CONSTRUCTION PLANNING AND PROGRESS MEETING

Brought to you by the Physical Plant Division

Thursday, December 13, 2012

Twitter hash tag #msuconstruction
NEW-AND-IMPROVED SURVEYS!

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!
• Board of Trustee updates
• Special Presentation
  • Campus Snow Plan
• New presentations
  • Union Building – North Neighborhood Engagement Center and Multicultural Center
• Project updates
  • Music Building Electrical Substation
  • Auditorium – Renovations to Fairchild Theatre
  • Shaw Hall – New Dining Center
Step 1: Authorization to Plan
- Well House No. 32 – Construct Original Building
- Transportation Services – Self-Serve Fuel Station
- Hannah Administration – Renovations to Second Floor – VP for Research
- Michigan State Police Post – Buildings 110G and 110H Renovations

Step 2: Authorization to Proceed
- Union Building – North Neighborhood Engagement Center and Multicultural Center
- Landon Hall – Dining Renovation and Building Life Safety and Accessibility
- Steam Distribution and Road Reconstruction – West Circle Steam Loop 2013 (Phase 2 of 4)
- Anthony Hall – Energy Conservation Measures

Step 3: Bid and Contract Award
- Plant Biology – N Wing Lab Exhaust System
Step 1: Authorization to Plan
- Munn Ice Arena – HVAC Upgrades, Ice Making System
- Wonders Hall C Engineering and Instructional Space

Step 2: Authorization to Proceed
- Parking – Lot 67 (Jenison) – Reconstruction

Step 3: Bid and Contract Award
- Butterfield Hall – Major Renovation
- Steam and Road Reconstruction – Bogue and Shaw Intersection
• Be snow safe!
  • Drive carefully
  • Dress warmly
  • Wear sensible shoes
  • Watch where you are 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.
  • Pre-wetting the salt and using anti-icing methods reduce salt usage on campus and improve efficiencies.
Remember...

WALKWAY
ICE MELT

Please help us keep campus surfaces clear of snow and ice this winter. If you see an icy area, please sprinkle it with ice-melt compound.

The ice-melt compound is an environmentally friendly alternative to salt that is provided by your Physical Plant partners in snow removal:
- Building Services-Custodial Services
- Landscape Services

Questions or comments?
Call 517-353-1760

Thank you for your help!
• **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 between 2 a.m. and 6 a.m.
  - With 40 people plowing, 20,000 spaces must be cleared before 6 a.m.
• **Bikes**
  
  • Do not chain bikes to signs.
    
    • It is illegal on campus.
    
    • It makes removing snow around these areas very difficult.
• To request services or to report dangerous spots on campus, call **353-1760**.

• For more information on snow removal, visit [www.pp.msu.edu](http://www.pp.msu.edu) and click on “campus snow plan.”

• E-mail feedback, suggestions and comments to [snowplan@pplant.msu.edu](mailto:snowplan@pplant.msu.edu).

• To let us know how we’re doing in general, visit [www.pp.msu.edu](http://www.pp.msu.edu) and click on “Contact Us.”
Union Building
Scope of work plans
Second-level plan
Engagement center suite

OPEN COMPUTERS / ENGAGEMENT LOUNGE 01
PRIVATE OFFICE 02
MEETING ROOM 03
WORKROOM 04
ENGAGEMENT RECEPTION 05
WORKSTATIONS 06
Engagement center office concepts
Multicultural center

- ART GALLERY / LOUNGE 07
- ART / ARTIFACT DISPLAY 08
- RECEPTION DESK 09
- ASSOCIATE DIRECTOR OFFICE 10
- MEETING ROOM 11
- MULTI-PURPOSE ROOM 12
- MULTI-PURPOSE STORAGE 13
- OPEN OFFICE 14
- CONFERENCE ROOM 15

MSU Union – North Neighborhood Engagement Center and Multicultural Center
December 2012
Multicultural office concepts
Overhead view into multicultural center
Large classrooms/lounge

- 16 MSU POLICE OFFICE
- 17 IDF ROOM
- 18 WOMEN’S TOILET ROOM
- 19 CLASSROOM
- 20 COMPUTERS / LOUNGE
Engagement lounge/UAB suite/tutoring

- COMPUTERS / LOUNGE 20
- TUTORING 21
- MEETING ROOMS 22
- STUDY ROOMS 23
- GRAD. ADVISOR OFFICE 24
- UAB STAFF OFFICE 25
- UAB MANAGER OFFICE 26
- UAB CONFERENCE ROOM 27
- UAB STORAGE 28
- RESOURCE ROOM 29
- CREATIVE STUDIO 30
- STAGING SPACE 31
Meeting room concepts
Creative studio concepts
Overhead view of ground-level lounge
Third-level plan
Project Highlights:

• HVAC upgrades, Variable Air Volume (VAV) shutoff zones, reduced lighting density
• Upgrades throughout: Ceiling, lighting, flooring, finishes
• New fire alarms and suppression on ground floor and second floor

Phased construction:

• March 4 – Aug. 30, 2013, ground floor east
• May 8 – Aug. 30, 2013, ground floor west
• April 29 – Aug. 16, 2013, second floor
• June 9 – Sept. 13, 2013, third floor
MSU Union – North Neighborhood Engagement Center and Multicultural Center
December 2012

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MSU Union - North Neighborhood Engagement Center and Multicultural Center

In-Planning/Design
January 2012 - January 2013

Description: The North Campus Neighborhood Engagement Center is temporarily located on the third floor and the Multicultural Center is currently located on the ground floor of the MSU Union. It is important to create a visible and accessible Engagement Center and Multicultural Center that will speak to the goal of intercultural engagement. This Engagement Center provides services to the north campus residential neighborhood and to off campus students. The placement of the Multicultural Center in a more visible and accessible location, with expanded capacity and features, will serve as a beacon to share and celebrate the values of diversity and inclusion of the campus community and beyond.

The planning of this project is anticipated to include creation of spaces that will support the Engagement Center and the Multicultural Center programs. Space on the second floor of the MSU Union is anticipated to house the core functions of the Engagement Center and the Multicultural Center creating a vibrant space for students to gather for cultural, social, and academic activities.

The anticipated design will include office space, semi-private and private group meeting and study space; integration of art and culture into the design; and multi-purpose space for such program activities as dance practice and cultural presentations. Space on the ground floor (lower level) would be redeveloped for meeting rooms, study and programming space, in part to replace functions currently located on the second floor. The MSU Union - North Neighborhood Engagement Center and Multicultural Center project is located on the corner of Grand River Avenue and Abbott Road in the north academic district. The location of this project is consistent with the Campus Master Plan and Planning Principles.

Questions, comments, concerns?
Design representative: Jeff Kasdorf, jkasdorf@opplant.msu.edu
Project area
View of the future work area from the north
Looking north at temp bicycle parking and temp drive
View of the future work area looking west
Looking north. Shrub, rock, and tree removal has taken place by Landscape Services.
Looking west at the future contractor parking
Looking south at the temporary drive
Looking north at the temporary drive
Future site of contractor staging area
Music Building - Replace Electrical Substation

In-Planning/Design
November 2008 - January 2013

Description: The Music Building is located on West Circle Drive across from IM Sports Circle. The electrical system needs to be upgraded. The upgrade will provide a double-ended electrical service to this building. This double-ended sub-station will be fed by two circuits. If there is a circuit failure, the other circuit can provide service to the facility without a power outage.

The new vault will be placed in an underground vault adjacent to the music-music practice pedestrian tunnel within the courtyard area of the two buildings. There will be space and provisions for an emergency generator in the new vault that can be added in the future. All work will be performed underground and will take about three months to be put in place.

Timeline: The project will start over Christmas break in 2012. The sheet pile driving required to construct the new vault will take place between the Christmas and New Year’s holidays to minimize noise interruption.

Questions, comments, concerns?

Design Representative: Scott Gardner, mgardner@polant.msu.edu. 517-432-0780
Construction Representative: Andy Linebaugh, alinebau@pplant.msu.edu. 517-432-7103
Auditorium – Renovations to Fairchild Theatre
Design scope

- Acoustical improvements
- Theatrical systems and infrastructure improvements
- Mechanical system upgrade
- Accessibility improvements
- Fire alarm system replacement for entire facility
- Acoustical banners
- Orchestra pit lift
- Orchestra shell towers
- Lighting catwalks and theatrical lighting distribution
- Acoustical banners
- Accessibility – exterior entry, elevator, toilets
Rendering of the finished space
New west basement restroom framing
Saw cut for new elevator
Underside of the Fairchild Theatre scaffolding
New mechanical room beneath Fairchild Theatre – former studio theater
Auditorium – Alterations to Fairchild Theatre

In-Construction
July 2012 - August 2013

Description: The College of Music has had a longstanding need for an additional and acoustically appropriate venue to accommodate its numerous rehearsals, performances, classes and musical productions. The 560-seat Fairchild Theatre, located within the Auditorium at the intersection of Farm Lane and Auditorium Road, provides an adequately sized facility, but has limited effectiveness as a music venue due to the lack of an orchestra pit and proper acoustics. Alterations to Fairchild Theatre and related spaces will enable improved and full use of this currently underutilized facility.

This project also includes the relocation of the Department of Theatre’s scene shop, which is necessitated by the renovations to Fairchild Theatre. Programmatically, it will allow for the consolidation of the Music and Theatre scene shop needs and provide improvement of the scene shop working environment.

This project is anticipated to include:

- Installation of an orchestra pit with a lift system
- An orchestra shell with acoustical upgrades
- Relocation of the scene shop dressing room and prop storage room
- Renovation of existing, and construction of additional restrooms
- Barrier-free accessibility will expand access to the lower level of the building, Arena Theatre, upper balcony seating and second- and third-floor offices
- Installation of elevator

Questions, comments, concerns?

Construction Representative: Todd Wilson, tdwilson@pplant.msu.edu, 517-432-4355
Shaw Hall – New Dining Center
Shaw Hall – New Dining Center
December 2012

Reading of the Bread Box in the new dining center
Bread Box
Rendering of Main Street in the new dining center
Main Street dining area
Rendering of the Garden Wok in the new dining center
Garden Wok
Garden Wok dining area
Rendering of the dining room platform
Shaw Hall dining room platform
Rendering of the west lobby
West lobby
West lobby elevator
Flex dining
Flex dining
Tray-veyor
Important dates

- Substantial completion: Dec. 14
- Open for business: Jan. 7
Shaw Hall – New Dining Center
May 2012 - December 2012

Description: Shaw Hall, located on Shaw Lane, is a residence hall in the Central Academic District. Due to Shaw's central location on campus and the age of its facilities, it is a high-priority project for dining renovations. This project coordinates with the Residential and Hospitality Services Dining Master Plan, which aims to create an integrated approach to campus dining and align dining facilities with growing housing capacities.

The project will include:

- New state-of-the-art dining hall for Shaw Hall
- New elevator to connect to the terrace level
- New loading dock
- Improvements to the lobby and lounges on the first floor
- Removing the parking lot west of Shaw Lane and replacing it with grass
- Replacing the deteriorated water main piping south of the building

This project is using the Integrated Project Delivery (IPD) system which allows for more efficient collaboration between the architecture, engineering and construction teams.

Timeline: The project began construction in March 2012, and will be substantially complete in December 2012.

Impacts to building users, pedestrians, bikers, motorists: On Thursday, May 10, 2012, lane closures will begin on west bound Shaw Lane immediately south Shaw Hall, with completion on or before June 15, 2012. This is necessary to allow for the replacement of the water main that serves Shaw Hall and the Planetarium.

Questions, comments, concerns?
Design Representative: Amir Abdel-Azim, amaridelazim@mplant.msu.edu, 517-432-0323
Construction Representative: Chris Barnes, cbarnes@mplant.msu.edu, 517-355-1628
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BEFORE YOU GO, VISIT THE CONSTRUCTION ‘SITE’:

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Key features:
• Construction Projects
  – Project info
  – Contact information
• Construction Detours
• Construction Junctions
• Construction Listserv
SECOND SURVEY ALERT!

Please fill one out before you leave if you did not do so already

- We have recently revamped our surveys in an effort to better understand your experience at Construction Junction.
- 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

• January 10 (112 Brody Hall)
• February 14 (112 Brody Hall)

Please sign in and take a survey before you go!