CONSTRUCTION PLANNING AND PROGRESS MEETING
BROUGHT TO YOU BY INFRASTRUCTURE PLANNING AND FACILITIES
Thursday, Nov. 13, 2014

Twitter hashtag #msuconstruction
Today’s agenda

• MSU Board of Trustees updates

• Summer 2014 construction round-up video

• 2014-15 campus snow communications

• New presentations
  o T.B. Simon Power Plant – Upgrade Utility Substation
  o Cyclotron – Addition 16 – Office

• Progress updates
  o Akers Hall Dining and Life Safety Renovation
Step 1: Authorization to Plan
• Children's Garden - Restroom - Construct Original Building

Step 2: Authorization to Proceed
• Life Sciences – Renovations – A Wing
• North Campus Infrastructure Improvement – West Circle Drive 2015
• Grand Rapids - Real Estate and Research Facility Development
• MSU Community Music School – Reconstruct Parking Lot
• Cyclotron – Addition 16 – Office
• Facility for Rare Isotope Beams - Power Plant Connection
• T.B. Simon Power Plant - Upgrade Utility Substation
Step 1: Authorization to Plan

- Hubbard Hall - Exterior Masonry Repair

Step 2: Authorization to Proceed

- Children's Garden - Restroom - Construct Original Building
- Engineering Building - Chiller Replacement
- New Intercollegiate Golf Facility
- T.B. Simon Power Plant - Upgrade Natural Gas Distribution System
SUMMER 2014 CONSTRUCTION ROUNDUP
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.
Remember... your help is needed!
• **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 between 2 a.m. and 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.
Meet one of our snow-removal experts: Matt Bailey
T.B. Simon Power Plant – Upgrade Utility Substation

T. B. Simon Power Plant
Why?

• Project goal
  o To provide a substation with increased capacity and reliability to deliver power to FRIB and the T.B. Simon Power Plant.

• Scope
  o The project consists of the following three elements:
    o Underground 138 kV transmission line from the existing Michigan Electric Transmission Company transmission line following existing roadway easements north to the substation.
    o Installation of a larger capacity substation consisting of two transformers with space for a future third transformer.
    o Connection to the new switch house being installed under capital project CP14149.
Schedule:

• Construction start: January 2015
• Power available: May 2017
Utility substation location

T.B. Simon Power Plant – Upgrade Utility Substation
Two routes are being evaluated for the 138 kV underground transmission line.
Design representative:
Van Frazee
frazee@frib.msu.edu
(517) 908-7792
Why?

• Project goal
  o To expand the office portion of the facility in order to accommodate new staff, faculty and students that are being hired in support of the FRIB project.

• Scope
  o The project consists of the following three elements:
    o Partial demolition of the existing Cyclotron
    o New six story office addition envisioned
    o Build-out of electrical and mechanical systems
Project requirements:

• Safety and security
  o The office addition will include access controls

• Parking
  o Parking is not affected and no additional on-site parking is required

• Utilities
  o This project is being coordinated with existing site utilities
Schedule:

• Construction start: January 2015
• Projected occupancy: July 2016
North-side exterior development

- Student Path
- Shaw Sidewalk
- From Law School
- Wharton Drop Off
South-side exterior development

FROM ABOVE

WILSON AND BOUGE

PLANT SCIENCES LEVEL 4

COURTYARD
Floor plan diagram – level 1
Floor plan diagram - typical
Construction representative:
Jim Wagner
wagner@frib.msu.edu
(517) 908-7391
Akers Hall

Akers Hall – Dining and Life Safety Renovation
November 2014
Why?

• Building was constructed in 1964, and is in need of major repairs to the infrastructure for electrical, mechanical, plumbing and life safety.
• Will provide a new dining facility for East Neighborhood.
• Will provide new active/quiet study lounges in student towers.

Impacts:

• Maintenance/recycling vehicles will have continued access.
• Loading dock/parking lot will remain closed until Dec. 31.
Timeline:

- Construction start (phases 1 and 2): December 2013
- Life safety/quiet lounges (phase 1): Aug. 1, 2014
- Dining facility (phase 2): Spring semester 2015
Project update:

- All food service equipment is on site.
- Resinous flooring application in progress.
- West corridor student bathrooms are complete.
Dining hall renovations
Dining-hall floor plan with two interactive serving islands incorporated into seating areas.
Dining hall

Akers Hall – Dining and Life Safety Renovation
November 2014
Beverage station

Tray drop
Resinous flooring in progress
Completed west-corridor student bathrooms

Akers Hall – Dining and Life Safety Renovation
November 2014
Construction representative:
Tony Rhodes
arhodes@ipf.msu.edu
(517) 432-7104
IPF website

- Alerts feed
- Construction
  - Detours
  - CJ info
  - Project info
  - Contact info
- Resources
- Listservs

www.ipf.msu.edu
Current work alert information available – now sortable

Alerts feed on IPF website

- See information about campus road construction and detours.
- See a list of all scheduled computer downtime for IPF applications and systems.
- The service status website maintained by IT Services publishes notices on university-wide network and technology outages.
- Visit MSU Alerts to sign up for automated messages regarding dangerous situations such as weather and crime.
Stay connected via social media

• Follow IPF on Twitter: www.twitter.com/MSUfacilities
• “Like” IPF on Facebook: www.facebook.com/MSUFacilities
• Watch IPF videos on YouTube: www.youtube.com/FacilitiesMSU

![Twitter icon](twitter-icon.png) ![Facebook icon](facebook-icon.png) ![YouTube icon](youtube-icon.png)
PLEASE FILL OUT A SURVEY!
They are available on the table at the front of the room

- 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!
Construction Junctions continue monthly

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

• Dec. 11 (College of Law, room 343)
• Jan. 8 (College of Law, room 471)
• Feb. 12 (College of Law, room 343)

Please sign in and take a survey before you go!