CONSTRUCTION PLANNING AND PROGRESS MEETING
BROUGHT TO YOU BY INFRASTRUCTURE PLANNING AND FACILITIES

December 2018

Twitter hashtag #msuconstruction
PLEASE LET US KNOW HOW WE’RE DOING

- We want your thoughts and suggestions about the online version of Construction Junction, and what we might do to improve.

- Please leave any comments or suggestions in the feedback box on the Construction Junction webpage located at: http://ipf.msu.edu/construction/construction-junction/index.html.
MSU Board of Trustees updates

Campus Snow Plan

City of East Lansing sewer project

New projects:

- Cowles House – Addition 3 and site renovations

Project updates:

- Interdisciplinary Science and Technology – construct original building.
- Business College Complex – Addition No. 2 – Pavilion.
- Strategic academic development – STEM teaching, learning and interdisciplinary research facilities.
- Cook Hall – building renovation.
- Jenison Field House – renovations.
- Water distribution – campus water system improvements.
- Music Building – Addition No. 3.
Step 2: Authorization to proceed:

- Wonders Hall – teaching, learning and student support.
- Veterinary Medical Center – A-wing – alterations to second-floor locker room.
- T.B. Simon Power Plant – install reverse osmosis.
- Duffy Daugherty – SAAC – alterations to Skandalaris Football offices and Hall of History.
- Hannah Administration – fourth floor alterations.

Step 3: Bid and contract award:

- Strategic academic development – STEM teaching, learning and interdisciplinary research facilities.
Step 2: Authorization to proceed:

• Swine Teaching and Research – expansion.
• Cowles House – Addition 3 and site renovations.
It’s snow season. Be snow safe!

- Don’t rush – give yourself time to get to work
- Drive carefully
- Dress warmly
- Wear sensible shoes
- Watch where you are walking
- Shorten the length of your stride while walking
- Check the forecast before heading outside
Safety

• Do not dart in front of or behind snow-removal equipment. It is large, loud and difficult to stop quickly.
• Make eye contact with snow-removal equipment operator before crossing in front of them.
Salt and ice-melt compound

- Dial (517) 355-1855 to report icy spots on campus.
- Please remember that it takes time for the ice-melt compound to take effect.
Your help is needed!

WALKWAY ICE MELT

If you see an icy area, please sprinkle it with ice-melt compound.
Please help us keep walking surfaces clear of snow and ice this winter.

The ice-melt compound is an environmentally friendly alternative to salt that is provided by your Infrastructure Planning and Facilities partners in snow removal:
• Building Services–Custodial Services
• Landscape Services

Thank you for your help!
Sidewalks

• Do not park so close to the sidewalk that your car’s bumper hangs over it.
Parking lots

- Avoid parking in sections of a lot that have not yet been cleared.
- Park where it’s been plowed or wait a few minutes for the driver to finish and then park in the cleared lot.
Residence hall parking loops

- Parking is prohibited in residence hall loops from 2 to 6 a.m.
- With 65 people plowing, 26,000+ spaces must be cleared before 6 a.m.
To request services or to report dangerous spots on campus, call ContactMSU@ (517) 355-1855.
An infrastructure upgrade to protect the environment and improve sewer capacity in East Lansing.
• **Protect** the environment by decreasing pollution.

• **Improve** deteriorating storm water infrastructure.

• **Maintain** open communication with stakeholders.
• Improved water quality in the Red Cedar River
• Replacement of outdated infrastructure.
• Increased capacity with upsized pipes.
• Reduction of overflows and neighborhood flooding.
• Work begins in March 2019.

• Project timeline is nine months.

• Safety for motorists, residents and students is top priority.
Michigan Avenue  
From Harrison Road west to Highland Road  
Harison Road  
From Michigan Avenue south to Kalamazoo Street
Lane closures on Michigan Avenue

• One lane will be open in each direction throughout most of the project.

• Three brief, full closures are planned for safety issues.
• For more information please visit:
  • [www.cityofeastlansing.com/219/Public-Works-Environmental-Services](http://www.cityofeastlansing.com/219/Public-Works-Environmental-Services)
  • [www.cityofeastlansing.com/238/Construction-Projects](http://www.cityofeastlansing.com/238/Construction-Projects)

• City of East Lansing contacts:

  Nicole McPherson  
  -or-  
  Scott House  

  (517) 337-9459
Cowles House – Addition 3 and Site Renovations (CP17186)
Background:

• Cowles House, the oldest standing building on campus, sits in the center of the historical campus core. Originally constructed in 1857, over the years it has undergone random periodic renovations, the last occurring over 30 years ago.
• The facility hosts more than 150 events annually, and serves as a guest house for dignitaries and major visiting university donors. All presidents have used the house extensively for university entertainment and fundraising.
• Cowles House served as the residence of all presidents since 1941, with the exception of President Simon and interim President Engler.
Background:

• The upstairs residential space is essentially unchanged since renovations in 1950. The residential space is not separated from the events downstairs in a manner that allows that space to function as an independent apartment.
• The current configuration of Cowles House does not provide adequate space to properly support events, causing public areas to be used for staging and storage. These areas show wear and tear and are confined by existing floor plan configuration.
• The building and outdoor areas also have limited accessibility for persons with disabilities.
Project goals:

• Renovate Cowles House to enable it to play a significant role for all future Presidents in university advancement; community and global relations; special outreach/entertaining; and faculty, student and athletic recruitment.

• Highlight Michigan’s significant role in the development of American modernism, the intent is to integrate mid-century design into the furnishings and improvements of the public reception areas of the house. Using the furnishings and fabrics designed in this period will both celebrate Michigan’s global influence and exceptional design heritage, along with educating visitors to the house of Michigan’s role in the furniture industry.

• Upgrade the garden to allow for expanded outdoor entertaining, while celebrating the horticultural heritage of the university.
Project goals:

• Upgrade second floor, in anticipation that future presidents may reside in Cowles House, and to provide first-class accommodations for visiting dignitaries and major university donors.
• Renovate the public reception areas of the house, both inside and in the garden, to be fully accessible.
• Update kitchen and staff spaces to handle increased event volume and capacity.
Impacts:

• The entire house will be vacated during construction. Event and residential planning will be scheduled at alternate locations.
• The area surrounding Cowles House will be barricaded off limits to the public.
• Construction ingress and egress from the project site will be closely monitored to ensure pedestrian and traffic safety along West Circle Drive.
• All other pedestrian pathways will remain open or will be appropriately detoured for minimal durations.

Schedule:

• Construction start: May 2019
• Ready for use: January 2020
Existing challenges

Non-ADA compliant conditions

Terraced back yard

Event venue challenges

Inadequate event staging space

Guest quarters challenges

Outdated master bathroom
Site plan sketch
Renovated event space and terrace rendering
Renovated event space rendering
Renovated terrace room rendering
Construction representative: Chris Barnes
barne137@msu.edu
(517) 355-1628

Cowles House - Addition 3 and site renovations
Project background
- Cowles House was originally constructed in 1857 and has been the subject of periodic renovations. It was named the official residence of the President in 1941.
- Although the current President does not use Cowles House as a primary residence, the facility hosts more than 100 events annually and serves as a guesthouse for dignitaries visiting the University.
- The current configuration of Cowles House does not provide adequate space to properly support events, causing public areas to be used for staging and storage.
- Further, the building has limited accessibility for persons with disabilities.
Project location

Interdisciplinary Science and Technology – construct original building (CP16304)
Project milestones:

- Installation of generator exhaust piping to the top of the building has begun.
- Feature wall covering being installed.
- Punch out (last-minute, small details to be finished in a construction job) of the second floor is starting.

Impact updates:

- Traffic on Service Road will continue to be heavy due to product delivery.
Exhaust piping from the generators
Wood trellis window detail being installed
Wood trellis from office side
North corridor feature wall
Interdisciplinary Science and Technology – construct original building (CP16304)

Project webcam

https://app.oxblue.com/open/RockfordCon/InterdisciplinaryScience
Project manager: Carol Cool
coolcaro@msu.edu
(517) 353-8619
Project milestones:

• Building envelope is complete.
• Wood wall installations have begun.
• M.E.P finishes have started.

Impact updates:

• Sidewalks traveling north and south between Shaw Hall and Business College complex remain closed.
Terrazzo flooring installation has started on the second floor
Interview rooms have received finish paint
Main entrance on the south side of building
Site logistics plan
Project webcam

https://app.oxblue.com/open/MSU/EliBroadPavilion
Construction representative: Tony Rhodes
rhodesa1@msu.edu
(517) 432-7104
Project location
Project milestones:

- Mechanical, electrical and plumbing demolition has begun in the lower level and fourth floor.
- New roof is being installed on the Annex Wing.
- Excavation of abandoned underground utilities is on-going.

Impact updates:

- Increased construction traffic around the Shaw Lane / Red Cedar Road intersection (in the vicinity of the old Shaw Lane Power Plant).
Site work had started, and abandoned utilities are being removed
Site work had started, and abandoned utilities are being removed
Masonry restoration is nearly complete
Boiler demolition is on-going
Strategic academic development – STEM teaching, learning and interdisciplinary research facilities (CP17133)

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Project manager: Ken Gottschalk
gottsc20@msu.edu
(517) 353-7234
Project milestones:

- Primary heat has been turned on.
- Site concrete and heated sidewalk installation is complete.
- All interior flooring is complete.
- Elevator installation is complete.

Impact updates:

- Continuation of construction zone inaccessibility and pedestrian detours.
Existing front door completely restored
Interior finishes are complete
Furniture installation is nearing completion
Trim work in addition complete
Entry Hall stair refinishing is complete
Project manager:
Amr Abdel-Azim
abdelazi@msu.edu
(517) 432-0323
Project milestones:

- Phase 2 drywall installation is complete.
- The third-floor classroom is scheduled for completion by Dec. 3.
- The graphic installation will start on January 7.

Impact updates:

- Temporary egress route detour.
- General construction noise.
Drywall hanging in Head Coach Room 255A
Installed drywall on the second floor
Finished painting and ceiling grid installation in women’s restroom (Room 232)
Painting of Team Room 300
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Project manager:
Matt Postma
postmama@msu.edu
(517) 353-9223
Project location

Water distribution – campus water system improvements (CP16086)
Project milestones:

• Load bearing masonry walls for the Treatment Plant Building are complete. Installation of pre-cast concrete roof planks is in progress.
• The bottom eight inches of the Water Tower concrete base was poured in late November. The balance of the concrete tower walls will be poured throughout December.

Impact updates:

• Water main connections along Service Road may disrupt traffic until mid-December.
Water Treatment Plant – exterior load bearing walls are complete
Water Tower – poured concrete base installation started late November

[Image of construction site with a large water tower and concrete base in the snow]
Water distribution – campus water system improvements *(CP16086)*

Project webcam

[https://app.oxblue.com/open/MSU/watertreatment](https://app.oxblue.com/open/MSU/watertreatment)
Project manager: Robert Nestle
nestle@msu.edu
(517) 355-3372
Project milestones:

- Mass excavation is complete.
- Spread footings and basement wall concrete pours are underway.

Impact updates:

- Pedestrian travel is being maintained diagonally through the site, but will be closed off over winter break.
- Noise impacts due to typical construction activity are expected throughout the project.
Excavation and formwork in progress
Excavation and formwork in progress
Music Building – Addition No. 3 (CP17077)

Project webcam

Music Building – Addition No. 3 (CP17077)

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Project manager: Todd Wilson
wilsont@msu.edu
(517) 432-4355

Music Building - Addition No. 3

Project phase: Construction

Project background
- The Music Building opened in 1940, with the last major addition in 1986.
- The building has a number of capital renewal needs, including windows. The windows in the building provide deteriorating insulation and environmental protection. Humidity fluctuations increase the stress and maintenance costs of instruments within the building and adversely affect College of Music operations.
- Many rooms are using window air conditioners, which are inefficient at best.
- The building is home to Michigan State University’s College of Music, which enrolls students from 36 states and 26 countries. The College serves more than 610 majors and 2,000 non-majors with a wide range of courses in instrumental and vocal performance, jazz, conducting, music education, composition, music history, and music theory, as well as studies in entrepreneurship/career readiness.
- Multiple communities across Michigan are served through extensive outreach and engagement activities, and more than 5,000 Michigan residents are involved in the College’s community music schools in
IPF website

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Construction Junctions continue monthly

Presentations will be available on the Construction Junction website around the seventh of each month.

Thank you for your interest, and we hope you’ll visit us again soon!