Welcome to this special edition of Construction Junction!

ICE CREAM CONES AND CONSTRUCTION ZONES

2016 summer construction roundup
Thursday, April 14, 2016
College of Law, room 474

Please sign in and complete a survey!
Twitter hash tag #msuconstruction
With ice cream from the:

Trivia contest prizes from:

...and more fun goodies!
And our friendly mascots...

Barry the Barrel

Coney
...and a visit from Captain Construction
Goals of this special edition:

• Inform you of impending summer construction
  o What, why, when, how it will impact you and who to contact
• Focus on projects that are:
  o High profile (highly visible, new buildings, etc.)
  o High impact (may cause pedestrian, biker and/or motorist detours)
• Commiserate (we know construction brings challenges), have fun and eat ice cream!
PLEASE LET US KNOW HOW WE’RE DOING

• We want your thoughts and suggestions about how you feel about the 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
• Summer 2016 roadway and parking lot projects
• Classroom renovations/remodels

New projects
• Abbot Road landscape rejuvenation project
• Hubbard Hall exterior masonry repair and window replacement

Project updates
• 1855 Place
• Breslin Student Events Center - facility upgrades
• Natural gas distribution – new pipeline from Mt. Hope
• T.B. Simon Power Plant – upgrade utility substation
• Saginaw Valley Research and Extension Center
• Engineering Building - chiller replacement
• Engineering Building – alterations to suite 1515
• New intercollegiate golf facility
Step 1: Authorization to plan

- Engineering Research Complex – addition 4 and renovations
Step 1: Authorization to plan

- Spartan Stadium – installation of permanent lights
- Athletic fields – Ralph Young Track – replace field hockey field
Roads and parking lots
Milling and repaving

Summer roadway and parking lot asphalt maintenance
Why?

• The asphalt conditions are to a point where safety is becoming a concern, and the pavement conditions will not last through another snow season with snow plowing.

Timeline

• Work will begin around 8 a.m. on Friday, May 13.
• Asphalt milling all locations through approximately 9 p.m.
• Paving all locations and installing pavement markings from Saturday morning through Sunday evening.
Impacts

• There will be delays, but the goal is to maintain traffic flows.
• Access into parking lots adjacent to roadway resurfacing will be temporarily closed during paving operations only. Once the asphalt cools to vehicle traffic temperatures, we will reopen.
• IPF will do its best to coordinate contractor schedules to line up the equipment needed for the weekend work to minimize the inconvenience to the campus community.
• If inclement weather delays work, the areas that aren’t able to get paved will be reopened to traffic on the following Monday, allowing cars to drive on the milled asphalt. Crews will then return after 5 p.m. during the week (weather depending) to pave the remaining areas to limit the impact to the community.
Summer 2016 roadway milling and repaving – May 13 through 15

- Kalamazoo Street from Harrison Road to Birch Road
- Auditorium Road between Physics Road and Bogue Street
- Shaw Lane between Chestnut Road and Red Cedar Road
- Science Road between North and South Shaw Lanes
- South/west-bound lane of Wilson Road near IM East Field
Parking lot restriping
Why?

- The majority of parking areas on campus are striped on a three-year rotation.

Timeline

- Painting is scheduled in two-week time periods to allow for striping to take place in smaller sections and to also allow for weather delays.
- Parking areas that are being painted are generally shut down for two to three hours, but may take longer due to adverse weather conditions which can cause the paint to dry slower.
Impacts

• Painting crews begin work at 5 a.m., and spaces are left available whenever possible.
• Campus visitors and employees are asked to refrain from moving cones or parking in spaces that are being painted or that have been recently painted, so as not to inhibit the painting crew.
Summer roadway and parking lot asphalt maintenance

Parking lot striping – May 23 through June 10

Lot 56 Reservoir
Lot 71 Wonders Hall
service area/loops
Lot 79 Stadium (west)
Lot 81 Building 88
Lot 40 Faculty
Lot 49 Packaging Lab
Lot 72 Case Hall N and S
Lot 85 Manly Miles (west)
Lot 60 IPF (south)
Lot 38 Erickson (gated)
Lot 50 International
Ramp #5 Comm Arts

Communication Arts and Sciences - June through July
Parking lot striping – June 13 through June 24

Lot 39 Commuter/visitor
Lot 58 Speech/Audiology
Lot 73 Wilson Hall service area/loops
Lot 86 Manly Miles (east)
Lot 42 Dairy
Lot 43 North of Food Science/Anthony
Lot 93 Nisbet
Lot 74 Holden Hall service area/loops
Ramp #5 Comm Arts

Communication Arts and Sciences - June through July
Parking lot striping – June 27 through July 8

Lot 98 Tennis Facility
Lot 48 Natural Resources
Lot 62 IM West (faculty)
Lot 99 University Stores (Angell)
Lot 77 DPPS south
Lot 52 Comm Arts (sm lot)
Lot 62 IM West (west)
Lot 57 UPLA/IMC
Lot 78 Duffy FB Building
Lot 59 IPF
Ramp #5 Comm Arts
Engineering barrier-free loop
Visitor Center

Lot 59 (IPF) - one Saturday in July (weather dependent)
Communication Arts and Sciences - June through July
Summer roadway and parking lot asphalt maintenance

Parking lot striping – July 11 through July 22

Lot 79 Stadium (east side)
Lot 70 Old Faculty
Lot 55 Central Services
Lot 68 Breslin Loop
Lot 82 Purchasing Building employee
Lot 95 Power Plant (employee)
Lot 59 IPF
Ramp #5 Comm Arts

Lot 59 (IPF) - one Saturday in July (weather dependent)

Communication Arts and Sciences - June through July
Summer roadway and parking lot asphalt maintenance

CONSTRUCTION.MSU.EDU

Project Manager
Adam Lawver
lawver@ipf.msu.edu
(517) 884-2321
Sprinkle in some trivia!

How often are the majority of parking areas on campus re-striped?
Sprinkle in some trivia!

Every three years
Parking lot construction
Lot 89 – Commuter Lot (May 9 – June 30)
Lots 83 (student) and 88 (Linen Services) – sewer separation project

- Parking lot construction

- May 9 through June 6
- April 18 through June 6
Lot 92 (Regional Chilled Water Plant) – reconstruction

Lot closed June 24 through August 19

Pedestrian Detour

Road barricades along bike lane line. No traffic lane closure necessary
Parking lot construction

Design representative:
Dave Wilber
dwilber@ipf.msu.edu
(517) 884-2186
Classrooms
Classroom renovations/remodels
Summer 2016 classroom renovations/remodels

- Bessey Hall 113
- Case Hall 337
- Chemistry 138 and 183
- Communication Arts and Sciences 165
- Engineering 1220 and 2320
- Erickson Hall 128, 130, 226 and 228
- Holmes Hall E26A
- Hubbard Hall G28, G29, G30, G31, G32, 129 and 132
- IM West 203 and 215
- Music Building 135, 141, 145, 206 and 245
- Plant and Soil Science A148 and A158
- Wells Hall A216, A218, A316 and A318
Classroom renovations/remodels

**Case Hall 337**
- Conversion to REAL (Rooms for Engaged and Active Learning) classroom

**Chemistry 138**
- Complete renovation
- Larger and more comfortable seating
- Additional aisle space (better instructor/student interaction)

**Engineering 1220**
- Conversion to REAL (Rooms for Engaged and Active Learning) classroom
Design representative:
Dan Klann
klann@ipf.msu.edu
(517) 353-3113
New projects
Abbot Road landscape rejuvenation project
Project goals

- Utilize funding to improve a signature campus site
- Renovate an aging landscape to strengthen the university’s historical entrance
- Reinforce the Campus Landscape Master Plan – Campus Entrances Overarching Goal
  - “Establish a recognizable and visually attractive design aesthetic that appropriately identifies the campus at its borders, provides for safe circulation and aids visitor wayfinding.”
Assessment

• Norway maples along major circulation route present a safety hazard
  • Overall condition is poor – declining health
  • Internal decay, crown dieback, girdling roots and invasive species
• The Norway spruce has a decay column that extends to grade
Project scope

• Remove 21 declining non-native Norway maples and one declining Norway spruce in boulevard; replace with 14 swamp white oaks (a native species)
  • Oaks will provide a stately canopy structure
  • Some of the oldest trees on campus are swamp white oaks, which demonstrates their longevity
• Remove eight low evergreen groupings in boulevard to improve circulation sight lines
• Add five Sugar Tyme crabapples to provide seasonal interest backdrop at the historic limestone marker
• Enhance adjacent parkways along the Union Building and Campbell Hall by infilling with five trees to maintain a “park-like” signature entrance
• Alleviate soil compaction and amend
Schedule

• Project start: May 23
  • Will begin after College of Law commencement May 13 and East Lansing Art Fair May 21-22
• Project completion: June 17
• Southbound Abbot Road closure: May 23 – June 10
Impacts

- Southbound Abbot Road will be closed daily (May 23 – June 10) from 8 a.m. – 6 p.m.; open on the weekends.
- Meter parking on southbound Abbot Road will not be available for the project duration (May 23 – June 17).
- Minor intermittent pedestrian detours
- Union sidewalks and parking bays will have temporary closures for repairs and exterior accessibility improvements.
- No utility shutdowns are necessary for work scope.

NOTE:

- During the same period we are taking the opportunity to restore Campbell Hall’s historic masonry benches (along Abbot Road).
Removal plan

Abbot Road landscape rejuvenation project
Abbot Road landscape rejuvenation project

Proposed plan
Design representative:
Tressa Wahl
twahl@ipf.msu.edu
(517) 884-2185
Sprinkle in some trivia!

Is the Norway Maple a native Michigan species?
Sprinkle in some trivia!

No (they are being replaced by Swamp White Oaks; a native species)
Hubbard Hall – exterior masonry repair and window replacement
Why?

• Restore the structural integrity of the masonry building envelope that has serious structural problems identified in a 2013 masonry investigation.
• Building windows will be replaced since the existing windows need to be removed to perform the masonry repairs.
• This project will be completed in four phases:
  o Southeast façade – 2016
  o Southwest façade – 2017
  o Northeast façade – 2018
  o Northwest façade - 2019
Impacts

• Summer programs using residence halls—project limits use of Hubbard Hall to one living wing each summer 2016-2019.

Timeline

• Construction start: May 2016
• Phase one completion: July 31, 2016
• Phase four completion: August 2019
Photos from 2014 interim masonry restoration and exploratory work

Hubbard Hall – exterior masonry repair and window replacement
Consortium Hall – exterior masonry repair and window replacement

Design representative: John LeFevre lefevr20@ipf.msu.edu (517) 884-6740

Construction representative: Carol Cool ccool@ipf.msu.edu (517) 353-8619
Project updates
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
• Ready for occupancy: Summer 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
April 2016
Site plan
Preliminary site phasing plan – phase two
1855 Place – address and building name assignments

1855 PLACE - BUILDING 1806
479 IVY CT
EAST LANSING MI 48823

1855 PLACE - BUILDING 1805
479 IVY CT
EAST LANSING MI 48823

1855 PLACE - BUILDING 1804
507 IVY CT
EAST LANSING MI 48823

1855 PLACE - BUILDING 1803
533 IVY CT
EAST LANSING MI 48823

BRESLIN STUDENT EVENTS CENTER SIGN
400 S HARRISON RD
EAST LANSING MI 48824

COMMUNICATION STORAGE UNIVERSITY VILLAGE
1159 PINE TREE CT
EAST LANSING MI 48823
(formerly 1156 GARDEN CITY RD)

1855 PLACE - BUILDING 1801
1570 GARDEN CITY RD
EAST LANSING MI 48823

1855 PLACE - BUILDING 1809
1250 GARDEN CITY RD
EAST LANSING MI 48823

1855 PLACE - BUILDING 1810
1230 GARDEN CITY RD
EAST LANSING MI 48823

KALAMAZOO ST

PARKING RAMP NO. 7 - HARRISON RD
575 S HARRISON RD
EAST LANSING MI 48823

1855 PLACE - BUILDING 1807
569 IVY CT
EAST LANSING MI 48823

1855 PLACE - BUILDING 1802
561 IVY CT
EAST LANSING MI 48823

PARKING BOOTH LOT 63
670 S HARRISON RD
EAST LANSING MI 48824
(formerly 721 S HARRISON RD)
Office\mixed-use building – view from southeast
View of mixed-use building from Harrison and Kalamazoo
E-Building construction
Parking deck – elevator and stair enclosure
Construction progress – parking deck (ice canopy)
Construction progress – framing D-Buildings
Project webcam

http://oxblue.com/open/Walbridge/SpartanVillage
Project representative:
Andy Linebaugh
alinebau@ipf.msu.edu
(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

- Project will be divided into two phases: facility upgrades and athletics addition
  - Phases will be designed in a way that allows minimal rework
  - Phases will be fully coordinated throughout design and construction
- Phase one:
  - 22,000 square foot addition around building
  - Expand concourse
  - Renovate/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
Project scope

• 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
Breslin Student Events Center – facility upgrades
April 2016

May 2016 – interior phasing

May 14 - June 14, 2016

Structural steel and exterior facade continue through August 2016

 MEP’s, Demolition, Gas/Water tie-in, and finishes complete August 2016

Operable EXISTING

Concourse finishes

OFFLINE

Operable EXISTING

Excavation and foundations begin at HOH.

Operable EXISTING

Operable EXISTING
May 2016 – work on Harrison Road

BMC Water Main Tie-in
- May 16 - June 3, 2016
- Southbound Lane Closed at West side
- Northbound Lane Closed at East side
- North/South Sidewalk closed at West side
- Bus Stop is closed temporarily

North-South pedestrian walkway from May 16 - June 3.

Temporary Bus Stop

HARRISON RD. SKETCH
March 4, 2016
Northeast addition
Northwest addition
Southwest addition
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
Exterior entry / concourse additions
Conceptual gate entry
Phase two – exterior – Hall of History

Breslin Student Events Center – facility upgrades
April 2016
Spartan Basketball All-Access: “Big Plans” (Episode 3)
Construction representative:
Jason Van Zee
jvanzee@ipf.msu.edu
(517) 432-2675

Design representative:
Jeff Bonk
jbonk@ipf.msu.edu
(517) 884-6746
Sprinkle in some trivia!

Which former MSU Basketball player contributed 3.1 million dollars towards funding of the new Strength and Conditioning Center?
Sprinkle in some trivia!

Draymond Green
Natural gas distribution – new pipeline from Mt. Hope
April 2016

Project location
Why?

- To increase the reliability of the natural gas delivery system to the T.B. Simon Power Plant.

Project Scope

- Installation of a new 12” natural gas pipeline from Mt Hope Road to a new meter stand at the TB Simon Power Plant.
- The existing gas service to the Power Plant will remain connected for redundancy.
- Augmentation to several miles of high pressure main in Lansing area.
Impact

- Project site is isolated to the service district of south campus at the T.B. Simon Power Plant and adjacent areas.
- Pipeline installation was performed by Consumers Energy.
- Site restoration was performed by the Infrastructure Planning and Facilities, Landscape Services department.
- Final asphalt and restoration work will occur May 2016, along Mt Hope.

Schedule

- Construction start: October 2015
- Gas service complete: December 2015
- Project complete: June 2016
New natural gas meter stand

Natural gas distribution – new pipeline from Mt. Hope
April 2016
Staged pipe sections
Restoration of bore pits
Natural gas distribution – new pipeline from Mt. Hope
April 2016

Construction representative: Chris Barnes
cbarnes@ipf.msu.edu
(517) 355-1628

Projects

Natural gas distribution - new pipeline from Mt. Hope

Project phase: Construction

In April 2015 the university announced its intention to discontinue burning coal in the T.B. Simon Power Plant by the end of 2016. This decision will take advantage of competitive fuel costs for natural gas, help the university to make progress toward its Energy Transition Plan goals; avoid the $4.5 million capital cost of the sorbent technology necessary to comply with EPA requirements for burning coal, as well as the on-going operational cost of the sorbent technology (estimated at approximately $100,000 per year), and avoid the cost of removing and disposing of fly ash, a by-product of coal burning.

This MSU project will support the university’s plan to cease burning coal as a fuel source by the end of 2016 by increasing the reliability of the gas delivery system through the installation of a second natural gas line. A second gas line will protect MSU in case of a failure on one of the lines and make it possible to conduct more effective testing to ensure the on-going integrity of the gas lines into the plant.

This project is located south of the Power Plant between Mt. Hope Road and Service Road in the service district. This project involves the installation of a second Consumers Energy gas line feed to the T.B. Simon Power Plant. The project also includes the installation of a valve on the main distribution line between the two gas lines that will supply gas to the power plant. This will secure the gas flow if one line experiences an interruption, and would be in addition to improvements planned by Consumers Energy.

Timeline
- Start of construction: October 2015
- End of construction: March 2016
Why?

• To provide increased electrical power capacity and delivery reliability to FRIB, the T.B. Simon Power Plant and the MSU campus.

Project Scope

• The project consists of the three elements:
  o An underground 138 kV transmission line from the existing Michigan Electric Transmission Company transmission line to the TB Simon Power Plant.
  o Installation of a larger capacity substation, consisting of two 50 MVA transformers, at the TB Simon Power Plant with space for a future third transformer and connection to the new switch house installed by FRIB.
  o Installation of a substation along the Michigan Electric Transmission line.
Impact

• Installation is being performed by Consumers Energy.
• Limited duration road closures of Bennet and Forest roads, and Pavilion drive, April thru June 2016.
• Site restoration will be performed by the Infrastructure Planning and Facilities, Landscape Services department.
• Critical coordination of energizing the system with TB Simon Power Plant and FRIB.

Schedule:

• Construction start: January 2016
• Power available: March 2017
Consumers Energy substation

138 kV underground transmission line

METC Electric Transmission line
Existing substation
Construction access matting
Restoration activities
METC transmission line
Construction representative:
Chris Barnes
cbarnes@ipf.msu.edu
(517) 355-1628
Why?

• Strengthen public/private industry relationships
• Enhance regional community education and outreach
• Agricultural industry meetings/trainings
• High-tech distance learning, field-oriented education
• Ag tourism

Scope

• 11,200 square foot facility – 4,500 sqft exhibition hall
• Classroom and commons area
• Gallery hall for regional agriculture initiatives and history
Aerial view of site prior to construction showing location of new structure

Proposed
Agricultural Education Center
Saginaw Valley Research & Extension Center
Frankenmuth, Michigan
Rendering of new structure
Agricultural Education Center – on site
Agricultural Education Center commons and gallery hall
Agricultural Education Center – north employee access
Agricultural Education Center entrance
Commons area and patio access
Commons area and entrance
Classroom
Exhibition hall from storage loft
Exhibition hall rear – kitchenette and loft
In-floor heating system
Project representative:
Ben Darling
darlin21@msu.edu
(517) 927-8238
Why?

• Replace aging cooling equipment at the end of its useful service life.

• Implement a comprehensive, long-range plan to create a regional chilled water loop among six buildings:
  o Engineering Building
  o Anthony Hall
  o Food Science
  o Natural Resources
  o Packaging
  o Communication Arts and Sciences

• Create a chilled-water network serving the affected buildings as efficiently as possible.
Scope

• Chilled-water loop
  o Site excavation near Engineering Building south wing
  o Site excavation between Engineering’s Dow wing and Anthony Hall
  o New chilled-water main piping

• Equipment upgrades in satellite buildings (phase II)
  o Addition of pumps and controls in Natural Resources, Packaging and Communication Arts and Sciences
  o De-commission aging electric chiller at Communication Arts

• Chiller replacement at Engineering Building (phase II)
  o Replace steam absorption chillers with new electric chillers
  o Expand building electrical substation
  o New roof-mounted cooling towers
Energy and sustainability

• New chillers at the Engineering Building produce chilled water using 60% less energy than the absorption machines currently installed.

• New chillers will fit in the existing mechanical room, avoiding excessive site disturbance for a building addition.

• Engineering chillers will be large enough to be “base loaded” vs. Anthony and Food Science chillers.
  o Most efficient machines in the loop will meet cooling demand at all six buildings for majority of the year.

• Project will avoid investing in a chiller plant at both the Engineering Building and Communication Arts and Sciences.
Impacts

• Pedestrian detours will be clearly marked during site construction.
• Construction zones will be properly separated to prevent unauthorized access.
• Building crane lifts will be coordinated in advance.
• No adverse parking impacts.
• Site access will require contractor coordination and just-in-time deliveries.
• Pedestrian circulation on-site will be impacted in Summer 2015, with minimal impacts lasting until April 2016.
Timeline

• Construction start: May 2015
• Substantial completion of chiller system: April 2016
Map of site showing tentative detours and entrance closures – Phase II

CHILLER REPLACEMENT (PHASE II) SITE DISTURBANCE ZONE (ALL BLDG ENTRANCES OPEN)
Completed installation of the chiller piping on the roof of Engineering
New switch bays installed in the basement of Engineering
Newly installed insulation on the chilled water piping in Engineering
Construction representative:
Todd Wilson
tdwilson@ipf.msu.edu
(517) 432-4355

Engineering Building – Chiller Replacement
April 2016

The Engineering Building is currently served by two steam absorption chiller machines in the basement of the south wing of the building. These machines have reached the end of their useful service life, as have their associated cooling towers on the roof. Constructing a chiller loop from the Engineering building to other nearby buildings could improve energy efficiency, allow redundant service to those buildings, and accommodate future building additions per the Campus Master Plan.

**Project details:**
- Complete replacement of the chiller plant.
- Demolition and replacement of the chillers, pumps and cooling towers.
- Installation of a chilled water loop connecting the Engineering building and several other buildings in the vicinity.
- Installation of new steam absorption chillers, chilled water piping, pumps and controls.
- Installation of new electrical and HVAC controls.

The Engineering Building is located at the northeast corner of Red Cedar and Wilson Roads in the Central Academic District.

**Impacts**
- Pedestrian access during construction.
- Noise transmission during academic calendar.
- Crane lifts over the building for roof work during student breaks.
- Site access and construction staging areas.
Sprinkle in some trivia!

Name any three of the six buildings that will be served by the new regional chilled water loop?
Sprinkle in some trivia!

- Engineering Building
- Anthony Hall
- Food Science
- Natural Resources
- Packaging
- Communication Arts and Sciences
Why?

• In order to support the teaching, learning and research efforts of the newly created Department of Computational Mathematics, Science and Engineering as well as the College of Engineering, creation of new functional offices in the Engineering Building is needed.
Project scope:

- Renovation of suite 1515, including creation of a second floor within the space to facilitate the program
- Creation of an office suite for the department chairperson and staff, including a workroom
- Twenty-five faculty offices, three visiting scholar shared offices, ten post doc workstations, one hundred twenty graduate assistant workstations and one academic specialist office
- Shared space to include conferencing areas, collaboration enclaves and study rooms
Impacts:

• Library will be permanently closed and study space relocated to another part of the building (east wing).
• Pedestrian access to courtyard from the south will be restricted throughout construction.
• Short duration crane lift activity to bring new equipment into the mechanical penthouse.

Schedule:

• Construction start: January 2016
• Ready for occupancy: August 2016
Opening in the east side of the curtain wall
First floor
New second floor
Construction representative:
Todd Wilson
tdwilson@ipf.msu.edu
(517) 432-4355
New MSU Intercollegiate Golf Facility opens
IPF website

- Alerts feed
- Construction
  - Detours
  - CJ info
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Construction Junctions continue monthly

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

• May 7 (back to online YouTube version)
• June 7
• July 7

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

Name one of the three Construction Junction mascots.
Sprinkle in some trivia!

Captain Construction
Barry the Barrel
Coney
Thanks for coming! Check out future Construction Junctions online at: http://ipf.msu.edu/construction/construction-junction/index.html