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

Twitter hashtag #msuconstruction
Please let us know how we’re doing

• We want your thoughts and suggestions about the 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.
MSU Board of Trustees updates

Summer parking lot projects

Project updates

- Business College Complex – Addition No. 2 – Pavilion
- Parking Lot 92 – reconstruction and expansion
- Parking Lot 63 – reconstruction and expansion
- Hubbard Hall – exterior masonry repair and window replacement 2017
- Solar carports (electrical distribution – renewable energy)
- IM Sports West – replace pool and locker room HVAC systems
Project updates (continued)

• Interdisciplinary Science and Technology – construct original building
• Engineering Research Complex – addition and renovations
• Veterinary Medical Center – alterations to room E100 and corridor
• Bessey Hall – alterations to first and second floors
• Engineering Research – Hulett Rd. – Addition No. 2 – Food Processing Innovation Center
• Olin Health Center – Student Wellness Center
• Ralph Young Track – replace field hockey playing surface
• 1855 Place
• Breslin Student Events Center – facility upgrades
• Spartan Stadium – South End Zone Addition
• Spartan Stadium – install permanent field lighting
Step 2: Authorization to proceed

- Communication Arts and Sciences – replace roofs 1, 2, 3, 6, 7, 14 and 15
Step 2: Authorization to proceed

- Jenison Field House alterations
- International Center – revitalization project
- Hubbard Hall – exterior masonry restoration and window replacement – phase three
Parking lot projects
Summer parking lot projects (southwest campus)

Lot 83 will have portions closed for solar carport installation

Lot 89 will have portions closed for solar carport installation

Lots 86, 93 and 104 will have portions closed for utility installations
Lot 92 entirely closed for reconstruction until end of July. After that, portions will be closed for solar carport installation through Fall 2017.

Lot 91 will have portions closed for solar carport installation.

Lot 100 will have portions closed for solar carport installation.

Lot 90 is now off-line, and construction has begun on the new Interdisciplinary Science and Technology building.
Lot 79 entirely closed to accommodate local construction
June 19 - Aug. 21

Lot 63E entirely closed for reconstruction
June 19 - Aug. 21
Project milestones (accomplishments/project phases completed during the past month)

• Demolition has started.
• Lear Wing is vacant and all furniture has been removed.

Impact updates (pedestrian, traffic, building occupant, facility impacts expected in the coming month)

• Sidewalks on the south side of the Eppley Building have been closed to pedestrians. Traffic has been diverted to the sidewalk on the south side of Shaw Lane.
Demolition in progress
New water main piping
New utilities being installed in front of the Eppley Building
Phase 1: July - August 2017

- Site Utility Work
- Temp. Utilities to Eppley
- Begin Site Foundations
- Lean Demo

Broad College of Business Pavilion
Site Logistics Plan
Revision 11 - 5/30/2017

- Construction Fence
- Dust Control
- Gates
- Dual Gate System
- Sidewalk Closed
- Sidewalk Temp. Closed
- Pedestrian Walk
- Pedestrian Route
- Paved Truck Route
- Temporary Bike Parking by MSU
- Pedestrian Safety
- Dual Gate System Operation

Legend:
Construction representative:
Tony Rhodes
arhodes@ipf.msu.edu
(517) 432-7104
Project milestones (accomplishments/project phases completed during the past month)

• Project was substantially complete July 28
• Pre-construction portion of lot re-opened July 31
• Pedestrian traffic north of Service Road is fully restored

Impact updates (pedestrian, traffic, building occupant, facility impacts expected in the coming month)

• Enlarged portion of lot (easternmost section) to remain closed in preparation for solar carports
• Subsequent reconstruction of Regional Chilled Water Plant drive (western entrance only) closed through Aug. 18
Asphalt base course installation
Asphalt wearing course installation
Aerial view of open lot
Construction representative: 
Chris Barnes 
cbarnes@ipf.msu.edu 
(517) 355-1628
**Project milestones** *(a list of accomplishments/project phases completed during the past month)*

- Lot 63 West paving is complete and open for use
- Pay station installation is scheduled for the week of Aug. 14
- Lot 63 East curb complete and paving scheduled for week of Aug. 14
- On schedule to meet substantial completion on Aug. 21

**Impact updates** *(a list of any pedestrian, traffic, building occupant, facility impacts expected in the coming month)*

- Lot 63 East closed until Aug. 21
Lot 63 West

Parking Lot 63 – reconstruction and expansion (CP15267)
Parking Lot 63 – reconstruction and expansion (CP15267)

Lot 63 West
Construction representative:
Jason Van Zee
jvanzee@ipf.msu.edu
(517) 432-2675
Project milestones *(accomplishments/project phases completed during the past month)*

- Window installations are complete

Impact updates *(pedestrian, traffic, building occupant, facility impacts expected in the coming month)*

- Cleaning in the residence hall rooms was delayed, but is now underway
Finishing windows and beginning to take rigging down.
Construction representative:
Carol Cool
ccool@ipf.msu.edu
(517) 353-8619
Project milestones (a list of accomplishments/project phases completed during the past month)

• Lot 83 foundation installations complete in western phases, and ongoing in middle phases
• Lot 89 western phases nearing completion of solar install
• Lot 89 north phases canopy erection and solar panel install ongoing
• Lot 91 foundation installations complete in eastern and middle phases
• Lot 91 canopy erection in eastern phases starting July 31

Impact updates (a list of any pedestrian, traffic, building occupant, facility impacts expected in the coming month)

• Portion of each lot will be closed as each phase of installation progresses
• Lot 89 planning to reopen parking in west phases and begin canopy erection in south phases week of Aug. 7
Canopies awaiting solar panel installation
Completed carports showing electrical connections to Power Plant
View of the underside of the carports
Project webcam

https://app.oxblue.com/open/inovateus/spartanpvq
Construction representative:
Chris Barnes
cbarnes@ipf.msu.edu
(517) 355-1628
IM Sports West – replace pool and locker room HVAC systems (CP15250)
Project milestones *(accomplishments/project phases completed during the past month)*

- Structural steel supports for new mechanical units have been installed on the roof.
- New mechanical units craned to the roof for installation.

Impact updates *(pedestrian, traffic, building occupant, facility impacts expected in the coming month)*

- No new impacts next month.
New lockers
Installing new lighting fixtures

IM Sports West – replace pool and locker room HVAC systems (CP15250)
New electrical equipment
IM Sports West – replace pool and locker room HVAC systems  (CP15250)

Construction representative:
Carol Cool
ccool@ipf.msu.edu
(517) 353-8619
Project milestones  (accomplishments/project phases completed during the past month)

• Basement foundations are complete.
• The steam tunnel and lines in front of the building site have been completed.
• Sidewalk on the south side of Service Road from Hagadorn Road to Clinical Center A-Wing has been reopened.
• Sidewalk on the north side of Service Road from Hagadorn Road to Bogue Street has been reopened.

Impact updates  (pedestrian, traffic, building occupant, facility impacts expected in the coming month)

• Construction traffic will continue to be heavy on Service Road.
• The sidewalk detour on Bogue Street at the mechanical vault will remain for the next month.
Steam lines are insulated and the tunnel lid installed.
Forming and reinforcing footings for the building.
Basement footings complete and reinforcing for basement walls started
Portion of basement wall formed and ready for concrete
With some basement walls poured the forms are stripped and moved to next section.
Basement walls are out of the ground and finishing touches being added
Project webcam

https://app.oxblue.com/open/RockfordCon/InterdisciplinaryScience
Construction representative:
Carol Cool
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(517) 353-8619
Engineering Research Complex – addition and renovations (CP16042)
Project milestones *(accomplishments/project phases completed during the past month)*

- Contractors have mobilized and are on site
- Construction fence is being installed
- Demolition has started

Impact updates *(pedestrian, traffic, building occupant, facility impacts expected in the coming month)*

- Increased construction traffic turning north off Mt. Hope Road
- Increased construction noise
Construction trailer is on site
Construction fencing has been installed
Tree protection has been installed
Demolition has begun
More demolition in progress
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Construction representative:
Ken Gottschalk
kfgottsc@ipf.msu.edu
(517) 353-7234
Project milestones *(accomplishments/project phases completed during the past month)*

- Walls are painted
- Ceiling and lights are installed
- Flooring installation is on-going

Impact updates *(pedestrian, traffic, building occupant, facility impacts expected in the coming month)*

- The west corridor continues to be closed to through pedestrian traffic
- Increased construction traffic will continue at the northwest drive
Ceiling and wall installation in the corridor outside of the Auditorium
New flooring installation in the Auditorium
Walls have been painted and ceiling completed in the Auditorium
New vestibule installation on the north side of the corridor outside of the Auditorium
Veterinary Medical Center – alterations to room E100 and corridor  

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Construction representative:  
Ken Gottschalk  
kjgottsc@ipf.msu.edu  
(517) 353-7234
Project milestones  
*(accomplishments/project phases completed during the past month)*

- Auditorium seating to be installed on Aug. 14
- Final inspections are scheduled for the weeks of July 31 and Aug. 17

Impact updates  
*(pedestrian, traffic, building occupant, facility impacts expected in the coming month)*

- No additional impacts
New flooring and painting is complete in the second-floor corridor. Ceiling system installation is in progress.
Completed epoxy flooring in the auditorium.
Construction representative:
Matt Postma
mpostma@ipf.msu.edu
(517) 353-9223
Project Location – Off Campus
Project milestones (accomplishments/project phases completed during the past month)

- New addition foundation is complete
- Underground utilities are 90% complete
- New water service is being installed

Impact updates (pedestrian, traffic, building occupant, facility impacts expected in the coming month)

- No additional impacts
New grease interceptor on the east side of the building
Interior slab installation and underground plumbing is complete
The new addition foundation has been installed
New loading dock area in progress
Construction representative:
Tony Rhodes
arhodes@ipf.msu.edu
(517) 432-7104
Project milestones \textit{(accomplishments/project phases completed during the past month)}

- Work at Linton Hall is completed
- At Olin Health Center:
  - Abatement and demolition are complete
  - New plaster work and mechanical rough-in are complete
  - Electrical rough-in is complete

Impact updates \textit{(pedestrian, traffic, building occupant, facility impacts expected in the coming month)}

- Only remaining impacts will come during move in to the completed space during the week of Aug. 7
Ceiling installation and corridor plastering underway
New patient reception area
New patient reception area and south corridor
Patient reception entrance
Construction representative:
Todd Wilson
tdwilson@ipf.msu.edu
(517) 432-4355
Ralph Young Track – replace field hockey playing surface (CP16083)
Project milestones *(accomplishments/project phases completed during the past month)*

- Field turf has been installed
- Asphalt coating and repairs are in progress
- Irrigation improvements are complete

Impact updates *(pedestrian, traffic, building occupant, facility impacts expected in the coming month)*

- Sidewalk closure to be removed by July 31
End line lettering being installed – south end of field.
End line lettering being installed – north end of field
Field turf being installed.
Completed field turf.
Asphalt field border being cleaned for new coating and repairs.
Repaired border with new coating.
Project representative: Tressa Wahl
twahl@ipf.msu.edu
(517) 884-2185
Project location
**Project milestones** *(a list of accomplishments/project phases completed during the past month)*

- Phase 2 apartments are beginning to be occupied
- First-floor retail spaces will be open for business on Aug. 1
- “Junipers” sculpture pieces have been installed
- All remaining parking lots paved and striped
- Overhead utilities along Harrison Road removed
- Site work and landscaping continues

**Impact updates** *(a list of any pedestrian, traffic, building occupant, facility impacts expected in the coming month)*

- All walks will be open prior to school starting
- All roads and parking areas are open for use as of Aug. 1
Masonry work in the plaza area continues
View from the corner of Kalamazoo Street and Harrison Road
Single student apartment unit end cap
End cap fitness center
Retail space in mixed-use tower

1855 Place (CP13351)
Finishing work in one of the retail areas
Electrical connections for some of the A/V elements
Project webcam

http://oxblue.com/open/Walbridge/SpartanVillage
Construction representative:
Andy Linebaugh
alinebau@ipf.msu.edu
(517) 432-7103
Project milestones  (a list of accomplishments/project phases completed during the past month)

• Hall of History exterior glass complete
• Quad 3 (SW) exterior concrete installed and landscaping has started
• Restroom fixtures in the south Breslin concourse have been installed
• Strength and Conditioning Room construction complete and ready for equipment installations
• AV installations in the Hall of History have started
• Terrazzo flooring ongoing in the Hall of History and south concourse

Impact updates  (a list of any pedestrian, traffic, building occupant, facility impacts expected in the coming month)

• Pedestrian detours remain around the Hall of History Plaza
• South concourse of Breslin remains closed
New southern gate entrance
Hall of History Plaza entrance
Hall of History interior
Hall of History interior
Southern concession area
Southern concourse work
Project webcam

http://oxblue.com/open/MSU/Breslin
Construction representative:
Jason Van Zee
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Spartan Stadium – South End Zone Addition (CP16298)
Project milestones *(a list of accomplishments/project phases completed during the past month)*

- Toilet fixtures installed in the restrooms (239 total)
- Roof is complete
- Plaza ticket canopy brick complete and roofing commenced
- Plaza concrete installation is ongoing
- Lot 79 curb and gutter complete, paving scheduled for week of Aug. 14

Impact updates *(a list of any pedestrian, traffic, building occupant, facility impacts expected in the coming month)*

- Lot 79 closed until Aug. 21
- Stadium south concourse closed until Aug. 21
Bollard installation
Entry gates in progress
Progress on some of the decorative exterior elements
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Construction representative:
Jason Van Zee
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Spartan Stadium – install permanent field lighting (CP15015)
**Project milestones** *(a list of accomplishments/project phases completed during the past month)*

- Lighting installation is complete
- Testing/commissioning of lighting is complete
- Project is substantially complete

**Impact updates** *(a list of any pedestrian, traffic, building occupant, facility impacts expected in the coming month)*

- No additional impacts
Lighting system on west side of Stadium
View of individual LED lamps on west side of Stadium
New lighting towers at northeast and southeast corners of the Stadium
Spartan Stadium – install permanent field lighting (CP15015)

View of field during lighting testing
Spartan Stadium – install permanent field lighting (CP15015)

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Construction representative:
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Spartan Stadium - install permanent field lighting
Project phase: Construction

Project background
- Currently, the Athletic department rents lighting systems to temporarily light the Spartan Stadium field for nighttime events.
- These are provided and paid for by the television networks broadcasting from the facility.
- The installation of permanent lighting is a requirement of the new Big Ten broadcast agreement, which goes into effect for the 2017 football season.

Project scope
- Installation of permanent LED field lighting in Spartan Stadium.
- Field lighting will meet NCAA National Championship broadcast lighting levels of 125 vertical foot-candles.
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Construction Junctions continue monthly

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

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