Facilities Planning & Management
UNIVERSITY OF WISCONSIN–MADISON

PHYSICAL PLANT
April 2021 Operations Report

From the Director's Desk....

As we move from spring into summer, Physical Plant is focused on projects and other work that will have the greatest impact to the University's mission and that can be completed more efficiently while occupancy levels on campus remain low during the summer months.

Lower occupancy and favorable weather provides an opportunity to address many issues and this summer is no exception. There is a lot of activity to support education and research efforts across campus, including new construction, renovations and laboratory improvements, major maintenance, major repairs, and continuous improvement of the grounds.

Please stay alert to the changing activity across campus and be sure to monitor the weekly *Cone Zone* for updates about projects that may affect your area of campus.

We are incredibly proud of the stewardship and work our teams provide every day to create environments in which our campus community can thrive.

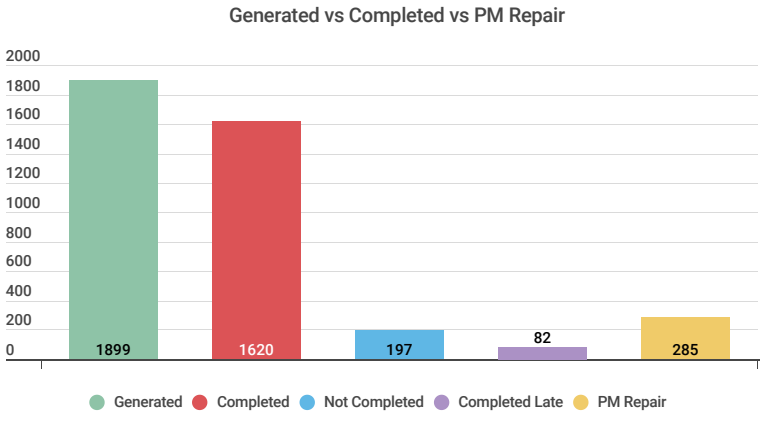
—Jay Bieszke

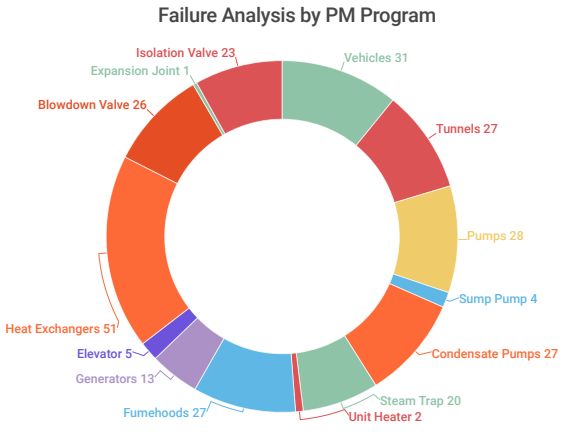
Air Conditioning Startup

At the end of April, 100 percent of campus facilities have been converted from heating to cooling.

PREVENTIVE MAINTENANCE

In March, Physical Plant technicians completed more than 1600 PM activities and generated 285 follow-on repairs.



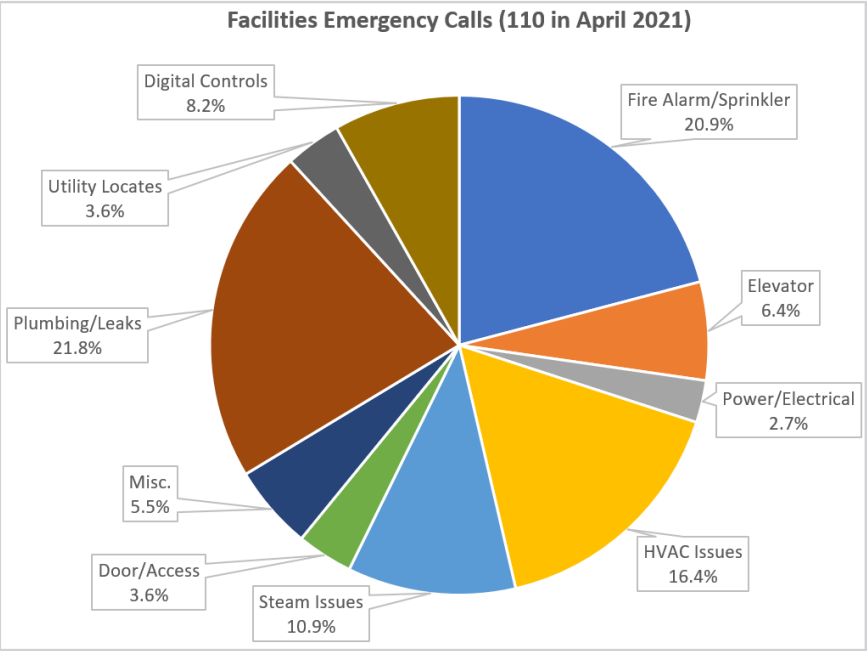


BREAKDOWNS AND EMERGENCY CALLS

There were 110 facilities emergency calls in April 2021 and two major facilities issues.

Van Hise Hall. On April 4, two precast concrete panels failed and fell from the 3rd floor deck over the main entrance of Van Hise Hall, requiring that the building be closed. A detailed engineering assessment recommended that all similar panels be removed from the 3rd and 4th floors. These panels have been removed and both waterproofing and other temporary repairs (including fall prevention) have been completed.

Temporary repairs are expected to remain in-place for several months while a permanent repair project is developed.



Mosse Humanities Building. On April 27, Physical Plant staff conducting routine spring maintenance identified a potential safety issue with the exterior of the Humanities Building.

A subsequent engineering review determined that an expansion joint on the 6th floor on the northwest side of the building had failed. The 1st, 2nd, 6th, and 7th floors in this area (there are no 3rd through 5th floors on the west side of the building) were closed to allow repair work to take place. These areas reopened on May 20.

PROJECTS SUBSTANTIALLY COMPLETED AND CLOSED OUT—APRIL 2021

Ten projects (worth $376K) reached substantial completion during the past month.

Project Number	Building	Description	Value
PRJ-21-002301	Medical Foundation Centennial Bldg	Sound Mitigation	$14K
PRJ-21-002415	Van Vleck	Install AV System	$10K
PRJ-21-002416	Van Vleck	Install AV Equipment	$10K
PRJ-21-002187	Computer Science	Renovate Room	$50K
PRJ-21-002318	Brogden Psychology	Replace Acoustic Wall Panels	$42K
PRJ-21-002204	Integrated Biology Research	Renovate Rooms	$116K
PRJ-20-001424	Biochemistry Building	Renovate Rooms/Add Wall	$75K
PRJ-20-002047	Ingraham Hall	Update CCAS Break Room	$25K
PRJ-21-002321	Moore Hall	Mitigate Code Issues in Mechanical Spaces	$11K
PRJ-21-002146	Computer Science	Create a Robotics Research Lab	$23K
		Total Value of Work (Final Amount TBD)	***$376K***

How Much Paper is Recycled?

CLEAN OFFICE PAPER

Clean office paper is plain white paper with black or colored ink.

*UW-Madison **receives** about **$85/ton** to recycle clean office paper*

UW-Madison's paper waste gets hauled away for recycling. Each semi-truck load holds 26 pallets of paper.

MIXED PAPER

Includes colored paper, brochures, folders, magazines, soft covered books, newspapers, and cardboard.

*UW-Madison **pays** about **$70/ton** to recycle mixed paper.*

in 2020

2020 was an exceptional year. UW-Madison recycled a little less than one semi-trailer full of clean office paper and received $2,000 for recycling it.

almost 1 truckload

received $2k

In 2020 UW-Madison recycled 41 truckloads of mixed paper and paid $37,000.

41 truckloads

paid $37k

in 2019

In 2019 UW-Madison recycled more than 8 truckloads of clean office paper and received $18,000 for recycling it.

8 truckloads

received $18k

UW-Madison recycled 60 truckloads of mixed paper at a cost of $54,000.

60 truckloads

paid $54k

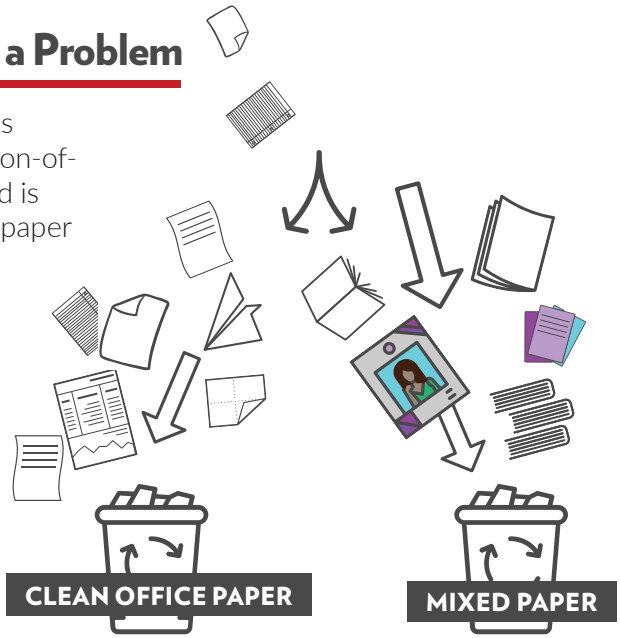
Contamination is a Problem

If a load of office paper is contaminated with any non-office paper, the whole load is downgraded to a mixed-paper grade.

HOW TO HELP

Sort it out

Please ONLY put clean office paper into the office paper containers. All other types of paper should go into a mixed paper container.



There are 2 paper waste streams.

A Bright Side

Even though we pay to recycle mixed paper, each ton recycled saves **17 trees**.

In a typical year, UW-Madison saves:

13,175 trees,

5.4 million gallons of water, and

358,825 gallons of oil.

Operationally Critical Projects Underway for Summer 2021 Construction

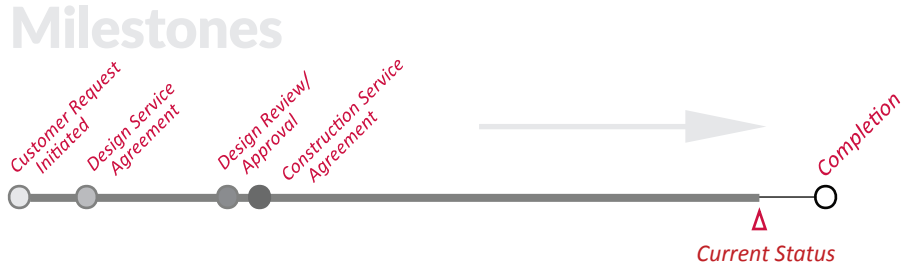
Summer 2021 in-house construction efforts are fully underway. This year projects were selected based on a collective effort that included representatives from SMPH, L&S, CALS, VCRGE, CoE, and DoIT. The ad-hoc team collaboratively prioritized projects and identified the ones that would have the greatest impact to the University's mission and benefitted from reduced summertime campus occupancy.

Current Status Summary	
Design	0
Estimating	10
Construction	12
Complete	10
Awaiting Commitment	0
Customer Withdrawn/Postponed	2

KEY

Project Milestones / Progress

Projects generally follow a series of standard milestones as we work with the customer to clarify scope, design, and the details; and conduct detailed work planning, order materials, and execute construction.



PRJ-21-002280 **Convert Instructional Lab 118 for Research** **$12K**
CALS
Agricultural Engr. Laboratory
Construction Complete

PRJ-21-002300 **Create Additional Entry/Egress, Rm 319C** **$12K**
CALS
Biochemistry Bldg.
Construction Complete

PRJ-21-002406 **Renovate Research Lab & Offices 5th Floor** **$142K**
CALS
Moore Hall
Construction 20%

PRJ-21-002491 **Renovate Lab B355 to Improve Utilization** **$143K**
College of Engineering
Engineering Hall
Estimating

PRJ-21-002461 **Renovate Room 2109 to Create Wet Lab** **$167K**
College of Engineering
Mechanical Engr.
Estimating

WO 21-071487 **Upgrade Classroom 321** **$15K**
Letters & Science
Noland Hall
Construction Complete (scope reduced by customer)

PRJ-21-002520 **Create 1st Floor Grad Lounge** **$45K**
Letters & Science
Elvehjem Building
Estimating

PRJ-21-002195 — Letters & Science, Birge Hall
Renovate Sample Containment Lab B244 — **$114K**

PRJ-21-002204 — Letters & Science, Integrative Biology Research Building
Create Research Lab 124-128 for Incoming PI — **$30K**

PRJ-21-002223 — Letters & Science, Integrative Biology Research Building
Renovate Research Lab Rm 28 for Incoming PI — **$66K**

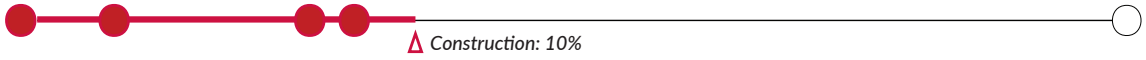
PRJ-21-002243 — Letters & Science, Integrative Biology Research Building
Renovate Research Lab 116-120 for Incoming PI — **$190K**

PRJ-21-002264 — Letters & Science, Birge Hall
Renovate Research Lab 347-351 for Incoming PI — **$21K**

PRJ-21-002443 — Letters & Science, Social Sciences
Update Class Lab 5310 - ILM — **$20K**

PRJ-21-002442 — Letters & Science, Sterling Hall
Update Class Lab 3517- ILM — **$22K**

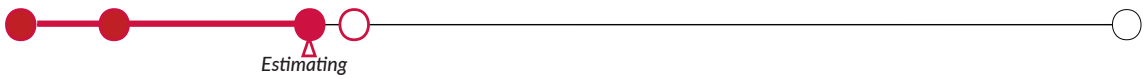
PRJ-21-002364 — Letters & Science, Birge Hall
Update Class Lab - ILM — **$117K**



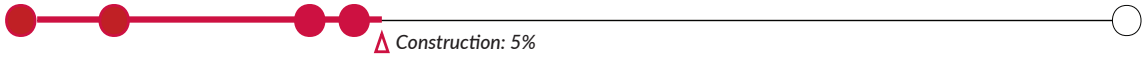
PRJ-21-002146 — Letters & Science, Computer Science
Renovate Research Lab 1351 or 1355 — **$25K**

PRJ-21-002174 — Letters & Science, Computer Science
Renovate Conference Rooms 3310, 3410 — **$27K**

PRJ-21-002344 — Letters & Science, Weeks Hall
Renovate Lab Support Room 270 - ILM — **$197K**

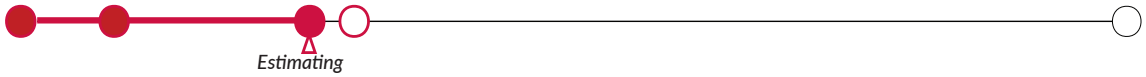


PRJ-21-002446 — **Upgrade Classroom 1561 - ILM** — **$66K**
Letters & Science
Humanities



PRJ-21-002445 — **Upgrade Classroom 1351 - ILM** — **$32K**
Letters & Science
Humanities

PRJ-21-002488 — **Renovate Research Lab 4528 to Add Equipment** — **$165K**
Letters & Science
Chamberlin Hall



PRJ-21-002486 — **Improve Classrooms, Labs** — **$80K**
Letters & Science
Vilas Hall

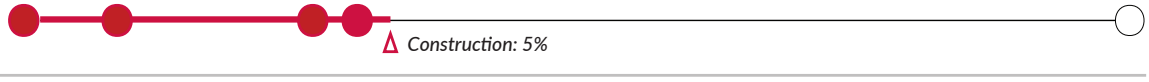
PRJ-21-002354 — **Combine Rooms 564, 566 to Create Larger Classroom** — **$70K**
School of Education
Teacher Education

PRJ-20-002111 — **Renovate Research Lab B1073** — **$106K**
SMPH
Wisconsin Institutes
for Medical Research

PRJ-21-002270 — **Renovate Office 5177 to Increase Occupancy** — **$8K**
SMPH
Medical Foundation
Centennial Bldg.

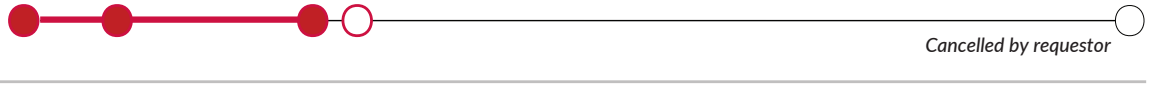
PRJ-21-002474 — **Relocate Research Lab 7120/A to 7162/3** — **$118K**
SMPH
Wisconsin Institutes
for Medical Research

PRJ-21-002304 — **Renovate Research Lab 7168 to Add Fume Hoods** — **$7K**
SMPH
Wisconsin Institutes
for Medical Research



PRJ-21-002355 — **Install Services 4th & 5th Floors for Occupancy Increase** — **$148K**
SMPH
Medical Foundation
Centennial Bldg.

PRJ-21-002412 — **Install CO2 Sensors** — **$11K**
WSLH
Stovall Hall



PRJ-21-002361 — **Upgrade Classroom 215 AV - ILM** — **$13K**
FP&M
Van Hise Hall

PRJ-21-002415 **Upgrade Classroom B115 AV - ILM** **$11K**
FP&M
Van Vleck Hall

Construction Complete

PRJ-21-002416 **Upgrade Classroom B139 AV - ILM** **$10K**
FP&M
Van Vleck Hall

Construction: 95%

PRJ-21-002454 **Upgrade Classrooms 1217, 1221 Lighting Systems** **$19K**
FP&M
Humanities

Construction scheduled to start in June 2021

N/A **Renovate Research Lab 634 to Add Equipment**
CALS
Animal Science

Cancelled by requestor.

CAMPUS INTERIOR FINISH STANDARDS & GUIDELINES

We have recently revised and updated the Campus Interior Finish Standards & Guidelines to make it easier for our campus customers to use these standards when requesting projects. Remodeling projects that are limited to finishes can often bypass the design process and move rapidly to job scheduling if colors are chosen from the standard palette. This can substantially accelerate the completion of these types of renovation projects.

All exceptions (i.e., a non-standard color or finish) must be approved by the appropriate dean or director as well as the Physical Plant and may prompt the need for design services.

The standard color palette was carefully chosen to include colors that match or closely match and complement the colors found in most of our campus buildings. Finishes included are carpet, wall base, paint, countertops (plastic laminate and solid surface), and toilet partitions. These campus standards also contain some guidelines (e.g., glazed block cannot be painted) and some advice on choosing finishes.

- The Campus Interior Finish Standards & Guidelines are avialable on the FP&M website.
- Material samples are available for temporary loan from the Physical Plant; please contact Kirstin Selchow (kirstin.selchow@wisc.edu) or your Facilities Specialist.
- All requests for work should be submitted through Physical Plant Customer Service.

Using standard finishes...

- Allows for faster delivery
- Minimizes waste, supporting sustainability initiatives
- Reduces maintenance costs
- Reduces materials storage space
- Provides consistency in public spaces
- Enhances customer service through a streamlined process