CONSTRUCTION PLANNING AND PROGRESS MEETING
BROUGHT TO YOU BY INFRASTRUCTURE PLANNING AND FACILITIES
February 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 Snow Plan

New projects
- Veterinary Medical Center – alterations to room E100 and corridor
- Spartan Stadium – South End Zone Addition
- Bessey Hall – alterations to first and second floors

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

- Engineering Research Complex - Addition and Renovations (Fraunhofer Center Expansion)

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
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!

INFRASTRUCTURE 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?

• Renewed investment in these instructional resources is necessary to provide the facilities and technology that support our teaching and learning and contribute to the success of our students.

• Comprehensive renovation will create high-impact educational environments that:
  o Engage students in active learning
  o Provide opportunities for research and leadership in instructional methods
  o Foster innovation through technology rich environments
Project scope

• Comprehensive renovation of lecture hall E100 to include: new ceilings, lighting, flooring, paint, marker boards, technology and furniture

• Renovation of adjacent corridor to provide student seating, collaboration space, and informal learning opportunities which will include: new ceiling, lighting, paint, electrical and furniture

• Addition of a single-use, gender-neutral restroom; and quiet study/testing space
Impacts

• Increased construction traffic in and out of the west side of the building
• Noise and dust typical with a demolition project

Schedule

• Construction start: May 8
• Ready for occupancy: Aug. 16
Room E100 – area of renovation
Construction Representative: Ken Gottschalk
kjgottsc@ipf.msu.edu
(517) 353–7234
Spartan Stadium – South End Zone Addition (CP16298)
Why?

• The south end of Spartan Stadium is lacking in fan amenities, with limited concessions and no restrooms.
• Fans must use facilities in the east or west sides of the stadium that are inconvenient and create congestion.
• The Department of Homeland Security has recommended changes to the entry gates at the Stadium.
Project goals

• Create a simplified addition focused on providing restrooms and capacity for added concessions.
  ○ Structure can be incorporated into future expansions at the south end of the Stadium, while still providing an appropriate fan experience.
• Renovate gates and donor plazas similar to those located at the North End Zone.
• Maintain the existing parking count in Parking Lot 79 area.
Project scope

• Construction of an approximately 18,500 to 20,000 gross square foot single-story structure to include:
  o Approximately 236 bathroom fixtures (130 women, 103 men, and three gender-neutral)
  o Four concession stand areas (completed as a separate project for the 2018 football season)

• Movement of the ticket gates out from the Stadium structure to meet Department of Homeland Security recommendations.

• Modification of Parking Lot 79
  o Extending it to the west
  o Converting lot to pay-per-space
  o Maintaining the existing parking capacity
  o Maintaining the main pedestrian pathway between the track and field bleachers and Parking Lot 79.
Impacts

• The eastern portion of Parking Lot 79 will be reduced to half capacity starting Feb. 18 (pending BOT approval) and lasting through June. The entire lot will be inaccessible from early July through mid August.
• Coordination with other concurrent projects in the area (Spartan Stadium field lighting installation and Ralph Young hockey field replacement) will be ongoing
• Limiting impacts to campus events (Odyssey of the Mind, Green and White Spring Game, etc.) will involve coordination with DPS and other entities

Schedule

• Construction start: February 2017
• Ready for occupancy: Aug. 21, 2017
Spartan Stadium – South End Zone Addition (CP16298)

Rendering – looking north from Shaw Lane
Spartan Stadium – South End Zone Addition  (CP16298)

Rendering – looking northwest
Rendering of west side of proposed addition – looking northeast
Proposed floor plan

- Women's Restroom
- Men's Restroom
- Concessions
- Unisex/Family Restrooms
- Mechanicals
Pre-game accessible restroom areas (shaded in gray)
Design Representative:
Scott Gardner
mgardner@ipf.msu.edu
(517) 432-0782
Why?

- The last major investments in this space occurred in 2014 on the third floor.
- Renewed investment in these instructional resources is necessary to provide the facilities and technology that support our teaching and learning and contribute to the success of our students.
- Comprehensive renovations will create high-impact educational environments that:
  - Engage students in active learning
  - Provide opportunities for research and leadership in instructional methods
  - Foster innovation through technology rich environments
Project scope

- Comprehensive renovation of the first and second-floor instructional space (including 11 classrooms and one lecture hall) to include: new ceilings, lighting, flooring, paint, marker boards, window treatments, technology and furniture
- Renovation of adjacent corridors to provide student seating, collaboration and informal learning opportunities which will include: new ceiling, lighting, flooring, paint, electrical and furniture
- Potential addition of a single use restroom, quiet study and testing spaces
Impacts

• Limited impact to adjacent academic and academic support functions
• Project team will coordinate with building occupants

Schedule

• Construction start: May 8
• Ready for occupancy: Aug. 16
First floor – area of renovation
Second floor – area of renovation
Project Representative: Matt Postma
mpostma@ipf.msu.edu
(517) 353–9223
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
- Police Pole Barn: To Be Replaced
- Scene Shop Pole Barn: To Be Replaced
- State Police Bldg., To Be Demolished
Site plan
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 – address and building name assignments

1855 Place (CP13351)
February 2017
Office\mixed-use building – view from southeast
View of mixed-use building from Harrison and Kalamazoo
Installation of exterior sheathing on mixed-use office/retail building
Installation of exterior glass on mixed-use office/retail building
Office construction in mixed-use office/retail building
1855 Place (CP13351)
February 2017

First-floor slab construction in the mixed-use office/retail building
Single student apartment construction framing
1855 Place (CP13351)
February 2017

Single student apartment endcap construction progress
Project webcam

http://oxblue.com/open/Walbridge/SpartanVillage
Project representative: Andy Linebaugh
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(517) 432-7103
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:
  - 22,000 square foot addition around building
  - Expand concourse
  - Renovate/up upgrade restroom facilities, increase fixture count
  - Renovate concessions stands
  - Improve entry vestibules to main concourse
  - Improve finish levels and experience on concourse
  - Improve site conditions for ingress and egress
  - Improve site security
  - Replace chiller system
  - Connect to East Lansing water system

- Phase two:
  - 30,000 square foot addition
  - Create sense of main entry; destination to the building
  - 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
Breslin Student Events Center – facility upgrades  (CP14110)
February 2017

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
Breslin Student Events Center – facility upgrades (CP14110)
February 2017

Project phasing plan – Oct. 28, 2016 through March 1, 2017
Southwest addition
Hall of History addition
Interior work on the Hall of History addition
Interior work on the Hall of History addition
Strength and Conditioning room
Phase two – exterior – Hall of History

Breslin Student Events Center – facility upgrades (CP14110)
February 2017
Project webcam

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