CONSTRUCTION PLANNING AND PROGRESS MEETING
BROUGHT TO YOU BY INFRASTRUCTURE PLANNING AND FACILITIES
January 2017

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

Campus walking maps

Campus Snow Plan

New projects
• Engineering Research Complex - addition and renovations (Fraunhofer Center expansion)

Project updates
• 1855 Place
• Breslin Student Events Center - facility upgrades
Step 2: Authorization to proceed

- Spartan Stadium – install permanent field lighting
- Ralph Young Track – replace field hockey playing surface
- Veterinary Medical Center – alterations to room E100 and corridor
- Bessey Hall – alterations to first and second floors
- Spartan Stadium – Addition 6 – South End Zone

Step 3: Bid and contract award

- Food Processing and Innovation Center
- Healthy Campus Initiative – recreation and fitness – replace pool and locker room HVAC systems
Step 2: Authorization to proceed

- Wharton – Great Hall – seating replacement
- Engineering Research Complex - Addition and Renovations (Fraunhofer Center Expansion)
- Jenison Field House alterations

Step 3: Bid and contract award

- Parking Lot 92 – reconstruction and expansion
- Wharton Center – replace roofs (16-17 major maintenance)
- Roads – Trowbridge Road – repaving Harrison Road to Oyer
Made a New Year’s resolution to exercise more?

IPF may be able to help you achieve your goal!
IPF’s Facility Information Services (FIS) and Geographic Information System (GIS) provides an online application which highlights walking tours of campus of varying lengths.

Visit: [http://gis.msu.edu/walkingloops/](http://gis.msu.edu/walkingloops/)
Happy New Year!

There you will find several different length walking loops around campus. Just click on any of the colored loops, and you will see the total distance. You can also view the location of various campus art installations that you can enjoy during your walk.
You can even print out a PDF version of the entire map showing all of the loops with their corresponding distance.
Happy New Year!

Please remember to practice good winter walking safety by:

• Wearing warm clothing and proper footwear (heavily treaderd with a flat bottom).
• Being aware of the condition of your path. Look ahead for potential icy/snowy spots as well as traffic obstacles.
• Taking short shuffling steps in slippery areas.
• Avoiding uneven walking surfaces. Be extra careful when stepping from curbs or ascending/descending stairs.
• Avoiding walking with your hands in your pockets. This reduces the ability to use your arms for balance.

So lace up those shoes, and hit the campus trails!
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.
Why?

- To expand the Fraunhofer Center for Coatings and Diamond Technologies (CCD) by renovating current space and building of an addition.
Project scope

- Currently being evaluated in design phase
- Conversion of space in the Engineering Research Complex to laboratories and building of an office addition
  - Or utilize suite 32 and surrounding offices with minor upgrades and build a laboratory addition
- Upgrading of existing electrical service
- Consolidation of chillers, which will:
  - Free-up square footage in the space currently being occupied by mobile cooling units
  - Support existing infrastructure
  - Increase energy efficiency
  - Take advantage of “free” cooling
Impacts

• Increased traffic in and around the Engineering Research Complex, Parking Lot 97 and Woodlot Drive

Schedule:

• Construction start: April 2017
• Ready for occupancy: December 2017
Elevation plan – four different options
Engineering Research Complex – addition and renovations (Fraunhofer Center expansion)  
( CP16042 )

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Why?

• Create a living environment that supports both single students and student families around the resources they need to be academically successful

• Create an institutional asset to further our world class land-grant mission

• Consolidate office spaces from across campus, freeing up space for academic programs while saving resources and improving communication

• Create synergies between Residential and Hospitality Services and Intercollegiate Athletics
Project scope

• 102,000 square foot mixed use office building (LEED Silver)
  o RHS offices
  o Intercollegiate Athletics offices
  o Retail

• 438,000 square foot student apartments
  o Single student apartments (Studio, 2BR, 4BR)
  o Family housing apartments (1BR, 2BR)

• Parking (2,075 spaces)
  o Deck
  o Student (apartments)
  o Event\staff

• Funding Source – auxiliary funds
  o RHS
  o Intercollegiate Athletics
  o Parking
Timeline

• Construction start: Summer 2015
• Parking Ramp 7 open: April 2016
• Family Student Housing Unit occupancy: August 2016
• Single Student Housing Unit occupancy: August 2017
• Starbucks, Marketplace, Apparel Shop and Ticketing Office open: August 2017
• Office building, Hall of Champions and Housing Assignment Office occupancy: October 2017
Site selection and existing conditions

- University Village: To Remain
- Event Parking: To Be Relocated on Site
- State Police Bldg.: To Be Demolished
- Scene Shop Pole Barn: To Be Replaced
- Police Pole Barn: To Be Replaced
- 1855 Place (CP13351): January 2017
Phase one site phasing plan – September 2015
Phase two site phasing plan – August 2016
Site plan – aerial view

- Family apartment buildings
- Existing University Village
- Building “D”
- Building “C”
- Building “B”
- Building “A”
- Office building
- First-floor retail
- Parking Ramp 7

1855 Place (CP13351)
January 2017
1855 Place – address and building name assignments
Office\mixed-use building – view from southeast
View of mixed-use building from Harrison and Kalamazoo
Exterior of the single student townhome units
Interior finishes in the single-student townhouse units
Exterior work on the student housing unit endcaps continues
View of the east side of the office tower complex
1855 Place (CP13351)
January 2017

View of the west side of the office tower from the roof of one of the housing units
Interior work on the office/retail tower
Interior work on the office/retail tower
HVAC units installed on the roof of the office tower
Project webcam

http://oxblue.com/open/Walbridge/SpartanVillage
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Breslin Student Events Center – facility upgrades (CP14110)
January 2017
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

• Phase one:
  o 22,000 square foot addition around building
  o Expand concourse
  o Renovate/upgrade 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

• 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
Phases one and two – floor plan concourse scope outline
Site improvements

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. Regrade parking lot to meet ADA requirements
7. Drop-off zone
8. Proposed Hall of History Plaza
Southwest addition – exterior
Southwest addition – interior
Breslin Student Events Center – facility upgrades (CP14110)
January 2017

Hall of History – south elevation
Hall of History – entrance
Strength and Conditioning Room
Phase two – exterior – Hall of History
Project webcam

http://oxblue.com/open/MSU/Breslin
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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.

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