start Design – June 2021
Complete Construction – January 2028
A/E: Ballinger (Philadelphia, PA)

State - \$100,000,000 (67%)

UW - \$50,000,000 (33%)



Questions??



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LAKE MENDOTA

- - - Campus Development Plan Boundary
- Existing Building
- Proposed Building

North