



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON

Capital Development Update for the Academic Staff Assembly

David Darling, Associate Vice Chancellor for Facilities Planning & Management

November 12, 2018

UW-Madison Development Projects



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON
2017
Facilities Planning & Management



- ★ Recently Completed Projects
- ★ Projects in Construction
- ★ Projects in Design
- ★ Proposed Future Projects



Map: UW Cartography Lab & Wisconsin State Cartographer's office

RECENTLY COMPLETED: 8 Major Projects – \$132.8M



UW HOSPITAL PARKING STRUCTURE



NEAR WEST PLAYFIELDS



ALUMNI PARK



UW POLICE DEPARTMENT ADDITION



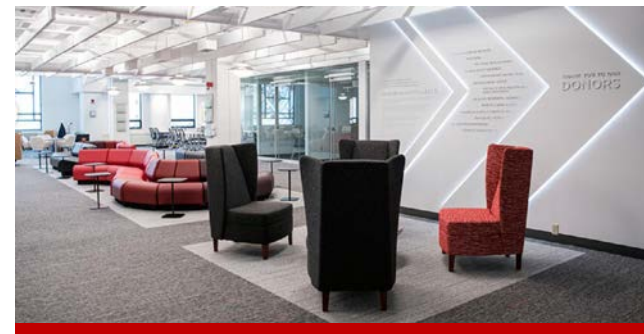
MEMORIAL UNION – PHASE II



BELOW ALUMNI CENTER



WENDT COMMONS



GRAINGER LEARNING COMMONS

IN CONSTRUCTION: 9 Major Projects – \$464.5M



CHEMISTRY ADDITION & RENOVATION



SERF REPLACEMENT (NICHOLAS REC)



HAMEL MUSIC PERFORMANCE CENTER



WITTE HALL RENOVATION & ADDITION



MEAT AND MUSCLE BIOLOGY LAB



BABCOCK HALL / DAIRY RESEARCH CTR



WIMR ADDITION

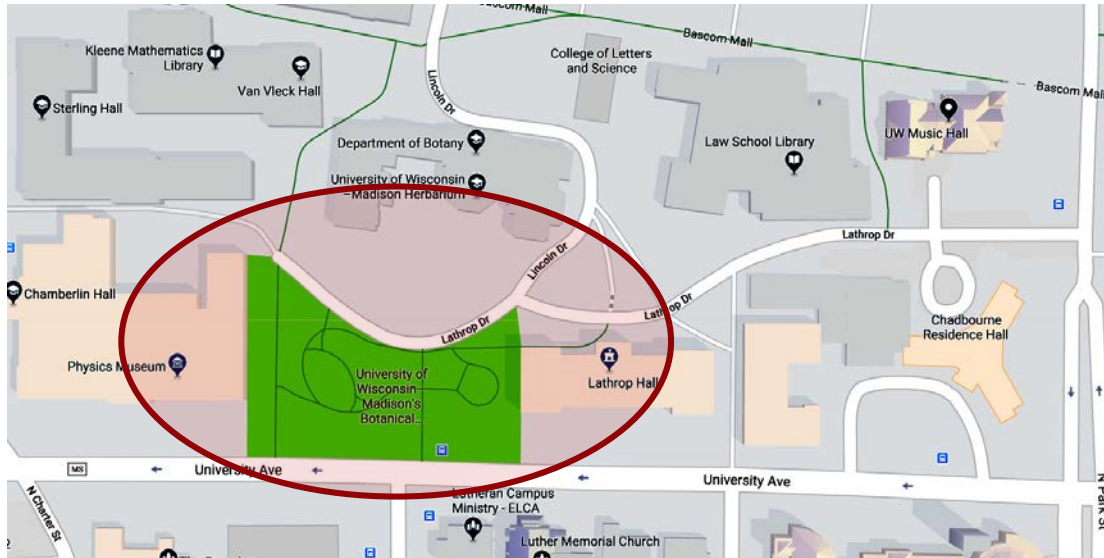


HOOFERS DOCK & DECK REPLACEMENT



ENGINEERING HALL STRUCTURES LAB

IN DESIGN: 2 Major Projects – \$56.3M



LATHROP / BASCOM UTILITIES, PHASE I



LINDEN DRIVE PARKING GARAGE

3Q 2018

18 Major Capital Projects

	Funding (in millions)
IN CONSTRUCTION 9 Major Projects	\$ 464.5
IN DESIGN 2 Major Projects	\$ 56.3
19-21 ENUMERATION 6 Major Projects	\$ 479.1
FOXCONN	\$ 150.0
TOTAL	\$ 1,149.9

Requested Projects: 2019-21 Biennium

UW-Madison's Requested Projects

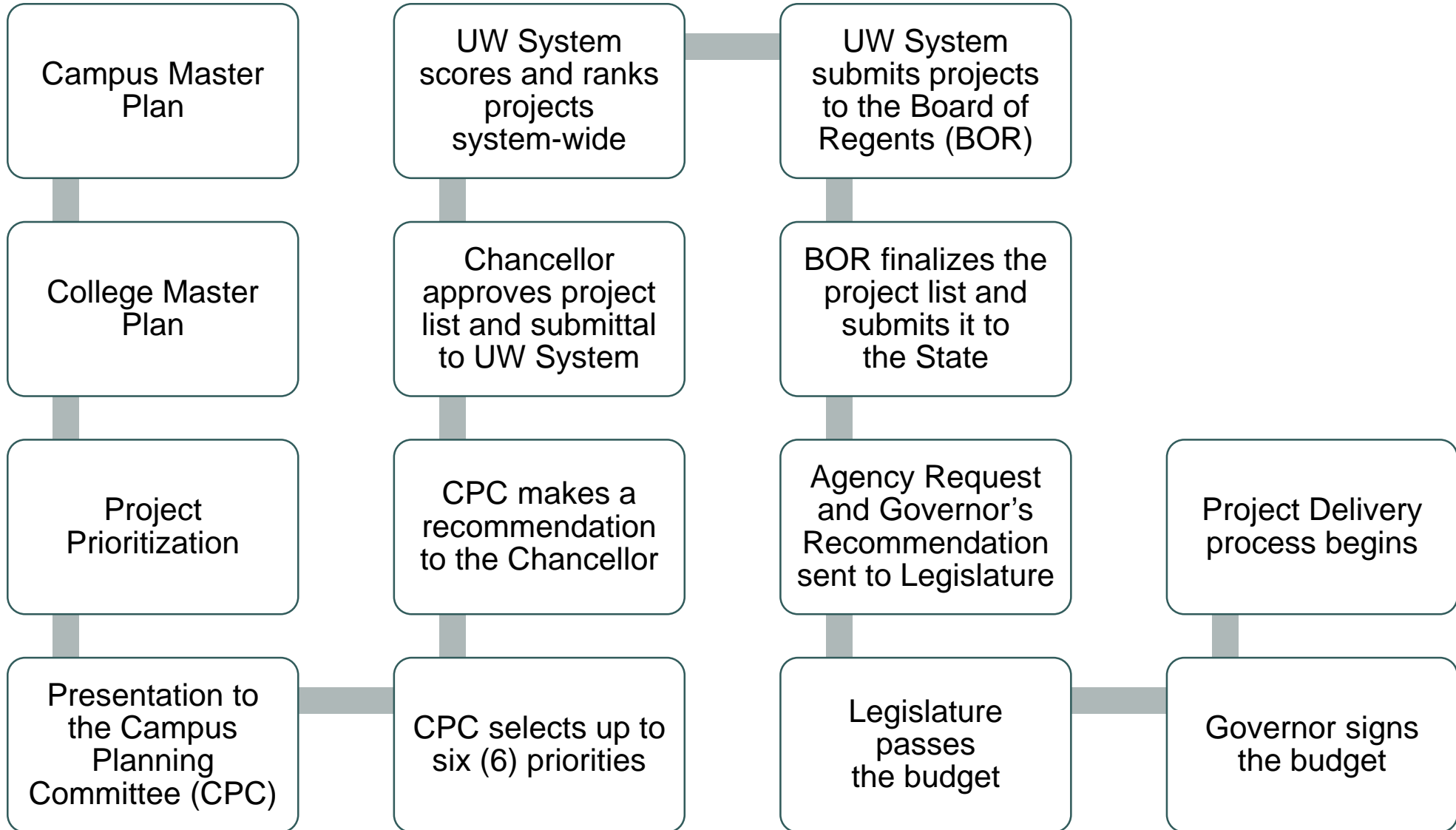
- Bascom Hill Lathrop Dr. Utility Replacement, Phase II
- Sellery Hall Addition & Renovation
- Veterinary Medicine Addition & Renovation
- Gymnasium/Natatorium Replacement
- Kohl Center Addition & Renovation
- Camp Randall Stadium Renovation/Field House Repairs

2019-21 PROPOSED CAPITAL BUDGET REQUEST in AGENCY-WIDE PRIORITY ORDER									
PROJECT REQUEST DETAILS				FUNDING SOURCES					
ID	INST	BLDG ID	PROJECT TITLE	BUDGET	GFSB	PRSB	CASH	GIFTS	BTF
2019-21 ENUMERATION REQUESTS									
1	SYS	285-0Y-9950	ALL AGENCY PROJECTS PROGRAM FUNDING	\$ 300,000,000	\$ 200,000,000	\$ 100,000,000	\$ 0	\$ 0	\$ 0
2	SYS	285-0Y-9950	INSTRUCTIONAL SPACE PROJECTS PROGRAM FUNDING	\$ 38,000,000	\$ 38,000,000	\$ 0	\$ 0	\$ 0	\$ 0
3	MIL	285-0B-9999	CHEMISTRY BUILDING/CENTRAL UTILITIES EXTENSION	\$ 129,535,000	\$ 129,535,000	\$ 0	\$ 0	\$ 0	\$ 0
4.1	EAU	285-0C-9930	UPPER/LOWER CAMPUS STEAM UTILITY REPLACEMENT	\$ 19,767,000	\$ 11,663,000	\$ 8,104,000	\$ 0	\$ 0	\$ 0
4.2	MSN	285-0A-9920	BASCOM HILL/LATHROP DR. UTILITY REPLACEMENT, PHASE II	\$ 20,076,000	\$ 14,660,000	\$ 5,416,000	\$ 0	\$ 0	\$ 0
4.3	WTW	285-0N-0031	HEATING PLANT BOILERS FUEL RETROFIT	\$ 6,937,000	\$ 3,954,000	\$ 2,983,000	\$ 0	\$ 0	\$ 0
4.4	OSH	285-0F-0061	HEATING PLANT CHILLER & COOLING TOWER REPLACEMENT	\$ 3,465,000	\$ 2,495,000	\$ 970,000	\$ 0	\$ 0	\$ 0
4.5	EAU	285-0C-0004	LOWER CAMPUS CHILLER & COOLING TOWER REPLACEMENT	\$ 3,764,000	\$ 2,785,000	\$ 979,000	\$ 0	\$ 0	\$ 0
5	PKS	285-0G-9950	CAMPUS FIRE ALARM SYSTEM RENOVATION	\$ 6,773,000	\$ 5,554,000	\$ 1,219,000	\$ 0	\$ 0	\$ 0
6	STO	285-0L-0073	SOUTH HALL ADDITION & RENOVATION	\$ 35,015,000	\$ 0	\$ 35,015,000	\$ 0	\$ 0	\$ 0
7	MIL	285-0B-1980	STUDENT UNION RENOVATION	\$ 40,723,000	\$ 0	\$ 35,000,000	\$ 5,723,000	\$ 0	\$ 0
8	MSN	285-0A-1245	SELLERY HALL ADDITION & RENOVATION	\$ 78,811,000	\$ 0	\$ 59,108,000	\$ 19,703,000	\$ 0	\$ 0
9	LAX	285-0E-0007A	PRAIRIE SPRINGS SCIENCE CENTER, PHASE II	\$ 83,020,000	\$ 78,140,000	\$ 0	\$ 0	\$ 0	\$ 4,880,000
10	MSN	285-0A-0093	VETERINARY MEDICINE ADDITION & RENOVATION	\$ 128,103,000	\$ 88,656,000	\$ 0	\$ 0	\$ 38,000,000	\$ 1,447,000
11	LAX	285-0E-9950	COATE HALL/SANFORD HALL ADDITIONS & RENOVATIONS	\$ 15,251,000	\$ 0	\$ 13,251,000	\$ 2,000,000	\$ 0	\$ 0
12	LAX	285-0E-0001	GRAFF MAIN HALL HVAC SYSTEM RENOVATION	\$ 13,822,000	\$ 13,822,000	\$ 0	\$ 0	\$ 0	\$ 0
13	STP	285-0K-9999	STUDENT HEALTH & WELLNESS CENTER	\$ 32,500,000	\$ 0	\$ 25,200,000	\$ 7,300,000	\$ 0	\$ 0
14	EAU	285-0C-9999	SCIENCE/HEALTH SCIENCE BUILDING, PHASE I	\$ 109,000,000	\$ 93,250,000	\$ 0	\$ 2,041,000	\$ 13,709,000	\$ 0
15	MSN	285-0A-9999	GYMNASIUM/NATATORIUM REPLACEMENT	\$ 126,391,000	\$ 0	\$ 91,991,000	\$ 0	\$ 34,400,000	\$ 0
16	LAX	285-0E-9999	FIELDHOUSE & SOCCER SUPPORT FACILITY	\$ 49,035,000	\$ 0	\$ 24,517,500	\$ 24,517,500	\$ 0	\$ 0
17	MSN	285-0A-0225	KOHL CENTER ADDITION & RENOVATION	\$ 48,074,000	\$ 0	\$ 33,974,000	\$ 4,100,000	\$ 10,000,000	\$ 0
18	LAX	285-0E-9999	RESIDENCE HALL	\$ 41,104,000	\$ 0	\$ 41,104,000	\$ 0	\$ 0	\$ 0
19	MSN	285-0A-9950	CAMP RANDALL STADIUM RENOVATION/FIELD HOUSE REPAIRS	\$ 77,646,000	\$ 0	\$ 68,046,000	\$ 6,600,000	\$ 3,000,000	\$ 0
20	MIL	285-0B-9999	KLOTSCH CENTER ANNEX ADDITION	\$ 7,000,000	\$ 0	\$ 0	\$ 7,000,000	\$ 0	\$ 0
24 REQUESTS			2019-21 ENUMERATION REQUESTS SUBTOTAL	\$ 1,413,812,000	\$ 682,514,000	\$ 546,877,500	\$ 78,984,500	\$ 99,109,000	\$ 6,327,000
2019-21 PLANNING(*) and 2021-23 ADVANCED ENUMERATION (**) REQUESTS									
21	RVF	285-0J-9999	SCIENCE & TECHNOLOGY INNOVATION CENTER	\$ 110,932,000	\$ 104,291,000	\$ 0	\$ 0	\$ 0	\$ 6,641,000
22	EAU	285-0C-9999	SCIENCE/HEALTH SCIENCE BUILDING, PHASE II	\$ 147,152,000	\$ 136,905,000	\$ 0	\$ 0	\$ 0	\$ 10,247,000
23	MIL	285-0B-9999	ENGINEERING BUILDING/CENTRAL UTILITIES EXTENSION	\$ 103,258,500	\$ 95,417,000	\$ 0	\$ 0	\$ 0	\$ 7,841,500
24	MSN	285-0A-9999	ENGINEERING BUILDING	\$ 145,756,000	\$ 68,872,500	\$ 0	\$ 2,915,000	\$ 68,872,500	\$ 5,096,000
25	WTW	285-0N-0010	WINTHER HALL ADDITION & RENOVATION	\$ 42,680,500	\$ 41,060,000	\$ 0	\$ 0	\$ 0	\$ 1,620,500
5 REQUESTS			2019-21 PLANNING and 2021-23 ADVANCED ENUMERATION REQUESTS SUBTOTAL	\$ 549,779,000	\$ 446,545,500	\$ 0	\$ 2,915,000	\$ 68,872,500	\$ 31,446,000
29 REQUESTS			2019-21 CAPITAL BUDGET REQUEST TOTAL	\$ 1,963,591,000	\$ 1,129,059,500	\$ 546,877,500	\$ 81,899,500	\$ 167,981,500	\$ 37,773,000
(*) = INCLUDES \$23,524,000 BTF for PLANNING and \$2,915,000 CASH for PLANNING (**) = INCLUDES \$14,249,000 BTF for DEMOLITION									

38 Capital Renovation Projects

Project	Budget	Project	Budget
University Houses Roof Replacement & Repair	\$2,766,000	Goodman Softball Locker Room Remodel	\$972,000
Biochemistry Instrument Facility	\$2,700,000	Limnology Lift Station & FM	\$847,000
Lot 76 Sanitary Lift Station Renovation	\$2,396,000	Ingraham 115, 116, 214, 215 Renovation	\$822,000
Ed Sciences 4th & 9th Floor Renovation	\$2,267,000	Camp Randall West Concourse Roof Replacement	\$817,000
Cole Hall & Phillips Hall Fire Alarm & Sprinkler Upgrade	\$2,130,000	SoHE 2nd Floor Legacy Hall Remodel	\$814,000
Curtis Pond Rehabilitation	\$2,109,000	445 Henry Mall Remodel for OSC	\$810,000
Red Gym Remodel	\$2,000,000	School of Medicine & Public Health Master Plan	\$750,000
Bascom Hall Room 165 Remodel	\$1,900,000	Chamberlin 5th Floor Remodel for Kolkowitz Lab	\$715,000
Field House South Plaza Redevelopment	\$1,826,000	Lots 129 & 130 Reconstruction	\$700,000
ECB MOCVD Semiconductor Lab Remodel	\$1,662,400	Sterling Hall Renovation for TREX Plasma Physics	\$563,000
Engineering Hall Plaza & Entrance Renovation	\$1,425,815	West Madison ARS Seed Coolers II	\$500,000
Memorial Library UW Press	\$1,424,000	Blaine Dairy Feeder Trough System	\$432,100
WARF 2nd & 4th Floors Office Improvements	\$1,422,000	Chemistry 4th Floor Laser Lab	\$353,000
Biochemistry Electron Microscope	\$1,400,000	McClimon Soccer Field Turf Replacement	\$350,000
Biochemistry Loading Dock Renovation	\$1,300,000	Waisman Water Meter Pit	\$164,920
MSC Remodel for Chemistry	\$1,300,000	Art Department Feasibility Study	\$200,000
Field House Exterior Renovation	\$1,232,127	Lakeshore Path Limnology Route Study	\$40,000
Primate Center Backup Generator	\$1,200,000	Sewell Floor Addition Structural Feasibility Study	\$15,000
Elm Drive Lift Station	\$1,160,700		
Helen C. White Restroom Upgrades	\$1,110,000		
			\$44,596,062

Capital Project Selection & Funding



UW-Madison Deferred Maintenance Backlog

\$1,295,000,000 GPR + \$244,000,000 PR

= \$1,539,000,000

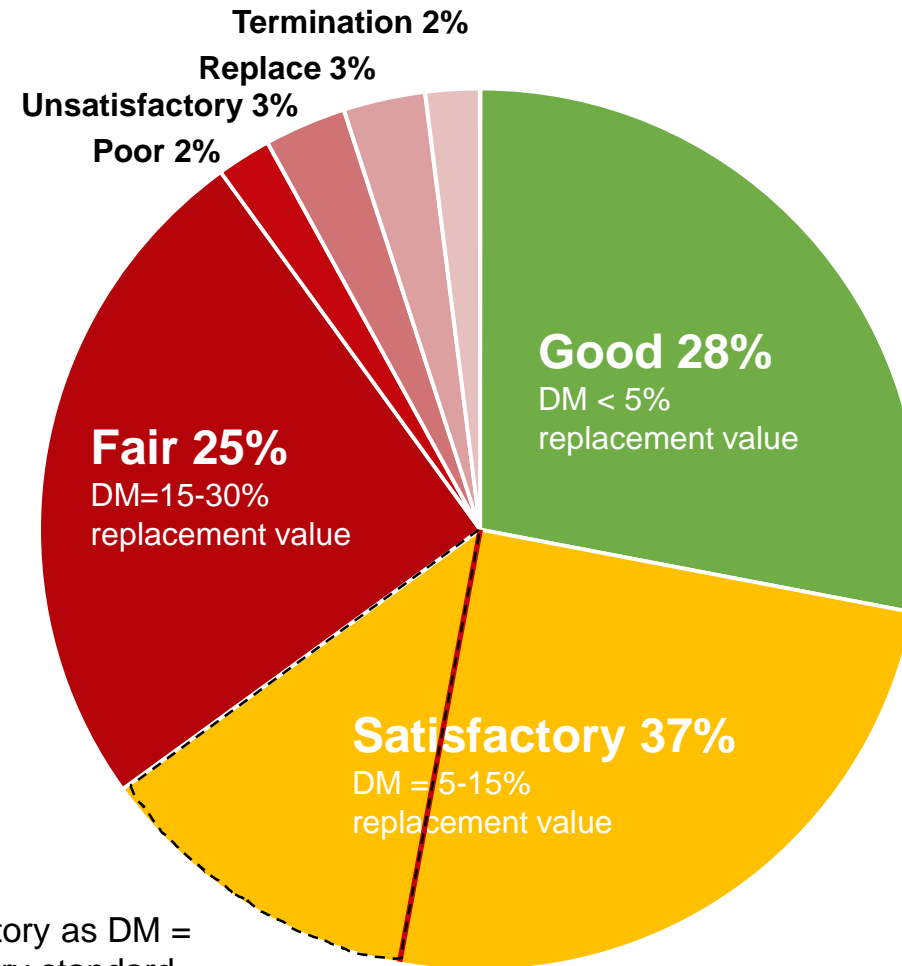
This is **~20x** UW-Madison's annual facilities operating budget.



This value includes deferred maintenance and known repair needs.

Source: UWSA Deferred Maintenance Report to DFD, Aug. 2016

Building Physical Conditions by GSF



UWSA defines satisfactory as DM = 5-15%, while the industry standard satisfactory is DM = 5-10%

Source: UWSA Capital Planning & Budget. (2016). CDR Facilities Central Database [Data Table: BldgRatings_2016]



Questions?



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON

LAKE MENDOTA

 Campus Development Plan Boundary

 Existing Building

 Proposed Building

North 

