CONSTRUCTION PLANNING AND PROGRESS MEETING
BROUGHT TO YOU BY INFRASTRUCTURE PLANNING AND FACILITIES
Thursday, November 12, 2015

Twitter hashtag #msuconstruction
PLEASE FILL OUT A SURVEY!
They are available at each table

- Please fill out your surveys and return them to the front table before you leave.
- We want your thoughts and suggestions about how you feel Construction Junction went, and what we could do to improve.
- Thank you in advance!
• MSU Board of Trustees updates

• New presentations
  o Engineering Building - alterations to suite 1515

• Informational
  o Campus snow plan

• Project updates
  o MSU Scene Shop - construct replacement building
  o Life Science - convert rooms A128, A131 and A131A to a REAL classroom
  o MSU College of Law - north entrance site improvements
  o Breslin Student Events Center - facility upgrades
Step 1: Authorization to plan

- IM Sports West – replace pool and locker room HVAC systems

Step 2: Authorization to proceed

- Engineering Building – alterations to suite 1515
Step 2: Authorization to proceed

- Parking Lot 89 – Commuter Lot – repave southeast section
- Sheep Barn – addition 2 – Sheep Lambing and Research Facility

Step 3: Bid and contract award

- Food Processing and Innovation Center
- Hubbard Hall – exterior masonry repair 2016
Why?

- In order to support the teaching, learning and research efforts of the newly created Department of Computational Mathematics, Science and Engineering as well as the College of Engineering, creation of new functional offices in the Engineering Building is needed.
Project scope:

• Renovation of suite 1515, including creation of a second floor within the space to facilitate the program

• Creation of an office suite for the department chairperson and staff, including a workroom

• Twenty-five faculty offices, three visiting scholar shared offices, ten post doc workstations, one hundred twenty graduate assistant workstations and one academic specialist office

• Shared space to include conferencing areas, collaboration enclaves and study rooms
Impacts:

• Library will be permanently closed and study space relocated to another part of the building (east wing).
• Pedestrian access to courtyard from the south will be restricted through construction.
• Short duration crane lift activity to bring new equipment into the mechanical penthouse.

Schedule:

• Construction start: Jan. 1, 2016
• Ready for occupancy: Aug. 1, 2016
Proposed renovation area

**Engineering Building – alterations to suite 1515**

**ENGINEERING BUILDING 0081**
FIRST FLOOR
ROOMS 1515, 1515A, 1515B, 1515C, 1515D, 15153
12,200 NSF

**ENGINEERING BUILDING 0081**
PROPOSE CREATING SECOND FLOOR OR MEZZANINE
ROOMS 2522, PARTIAL OF 2535 TO CREATE EXIT HALL, AND OPEN AREA TO BELOW
9235 NSF
Preliminary floor plans
Construnction representative:
Todd Wilson
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(517) 432-4355
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 out in front of or behind snow-removal equipment. It is large, loud and difficult to stop quickly.

• Make eye contact with a snow-removal equipment operator before crossing in front of him/her.
• **Salt and ice-melt compound**
  
  • Dial 353-1760 to report icy spots on campus.
  
  • It takes time for the ice-melt compound to take effect.
Brine versus no brine

Inch of snow
And wind
11/18/14
Brine versus no brine
Remember... 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 the part of a lot that has not yet been cleared.
- Park where it’s plowed or wait a few minutes for the driver to finish and then park freely 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 353-1760.

• If you can’t call, tweet IPF (@MSUFacilities) to report snow concerns (and to send photos).

• For more information on MSU’s snow-removal plans, visit ipf.msu.edu.
  o Snow and ice removal services: http://ipf.msu.edu/services/snow-and-ice-removal.html
  o Green practices for snow removal: http://ipf.msu.edu/green/practices/snow-removal.html

• E-mail feedback, suggestions and comments to snowplan@ipf.msu.edu.
MSU Scene Shop – construct replacement building
November 2015

Project site
Why?

- The existing Scene Shop location is being utilized as part of the 1855 Place project, and thus requires relocation of the shop to another site
Scope

• Replace Scene Shop and related storage located at former State Police Post site
• 10,000 square feet (pole barn type construction)
• Integral component of Department of Theatre course curriculum
• Scene Shop supports construction of sets for Department of Theatre and Music Opera Program performances
• Facility program includes production areas, offices, restrooms and tool room

Timeline

• Construction start: October 2015
• Ready for occupancy: December 2015
Site plan
View of project site – looking southwest
Trenching for new electrical service
Front office area
Construction representative:
Kevin Durkin
kdurkin@ipf.msu.edu
(517) 432-2153
Life Science – convert rooms A128, A131 and A131A to a REAL classroom
November 2015
Why?

• To develop a room for engaged and active learning that enables lively interaction, enhanced learning and increased faculty and student engagement
Project scope

- Demolition and abatement of existing walls, ceilings and flooring
- Furring out of walls
- Installation of new ceiling with new LED lighting
- New flooring installation
- Painting of walls
- Technology updating
- Installation of new audio/visual equipment
- IPF manufactured and installed the new casework
Impacts

• Corridor pedestrian traffic during asbestos abatement and demolition
• Containment area was staged in hallway.
• Actual abatement work was performed off hours within the space

Schedule

• Construction start: June 24
• Construction finish: October 26
• IT Services work completion: end of November
Life Science – convert rooms A128, A131 and A131A to a REAL classroom
November 2015

Room diagram
Infrastructure Planning and Facilities crew installing workstations
TV panels being installed by IT Services
View of room during installation of IPF fabricated workstations
Life Science – convert rooms A128, A131 and A131A to a REAL classroom
November 2015

Construction representative:
Matthew Postma
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Why?

• Enhance existing main north entrance
• Recognize the MSU College of Law history and its origins as the Detroit College of Law; the college has named the new entry the Detroit College of Law Plaza

Scope

• New entry canopy
• New outdoor seating area, which replaces some bike parking
• Relocation of two limestone friezes from Detroit, along with historical and donor recognition plaques
• Improvements to lighting, wi-fi, pavement and landscaping
Impacts:

- Construction deliveries and minimal walk construction were required; intermittent single lane short-duration closures along west-bound Shaw Lane were required
- Pedestrians were affected intermittently by shifting crosswalk locations for short durations; the main entrance to the building was not closed
- Only the canopy area will be intermittently barricaded for safety during final detailing work through November

Timeline:

- Construction start: August 3
- Substantial completion: October 22
Old north entrance
East façade – was emulated on new north canopy
_rendering_of_proposed_improvements
Detroit College of Law Plaza
MSU College of Law – north entrance site improvements
November 2015

Rendering of proposed improvements – view from west
Detroit College of Law Plaza – view from west
Two salvaged stone friezes from the original Detroit College of Law were placed in the new entrance brick columns.
Construction representative:
Chris Barnes
cbarnes@ipf.msu.edu
(517) 355-1628

MSU College of Law – north entrance site improvements
November 2015

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MSU College of Law - North Entrance Site Improvements

Project phase: Construction

The MSU College of Law desires a more prominent and welcoming entrance that would also serve to recognize its history as the Detroit College of Law prior to its affiliation with the university.

Project Scope:
- Installation of a new entry canopy
- New outdoor seating area, which replaces some bike parking
- Relocation of two limestone fountains from Detroit, along with historical and donor recognition plaques
- Improvements to lighting, wireless network, pavement and landscaping are planned
Why?

• To enhance the student, alumni, fan and public experience by improving the functionality of the Events Center
• Create a lasting legacy by integrating a sense of Spartan tradition throughout the facility
• Extend the useful life of the building by improving services to the fans and implementing major maintenance items
Project scope

• Project will be divided into two phases: facility upgrades and athletics addition
  o Phases will be designed in a way that allows minimal rework
  o Phases will be fully coordinated throughout design and construction

• Phase one:
  o 22,000 square foot addition around building
  o Expand concourse
  o Renovate/up upgraded restroom facilities, increase fixture count
  o Renovate concessions stands
  o Improve entry vestibules to main concourse
  o Improve finish levels and experience on concourse
  o Improve site conditions for ingress and egress
  o Improve site security
  o Replace chiller system
  o Connect to East Lansing water system
Project scope

• Phase two:
  o 30,000 square foot addition
  o Create sense of main entry; destination to the building
  o Create a Basketball Hall of History
Timeline

- Construction start: January 2016
- Ready for occupancy: August 2017
Floor plan – existing concourse
Phases one and two – floor plan concourse scope outline
Phase one – northwest gate
Phase one – northeast gate
Phase one – concourse
Phase two – athletics addition – Hall of History
Phase two – athletics addition – Hall of History
Breslin Student Events Center – facility upgrades
November 2015

Hall of History Site Plan

1. Ramp location for Kalamazoo Street mid-block crossing
2. Satellite truck and ambulance parking area
3. Existing crosswalk location
4. New crosswalk to coordinate with new Special Housing Needs project
5. Concrete site wall, with planting bed
6. Repave parking lot to meet ADA requirements
7. Drop-off zone
8. Proposed Hall of History Plaza

Legend:
- Asphalt pavement
- Concrete pavement
- Landscape bed
- Lawn restoration
- Stormwater catchment area
- Proposed heated pavement area
- Proposed post and chain pedestrian barrier fence
- Proposed bollard in paver band
- Existing tree
- Proposed tree
- Proposed art location
Exterior entry / concourse additions
Breslin Student Events Center – facility upgrades
November 2015

Phase two – exterior – Hall of History
Phase two – exterior – Hall of History
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IPF website

- Alerts feed
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www.ipf.msu.edu
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- “Like” IPF on Facebook: www.facebook.com/MSUFacilities
- Watch IPF videos on YouTube: www.youtube.com/FacilitiesMSU
Construction Junctions continue monthly

Meetings are at 8:30 a.m.
the second Thursday of the month

- December 10 (College of Law, room 343)
- January (stay tuned)
- February (stay tuned)

Please sign in and take a survey before you go!