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

New projects:
• Veterinary Medical Center – A Wing – alterations to second floor locker room.
• Wonders Hall – teaching, learning and student support.

Project updates:
• Wilson Road extension.
• 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 – elevator and interior renovations.
- Eppley Building – energy conservation measures.
- University Research Containment – Biological Safety Level Three Research Laboratory.
CAMPUS SNOW PLAN
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!

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.
Veterinary Medical Center – A Wing – alterations to second floor locker room (CP18080)
Background:

• The current locker rooms date back to the building’s construction in 1966.
• They are out of date, and will be a contributing factor in the college’s reaccreditation in the fall of 2019.
• Due to gender shifts in class demographics, the locker rooms no longer meet current needs.
• This project will:
  o Provide flexibility for potential future gender shifts.
  o Update spaces for ADA compliance.
  o Add health and wellness rooms along with single use restrooms.
Project scope:

- Complete renovation of the men’s and women’s locker rooms to include:
  - Abatement of potential asbestos and lead paint.
  - Accommodation for 250 students.
  - ADA upgrades.
  - Heath and wellness room.
  - Religious observance room.
  - New double-stacked lockers.
Impacts:

- General construction noise.
- Temporarily egress route detour.

Schedule:

- Construction start: May 1, 2019.
Veterinary Medical Center – A Wing – alterations to second floor locker room  (CP18080)

Second floor – area of renovation
Proposed new locker room layout
Veterinary Medical Center – A Wing – alterations to second floor locker room (CP18080)

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Project manager:
Matt Postma
postmama@msu.edu
(517) 353-9223
Wonders Hall – teaching, learning and student support (CP17151)
Background:

- The former cafeteria in Wonders Hall provides an opportunity for space creation that can provide a significant mix of teaching and learning spaces, including the Engineering “Tool Box”.
- The project will also re-purpose instructional space on the first floor, to meet teaching and learning needs primarily supporting the Engineering curriculum and learning experiences.
- The living wings also need infrastructure repairs to meet current life safety requirements, including upgrades to domestic water mains, fire alarm systems and emergency lighting.
Project scope:

• Renovations to the center section of Wonders Hall.
  o Conversion of the second floor former Cafeteria space into modern teaching and learning spaces.
  o Conversion of existing classrooms located on the first floor to provide space for other student support functions.
  o Infrastructure improvements.
    ▪ Elevator modifications.
    ▪ Circulation improvements.
    ▪ Restroom additions.
    ▪ Modifications for barrier-free accessibility.
    ▪ HVAC updates.
    ▪ Life safety improvements.
• This project will be coordinated with the life safety improvements being made in the living wings.
Impacts:

• General construction noise.
• Temporarily egress route detours.

Schedule:

• Construction start: January 2019
• Ready for use: December 2019
Existing Kiva to remain
Existing classroom C103 to be renovated
Existing classroom C106 to be renovated
Renovation area – first floor
Renovation area – second floor
Project manager:
Matt Postma
postmama@msu.edu
(517) 353-9223
Project milestones:

- The right turn lane and sidewalks from southbound Hagadorn to westbound Shaw Lane are installed and opened to traffic.
- Curbs and asphalt base course have been installed on the Wilson Road extension and in Parking Lot 33 (East Fee Hall).
- Hagadorn Road boulevard pass-throughs have been removed, and the new configuration is in construction.

Impact updates:

- Pedestrian route between Parking Lot 91 and Fee Hall will continue to experience minor detours, but is not expected to be re-routed to Hagadorn Road again.
- Residents and visitors to the River Terrace Neighborhood will continue to experience detours due to work in the median.
- Various pedestrian and vehicular detours (including lane closures on Hagadorn Road) will continue until Nov. 15.
River Terrace detour

Wilson Road Extension
River Terrace Neighborhood
road construction detours
through Nov. 15
Construction phasing (Oct. 1 – Nov. 15)
Wilson Road extension – looking west from Hagadorn Road
Wilson Road extension  (CP11349)

Paving Lot 33 at East Fee Hall
Project manager:
Dave Wilber
wilberda@msu.edu
(517) 884-2186
Project location
Project milestones:

- Consumers Energy completed gas service installation.
- Concrete sidewalks have been poured around the building.
- Generators have been set in place.

Impact updates:

- Traffic on Service Road will continue to be heavy due to product delivery.
Installation of the generator units
Sidewalks along the south elevation
Interior space work
Interior space work
Second floor atrium

Fifth floor atrium
Project webcam

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

- Air Handlers are in operation.
- Wood ceiling installation has begun.
- Mechanical/electrical/plumbing finishes have started.

Impact updates:

- Sidewalks traveling north and south between Shaw Hall and Business College complex remain closed.
Progress on interior spaces
Progress on interior spaces
Installing piping for heated walkways at the north connector
Site logistics plan
Project webcam

https://app.oxblue.com/open/MSU/EliBroadPavilion
Construction representative:  
Tony Rhodes  
rhodesa1@msu.edu  
(517) 432-7104
Strategic academic development – STEM teaching, learning and interdisciplinary research facilities (CP17133)
Project milestones:

- Temporary window protection has been installed.
- Masonry restoration continues.
- Interior demolition is on-going.
- The first floor in the Annex Wing has been removed.

Impact updates:

- Increased construction traffic around the Shaw Lane / Red Cedar Road intersection (in the vicinity of the old Shaw Lane Power Plant).
Temporary protection installed to weather-proof interior space work
Existing damaged bricks scheduled for replacement
View from second floor of Annex Wing showing location of former first floor.
One of the decommissioned boilers being demolished
Bottom of a boiler section being demolished
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
Cook Hall – building renovation (CP16285)
Project milestones:

- Mechanical equipment put into operation.
- Exterior masonry complete.
- Lighting fixtures installed in existing building.
- Flooring in existing building nearing completion.

Impact updates:

- Continuation of construction zone inaccessibility and pedestrian detours.
Cook Hall – building renovation (CP16285)

Window installation nearing completion
New basement wainscot stained and carpet laid
Bathroom fixtures installed and trimmed out
Light fixtures installed
Columns trimmed and stained
Cook Hall – building renovation  (CP16285)

Project manager:  
Amr Abdel-Azim  
abdelazi@msu.edu  
(517) 432-0323
Project milestones:

- Phase two drywall installation will finish by the end of November.
- The project will be substantially completion by the first week of January, with occupancy by month’s end

Impact updates:

- Temporary alternate egress route will be posted in the construction site.
New nutrition bar (Room 225)
Phase two subfloor and steel stud framing installation
Phase two subfloor and steel stud framing installation
New drywall in Team Room 300
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Project manager:
Matt Postma
postmama@msu.edu
(517) 353-9223
Project location
Project milestones:

- Underground plumbing for the Water Treatment Plant is complete.
- Floor slabs have been poured.
- Installation of structural steel and masonry is in progress.

Impact updates:

- Water main connections along Service Road may temporarily disrupt traffic until mid-November.
Water Treatment Plant construction in progress

Water distribution – campus water system improvements (CP16086)
A **center derrick crane** has been erected to facilitate construction of the water tower.

The top and bottom portion of the crane (red and white sections) are for construction only and will eventually be removed, but a portion of the crane will remain in-place after construction.

This portion will serve as an access tube with an internal ladder to provide passage up through the welded steel water tank, to the top of the tank’s roof.
Project webcam

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

- Hart Recital Hall and stair tower demolition is complete.
- Mass excavation is in progress.
- Spread footings and basement wall concrete pours are underway.

Impact updates:

- General construction noise typical of a project of this magnitude.
View along the south basement wall
Spread footing pour adjacent to the steam tunnel and formwork
Project webcam

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

Music Building - Addition No. 3

Project background
- The Music Building opened in 1940, with the last major addition in 1966.
- 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 enrolled in the College’s community music schools in
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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!