CONSTRUCTION PLANNING AND PROGRESS MEETING
BROUGHT TO YOU BY INFRASTRUCTURE PLANNING AND FACILITIES
Thursday, Sept. 11, 2014

Twitter hashtag #msuconstruction
Today’s agenda

• MSU Board of Trustees updates

• Progress updates
  o Chittenden Hall – Renovation
  o Veterinary Teaching Hospital – Nursing Care Unit Renovation
  o Facility for Rare Isotope Beams – Building Structure
  o Kresge Courtyard Renovation

• Spartan Stadium north end-zone video tour
Step 1: Authorization to Plan
• Cyclotron – Addition 16 – Office

Step 2: Authorization to Proceed
• Life Sciences – Renovations – A Wing
• Duffy Daugherty Football – Renovate Locker Room and Training Room
• Berkowitz Basketball Complex – Alterations to Basketball Offices
Step 2: Authorization to Proceed

- Cyclotron – Addition 16 – Office
- North Campus Infrastructure Improvement – West Circle Drive 2015
- Grand Rapids – Real Estate and Research Facility Development
- Engineering Building – Chiller Replacement
- MSU Community Music School – Reconstruct Parking Lot
- Facility for Rare Isotope Beams – Power Plant Connection
- T.B. Simon Power Plant – Upgrade Utility Substation
- Natural Gas Distribution – System – Upgrade Infrastructure at T.B. Simon Power Plant

Step 3: Bid and Contract Award

- Life Sciences – Renovations – A Wing
Why?

• This project involves a comprehensive renovation that respects the historical features of the exterior and interior of the building.

• Interior spaces to support the Graduate School program will drive the design and layout of these rooms.

• Renovations will include:
  o Building infrastructure
  o Addressing needs such as plumbing, heating ventilation and air conditioning, electrical, life safety and data
  o Building envelope and foundation
  o Accessibility, including addition of an elevator and restrooms
Impacts

• Lot 7 (south of Old Horticulture) is partially closed for duration of project

• Building to be partially occupied next week

Timeline

• Construction start: Nov. 19, 2013

• Substantial completion: Fall 2014
South-side plaza – work ongoing
Plaza construction
Plaza construction
Second floor – hanging light fixtures/doors
Basement – painting walls
Second floor – carpet installed, painting and trim work complete
Graduate School website features frequent Chittenden updates

Chittenden Hall – Renovation
September 2014

Throwback Thursday: Vintage Postcards

Bill Beekman, Vice President and Secretary of the Board of Trustees, has shared with us some Chittenden “finds” from his good friend, Steve Terry. Mr. Terry (‘60, Business) was...

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Construction representative:
Andy Linebaugh
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(517) 432-7103
Project goals

• Modernize Critical Care Unit via flexible floor plan
• Centralize observation for 24-hour specialized care
• Mechanical upgrades: ventilation and temperature control
• Provide natural light; install roof monitors and windows
Project scope

- This project is anticipated to include an open, flexible floor plan to allow for centralized observations and 24-hour specialized care, along with mechanical upgrades and the introduction of natural lighting.
  - Total 2,800 gross square feet

Timeline

- Start of construction: June 2014
- Substantial completion: September 2014
Veterinary Teaching Hospital – Nursing Care Unit Renovation
September 2014

Project location
Proposed floor plan
Bird’s-eye view from northwest
Veterinary Teaching Hospital – Nursing Care Unit Renovation
September 2014

Interior location
Skylight
Exterior location
Construction representative:
Ken Dawson
kdawson@ipf.msu.edu
(517) 353-9716
FRIB traffic and pedestrian routing during construction

**Present to October 2016**
- Restripe and turn over one west-bound and two east-bound lanes
  - Site fence moved south
  - Bike path open

**November 2016**
- All four lanes of Wilson Road will be re-opened
Building layout
Rendered perspective - southwest view
Rendered perspective - southeast view
Tower crane was erected and operational on Aug. 18

- Placed on west end of site
- Tower height is 171 feet
- Maximum capacity at full extension of 246 feet is 7,050 pounds
- Maximum capacity at 104 feet is 22,050 pounds
Project information

Project representative:
Brad Bull
babull@ipf.msu.edu
(517) 908-7751

Additional information:
www.frib.msu.edu
Location map
Project goal

- Provide “outfitted” permanent accessible home for Summer Circle Theatre and create engaging outdoor environment for temporary art display, classes, music performance and informal gatherings.

Stakeholders

- College of Arts and Letters (theater and art)
- College of Music, especially related to renovated Fairchild Theatre use
- Resource Center for Persons with Disabilities
- MSU Police
- Curator of Woody Plants (MSU Infrastructure Planning and Facilities)
Project scope
• Wall and pavement demolition, shrub removals, site lighting relocations
• New brick walls, walkways, stage and refreshed landscaping
• Utility work: Storm adjustments, electrical feed and lighting

Timeline
• Construction to begin: May 2014
• Substantial completion: August 15
• Dedication: September 18
Project requirements

- Sustainability:
  - Brick from north wall will be salvaged and reused to rebuild walls
  - Porous rubber pavement will utilize recycled tires
- Safety: pavement upgrades will provide a safer surface in courtyard
- Parking impacts are not anticipated, since large performance events will be scheduled in the evening

Impacts and opportunities

- Amphitheater design provides wheelchair access on two of the three levels.
Kresge entrance – looking northwest
Tiered seating showing rubber porous pavement
Fairchild entrance – looking northeast
Construction representative:
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Kresge Courtyard Renovation

Project phase: Construction

Summer Circle Theatre, which was founded in 1961, has held performances at various locations on campus – Demonstration Hall, Kresge Courtyard and currently on the banks of the Red Cedar south of the Auditorium Building. While this location has served Summer Circle for many years, it is located in a flood plain that regularly experiences conditions not conducive for an outdoor performance venue, and is not accessible. The location is also temporary in nature, each use requiring the set-up of bleachers, a stage and access to power.

Project details:
- The project will expand the teaching and learning opportunities, both technical and acting, associated with Summer Circle, broadening the student experience.
Spartan Stadium north end-zone tour
IPF website

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

www.ipf.msu.edu
New campus/detour interactive map
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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!
Construction Junctions continue monthly

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

- Oct. 9 (College of Law, room 343)
- Nov. 13 (College of Law, room 343)
- Dec. 11 (Location TBD)

Please sign in and take a survey before you go!