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

November 2017

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

New projects
• Wells Hall – replace induction units – phase two of two

Project updates
• Interdisciplinary Science and Technology – construct original building
• Business College Complex – Addition No. 2 – Pavilion
• Engineering Research – Hulett Rd. – Addition No. 2 – Food Processing Innovation Center
• Solar carports (electrical distribution – renewable energy)
• Engineering Research Complex – addition and renovations
Step 2: Authorization to proceed

• Student Services – replace windows, HVAC upgrades and waterproofing
• Cook Hall – building renovation
• Wells Hall – replace induction units (phase two)

Step 3 – Bid and contract award

• Wilson Road – extension
Step 2: Authorization to proceed

- Electrical distribution – Dairy Research Complex
- International Center – revitalization
- Water distribution – campus water system improvements
- Service Road Field – restroom and storage – construct original building
- Demonstration Hall – alterations to multi-use court floor
- IM Sports-West – replacement of indoor turf surface in room 161
- IM Sports-East – renovations and resurface indoor track

Step 3 – Bid and contract award

- Communication Arts and Sciences – replace roofs (2016-17 major maintenance)
- Olin Health Center – student health
Wells Hall – replace induction units – phase two of two (CP17092)
Why?

- Originally constructed in 1967, these units have exceeded their useful life and have become impossible to maintain.

Project goal

- Replacement of aging induction heating/cooling units throughout Wells Hall.
Impacts

• All faculty offices around the “C” building perimeter will be impacted over the course of the project.
• These impacts are being coordinated with the occupants

Schedule

• Construction start: Oct. 31, 2017
• Project phase completion: Dec. 31, 2018
This work occurs in wings C and D (mostly in C wing as there are only a few of these units in D)
Construction representative:
Todd Wilson
tdwilson@ipf.msu.edu
(517) 432-4355
Project location
Project milestones *(accomplishments/project phases completed during the past month)*

- Steel erection is complete through the third floor
- Steam line tie in is complete

Impact updates *(pedestrian, traffic, building occupant, facility impacts expected in the coming month)*

- Construction traffic will continue to be heavy on Service Road
Steam valves wait for the perfect weather for installation
Steel work completed up to the third floor and decking on the west end
Status of steel erection on Nov. 2
Steel work in progress
Project webcam

https://app.oxblue.com/open/RockfordCon/InterdisciplinaryScience
Construction representative:
Carol Cool
ccool@ipf.msu.edu
(517) 353-8619
Project milestones *(accomplishments/project phases completed during the past month)*

- Mass excavation continues
- Foundation work has progressed to the north side of the foundation

Impact updates *(pedestrian, traffic, building occupant, facility impacts expected in the coming month)*

- Sidewalks traveling north and south between Shaw Hall and Business College Complex remain closed.
Pile caps being installed
Auger cast piles have been completed
Foundation work
Pedestrian logistic plan (phase two)

Phase 2: August 2017 - On
- Construction of Broad College of Business Pavilion

Broad College of Business Pavilion
Site Logistics Plan
Revision 11 - 5/30/2017

- Pedestrian Safety
  - Dual Gate System Operation

- Construction Fence (z) m (emerging)
- Dust Control (h) m
- Gates
  - Dual Gate System
  - Sidewalk Closed (w/ lighted bar)
  - Sidewalk Temp. Closed (w/ lighted bar)
- Pedestrian Walk
- Pedestrian Route
- Paved Truck Route
- Temporary Bike Parking by MSU

Existing Tree
Tree to be protected
Project webcam

https://app.oxblue.com/open/MSU/EliBroadPavilion
Construction representative:
Tony Rhodes
arhodes@ipf.msu.edu
(517) 432-7104
Project Location – Off Campus
Project milestones *(accomplishments/project phases completed during the past month)*

- Building has been enclosed
- Drywall is complete and painting has begun
- Installation of finishes has begun

Impact updates *(pedestrian, traffic, building occupant, facility impacts expected in the coming month)*

- No additional impacts expected
Loading dock concrete approach is complete
The addition has been enclosed
Interior walls are complete
Construction representative: Tony Rhodes
arhodes@ipf.msu.edu
(517) 432-7104
Solar Carports (Electrical distribution – renewable energy – CP15105)

Project locations
Project milestones

• Lot 83 foundations are complete. Canopies completed in western phases with solar panel installation ongoing
• Lot 89 canopies are complete with ongoing inverter equipment installation
• Lots 91 and 92 eastern phases are complete. Foundations, canopy and solar panel installation is ongoing in the western phases
• Lot 100 south phase is complete. Foundation, canopies and solar panel installation is ongoing in the northern phase

Impact updates

• Portions of each lot will close alternately as the construction/installation phases progress
• All staging of materials and equipment will be minimalized for football game days
Eastern phases of Lot 89 are complete
Lot 89 new lighting
Lot 92 installation progresses
Lot 100 - near the Clinical Center
Main solar power collection equipment
Construction representative:
Chris Barnes
cbarnes@ipf.msu.edu
(517) 355-1628
Project milestones (accomplishments/project phases completed during the past month)

• Steel erection is complete
• New chiller has been set in place
• The C32 renovation is done with occupant move in

Impact updates (pedestrian, traffic, building occupant, facility impacts expected in the coming month)

• Increased construction traffic on the east side of the building
Inside the addition showing the roof being installed
South side of the new addition showing the window frames being installed
The C-32 renovated space is complete
Renovated kitchen/break space in Suite C-32
Construction representative: Ken Gottschalk
kjgottsc@ipf.msu.edu
(517) 353-7234
Project milestones *(a list of accomplishments/project phases completed during the past month)*

- Completion of project on October 20
- Dedication ceremony that afternoon
Breslin Student Events Center – facility upgrades (CP14110)
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Construction representative:
Jason Van Zee
jvanzee@ipf.msu.edu
(517) 432-2675
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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!