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

January 2016

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

• We want your thoughts and suggestions about how you feel about this new 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.

• Thank you in advance!
MSU Board of Trustees updates

Informational

• Campus snow plan

New presentation

• Commuter Parking Lot 89 – reconstruct southeast section

Project updates

• MSU Scene Shop – construct replacement building
• Facility for Rare Isotope Beams – building structure
• Cyclotron – addition 16 - office
Step 2: Authorization to proceed

• Commuter Parking Lot 89 – reconstruct southeast section
• Music Practice Building – replace windows
• Sheep Barn – addition 2 – Sheep Lambing and Research Facility

Step 3: Bid and contract award

• Hubbard Hall – exterior masonry repair 2016
Step 2: Authorization to proceed

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

Step 3: Bid and contract award

• Food Processing and Innovation Center
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
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!

*INFRASTRUCUTRE PLANNING AND FACILITIES*  
*WE KEEP MSU RUNNING*  
ipf.msu.edu • Call 353-1760
• 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.
Why?

- Reconstruct deteriorated parking bays and bus-loop road
- Re-establish the pavement condition ahead of the solar array project for a 20-year plus service life
- New lighting will be provided on underside of solar arrays (as part of solar project)

Impacts

- MSU Police and IPF will establish the construction phasing and alternate event parking during the construction phase of the project.
- CATA does not run the affected bus route (Route 32) during this time (summer semester) but is being informed of the work.
Timeframe

- Construction start: May 9
- Construction completion: June 30
Commuter Parking Lot 89 – reconstruct southeast section

Site plan
Commuter Parking Lot 89 – reconstruct southeast section
Design representative:
Dave Wilber
dwilber@ipf.msu.edu
517-884-2186
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 includes production areas, offices, restrooms and tool room

Timeline

• Construction start: October 2015
• Ready for occupancy: December 2015
Site plan
Main workspace
Front entrance
Construction representative:
Kevin Durkin
kdurkin@ipf.msu.edu
(517) 432-2153
FRIB traffic and pedestrian routing during construction

Present to October 2016

- Restripe and turn over one west-bound and two east-bound lanes
  - Site fence moved south
  - Bike path open

November 2016

- All four lanes of Wilson Road will be re-opened
Rendered perspective – southwest view
Rendered perspective – southeast view
Rendered perspective – northeast view
Building layout
FRIB construction progress
Working ahead of baseline schedule

- Overhead mechanical, electrical, and plumbing in Linac tunnel
- Air handlers and exhaust fans are being installed in the mechanical area
- Interior masonry ongoing
- Overhead bridge crane installation in ERC
- Shielding plate installation in the pre-separator area
- Cooling tower piping installation

![High voltage platform in ERC area](image)
FRIB construction progress

Structural steel installation resuming (southeast corner of site)
FRIB construction progress

View of rebar placement in target area
FRIB construction progress

West end of linac tunnel
FRIB construction progress

Mechanical installation ongoing (heat exchangers shown)
Project representative:
Brad Bull
bull@frib.msu.edu
(517) 908-7751

Additional information:
www.frib.msu.edu
Why?

- To expand the office portion of the facility to accommodate the new staff, faculty, and students that are being hired in support of the FRIB project

Scope

- The project consists of the following elements:
  - Partial demolition of the existing Cyclotron
  - Build out of electrical and mechanical systems
  - New six-story office addition, approx. 74,000 square feet
  - First floor features, 265 seat auditorium
  - Floors two thru six will consist of perimeter office, with open space in center areas
• Typical office floor plan, floors 2 through 6
• Private offices around the north/south perimeter
• Cubicles/bench seating in middle
Construction update:

- Concrete decks completed: October 2015
- High roof completed: November 2015
- Interior drywall began: November 2015
- Building temporarily enclosed: December 2015
- Brick completion: end of December 2015

Schedule

- Construction start: February 2015
- Ready for occupancy: August 2016
Aerial view of site showing location of new office addition (photo taken December 2015)
Impacts

• Sidewalk on south side of south Shaw Lane was slightly shifted, and temporary enclosure built to protect pedestrian traffic
• Sidewalk enclosure will be taken down beginning of May 2016
• No effect on pedestrian traffic
Brick work – south elevation
Interior framing
Construction representative:
Jessica Kolp
kolp@frib.msu.edu
(517) 908–7746

Cyclotron Building - Office Addition - Phase III

Project phase: Construction

The project is anticipated to include a combination of open and private offices, a lecture hall, and conference rooms, and laboratory space. The addition would be located immediately east of the Phase II Office Addition, and will include demolition of a portion of the existing one-story F8/CNS building and subsequent physical connection to the existing Phase II Office Addition. The project may include the sheling of two floors with an initial build-out of four floors.

The Cyclotron building site is located west of Bogue Street between South Shaw Lane and Wilson Road in the central academic district.

Timeline:
Start of construction: February 2015
Substantial completion: April 2016

Questions, comments, concerns?
Construction representative
Jessica Kolp, kolp@frib.msu.edu, (517) 908-7746

Design representative
Jim Wagner, wagner@frib.msu.edu, (517) 908-7391

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IPF website

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Construction Junctions continue monthly

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

- February 7
- March 7
- April 14 – Construction Awareness Day

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