PLEASE FILL OUT A SURVEY!
They are available on the table at the front of the room

- Please fill out your surveys and **return them to the front table** before you leave.
- We want your **thoughts and suggestions** about how you feel Construction Junction went, and what we could do to improve.
- **Thank you** in advance!
• MSU Board of Trustees updates

• 2014-15 campus snow communications

• Public Art on Campus Committee presentation

• New presentations
  o Children’s Garden – Restroom and Sewer Line
  o Duffy Daugherty Football Building – Renovate Locker Room and Training Room

• Progress updates
  o Akers Hall – Dining and Life Safety Renovation
  o Clinical Center – C-Wing HVAC Replacement
  o Clinical Center – Clinical Wing – Suite A112 Renovations
Step 1: Authorization to plan
- Hubbard Hall - Exterior Masonry Repair

Step 2: Authorization to proceed
- Engineering Building - Chiller Replacement
- New Intercollegiate Golf Facility
- Grand Rapids - Real Estate and Research Facility Development
- Cyclotron – Addition 16 - Office
Step 2: Authorization to proceed
- Children’s Garden – Restroom and Sewer Line
- Power Plant Capacity and Future Needs
- Food Processing and Innovation Center
- Parking – Lot 97 (Engineering Research) Expansion

Step 3: Bid and contract award
- Grand Rapids - Real Estate and Research Facility Development
• 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.
Campus Snow Plan

Brine versus no brine

- Brine
- No plow and just brine
- No brine
- Inch of snow
  And wind
  11/18/14
Brine versus no brine
Brine versus no brine

Had to broom 11/19/14

No brine

Brined 11/18/14
Brine versus no brine
Campus Snow Plan

Brine versus no brine

Brined 11/18/14
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.
ART INSTALLATIONS
PUBLIC ART ON CAMPUS COMMITTEE
PAOC COMMITTEE

- Established 1999 by the Board of Trustees
- Goal: To advance the presence of public art on campus.
- Responsibilities: Acquisition, Placement, and Maintenance of MSU public Art. Advisory to Provost and EVPAS.
- Requirements: 0.5% cost of new buildings and major renovations is dedicated to purchasing fine art.

Funds left after purchase and installation are used to support additional acquisitions and maintenance.
COMMITTEE ACHIEVEMENTS

- 39 Paintings, Lithographs and Photographs
- 21 Exterior Sculptures
- 14 Interior Sculptures
- 3 Tile Mosaics
- 3 Architectural Glass Installations
John Hannah
Bruce Wolfe
2004
Bronze with Granite Base
Plaza North of Administration Building
The Spartan

Leonard Jungwirth (Sculptor)

Artworks Foundry (Casting)

2005

Bronze

North End of Demonstration Field
Sculptural Improvisation II

Richard Hunt

2008

Welded Bronze

Biomedical and Physical Sciences Courtyard
Carlisle Gate and Handrails
Cary and Jessie Stefani
2008 and 2011
Steel and Bronze
W.J. Beal Botanical Garden
Solar Flare  Manhattan Attitude  Peak Season  Bate

Chakaia Booker

2009

Recycled Rubber and Wood

Surplus Store and Recycling Center
Filament
Ed Carpenter
2011
Dichroic Glass and Metal
Brody Hall Main Stairs
Cadence
Albert Paley
2012
Stainless Steel
Molecular Plant Sciences Building
Red Cedar Reflections
Anne Marie Karlsen
2012
Hard Glazed Ceramic Tile and Glass Smalti
Case Hall
Cultivation
Martin Donlin
2012
Blown Glass
Rather Hall
Leaf
Guy Kemper
2012
Blown Glass
Bailey Hall
The Butterfly Effect

Alice Aycock

2012

Fiberglass and Metal

Wells Hall
Second Floor Lounge
Life Ray

Katy Stone

2012

Aluminum and Oil Paint

Life Sciences – Nursing Building
Scrutiny of Nature
Autumnal Tangle
Legato
Verdant Ancestry
Kurt Stepnitz
2014
Digital Prints
MSU Union Lounge

Legato

Verdant Ancestry

Autumnal Tangle
Requiem
Susan Chrysler White
2014
Acrylic and Glassine on Canvas
Cook Recital Hall
Activation

Richard Parrish

2014

Kiln Glass

McDonel Hall
Engagement Center
HELL-WHISKEY-GUNS-MUD-MICHIGAN

Peter Wegner
2014

Glass and Wood Veneer over LED

Butterfield Hall
Conocimiento (Knowledge)

Yvonne Domenge

2014

Carbon Steel

Old College Field
Untitled
Walter Arnold
2014
Stone
Landon Hall
Collecting the Future

Alisa Henriquez

2014

Oil on Canvas

Union Engagement Center and Multicultural Centers
Emergence

Matthew Kolodziej

2014

Oil on Canvas

Wilson Hall – The Hive
Questions?
Children’s Garden – Restroom – Construct Original Building
Why?

• Provide accessible, family restrooms adjacent to children’s garden, replacing the portable units.

Project goals

• Increase safety for children. (The nearest restrooms are in the Plant and Soil Sciences Building and require walking through the parking lot.)
• Encourage efficiency of programs with nearby facilities.
• Accommodate ADA needs for all garden visitors and staff.
• Facility to be easily cleaned and maintained.
Scope

- Building will include two restrooms and a mechanical room; approximately 360 square feet.
- Occupancy sensors, as well as natural light, are planned.
- Building will automatically lock, accommodating seasonal hours.
- Two drinking fountains will be located on entry exterior.

Impacts

- Sanitary sewer extension will run from the Plant and Soil Sciences Building through both parking lots. This portion of construction will occur after the garden’s busy elementary school season.
- Completed project will not affect existing pedestrian circulation.
Timeline

- Construction start: May 2015
- Sanitary sewer work: Mid-June (2 week period)
- Ready for use: July 31, 2015
Existing conditions – enlarged view
The restroom building will be located just west of the Creation Station fence and just east of the Smith Schoolyard Garden.
Site plan enlargement

- Children’s Garden
- Restroom
- Construct Original Building

- (2) Drinking Fountains
- Restroom
- Restroom
- Mechanical / Storage
- Patio Expansion
- Creation Station
- Smith Schoolyard
- Railroad Fence

Michigan State University
Building elevations

North façade:
entrance with drinking fountains

South façade:
mechanical room faces railroad
East façade will become backdrop to the Creation Station, replacing the existing fence.
Design representative:
Deb Kinney
kinney@ipf.msu.edu
(517) 432-0324
Duffy Daugherty Football Building – Renovate Locker Room and Training Room

Duffy Daugherty Football Building
Why?

- Training facilities were last updated in the mid-1990s.
- Major technological changes have occurred in training therapy delivery methods since then.
- The installation of modern equipment will necessitate reconfiguration of the existing space.
- The locker rooms in the building are in need of functional, spatial and aesthetic refurbishment, as they no longer reflect Big-Ten-level facilities.
Scope

• Training room
  o Install new therapy pools, reconfigure offices area, reception/monitoring and treatment spaces.

• Locker room
  o Reconfigure locker arrangement for a more open layout and install new lockers.
  o Redistribute ventilation system.
  o Update furniture, finishes and technology.
Impacts

• Occasional road closures on Shaw Lane during portions of the project due to truck traffic.
• The building will remain open during the project, and alternate routes through the building will be provided for occupants.

Timeline

• Construction start: January 2015
• Ready for occupancy: July 2015
Duffy Daugherty Football Building – Renovate Locker Room and Training Room

Locker room
Existing locker room
Images of existing locker room
Sample images of locker rooms at competing universities
Proposed new layout
Proposed new locker room perspective
Proposed new lockers

- Return air dampers @ each locker
- Shoulder pad & helmet storage
- Clothing hooks
- Keypad access compartment
- Ventilated shoe storage
- Perforated ventilation slot
- Solid surface bench
Proposed new lockers
Proposed new locker room perspective
Training room
Existing training room layout

WORK SHOP
OFFICES
TAPING
THERAPY TABLES
HYDROTHERAPY
RECEPTION
LOCKER ROOM
Existing training room images
Sample images of training rooms at competing universities
Proposed new training room layout
Proposed new training room perspective
Proposed new training room perspective – therapy pools
Proposed new training room perspective

Duffy Daugherty Football Building – Renovate Locker Room and Training Room
Design representative:
Jeff Kasdorf
jkasdorf@ipf.msu.edu
(517) 353-5141
Akers Hall – Dining and Life Safety Renovation
January 2015

Akers Hall
Why?

• Building was constructed in 1964, and was in need of major repairs to the infrastructure for electrical, mechanical, plumbing and life safety.
• Provided a new dining facility for East Neighborhood.
• Provided new active/quiet study lounges in student towers.

Project update

• The building is ready for occupancy.
• The dining facility opens today.
Dining hall renovations – “The Edge”
“The Edge” floor plan with two interactive serving islands incorporated into seating areas.
“Sticks and Noodles” venue
“Stacks” venue
“Sprinkles” venue
“The Pit” venue
Beverage station

West entrance tray drop
Elevated seating area

Custom wall mural
Construction representative:
Tony Rhodes
arhodes@ipf.msu.edu
(517) 432-7104
Why?
• To replace existing aged HVAC systems with more energy-efficient systems.
• To provide chilled water to the facility year-round.
• To provide procedure space within the Clinical Center for researchers.

Impacts
• Area immediately behind the Clinical Center Animal Quarters Wing (C-Wing) will be fenced.
• Parking spaces adjacent to the C-Wing loading dock will be unavailable.

Timeline
• The building is ready for use.
New procedure room
Interstitial mechanical space
Construction representative:
Todd Wilson
tdwilson@ipf.msu.edu
(517) 432-4355

Clinical Center – C-Wing HVAC Replacement
January 2015

Clinical Center – C-Wing HVAC Renovation and Procedure Space Addition No. 1

Project phase: Construction

The Clinical Center C-Wing was built in 1976, and the heating, ventilation and air conditioning (HVAC) system is nearing the end of its useful life. The HVAC system also lacks redundancy for equipment failure or scheduled maintenance outages and cannot ensure optimal research results. This section of the Clinical Center has been challenged in maintaining proper temperatures and needs updated central environmental monitoring and alarming to ensure rapid response to problems.

Project details:
- Install a new HVAC system designed to control and maintain the proper temperature, differential pressure, humidity and outdoor air exchange rate at the room level.
- New procedure space for researchers by converting office space and enclosing the adjacent overhang area on the ground level.
- Various infrastructure improvements including energy-conservation measures, deferred maintenance items, life-safety and hazardous material abatement.
- Upgrades will add redundancies to ensure continuous operation during equipment failure and scheduled maintenance to ensure optimal research results. This is critical because the Clinical Center C-Wing will be the primary facility for researchers who will be located in the new Bio Engineering Facility that is under construction.
Why?

• To consolidate the College of Nursing at the Life Sciences Building.

Project scope

• Complete demolition and interior renovation of approximately 6,300 square feet for the College of Human Medicine.
Impacts

- College of Human Medicine – Academic Affairs moving from Life Sciences A-wing
- Once College of Human Medicine move is complete, planning for College of Nursing build-out of A-wing will commence.

Timeline

- Clinical build-out complete, College of Human Medicine move-in: December 2014
Space programming plan
Interior view
Interior view
Interior view
Construction representative:
Ken Dawson
kdawson@ipf.msu.edu
(517) 353-9716
IPF website

- Alerts feed
- Construction
  - Detours
  - CJ info
  - Project info
  - Contact info
- Resources
- Listservs

www.ipf.msu.edu
Stay connected via social media

• Follow IPF on Twitter: www.twitter.com/MSUfacilities
• “Like” IPF on Facebook: www.facebook.com/MSUFacilities
• Watch IPF videos on YouTube: www.youtube.com/FacilitiesMSU
Construction Junctions continue monthly

Meetings are at 8:30 a.m.
the second Thursday of the month

- Feb. 12 (College of Law, room 343)
- March 12 (College of Law, room 343)
- April 9 (College of Law, room 471)

Please sign in and take a survey before you go!