Capital Projects Town Hall Meeting

Planning, Architectural & Engineering Services

September 15, 2014
Agenda

Project Updates

• Recently Completed and in Construction
• Projects in Design
• Projects in Planning
• Master Plan
Projects Recently Completed / in Construction

- Student Union Quad
- Gateway at Fine Arts
- North Hillside Road
- North Eagleville Area Infrastructure Repair
- Main Water Line Replacement - Phase I
- fMRI Suite – Phillips Science Building
- Basketball Champion Center
Student Union Quad

- Site Improvements: new irrigated lawn designed for heavy use, new walks, new trees, and continued renovations to Academic Way
- Project is substantially complete and open for use
- Convocation held there on August 22nd
Gateway at Fine Arts

- Project located at intersection 195/ Bolton Rd.
- Site Improvements: replacement of temporary UConn signs; replacement of sidewalks; enhances accessibility for pedestrians with wayfinding, gathering and circulation space
- Design is complementary to Storrs Center
- Project is on schedule for completion by the end of October 2014
North Hillside Road

- Contract has been awarded and signed
- Notice to proceed July 28, 2014
- Construction start first week in August 2014
- Road open to traffic November 2015
North Eagleville Area Infrastructure Repair

- Installation of 1,000 linear feet of steam line to repair broken connection to East Campus
- Route 195 crossing completed prior to student move-in
- Anticipated completion date is November 2014
Main Water Line Replacement Phase I

• Replacement of 13,300 LF of 16” Water Line
• Line has a history of failures due to corrosive environment
• Connection to Willimantic Well Field
• Schedule pending environmental permits and archeological review
• Phase II final construction drawings January 2014
• Construction begins May 2015
fMRI Suite - Phillips Science Building

- Purchase of the fMRI equipment has been finalized
- In Construction
- Estimated completion April 2015
Basketball Champion Center

- The Basketball Champion Center is 98% complete
- Temporary Certificate of Occupancy was received on July 9, 2014
- Contractor is completing punch list items
- Furniture, Fixtures, and Equipment (FF&E) ordered
Projects in Design

- Engineering & Science Building
- Innovation Partnership Building
- Monteith Renovation
- UConn Hartford
- Putnam Refectory Renovation
- STEM Residence Hall
- Honors Residence Hall
- Fine Arts Phase II
- UConn Waterbury
- Torrey Roof Replacement
- Utility Projects
Engineering & Science Building, and Warehouse Demolition

- Warehouse demolition completed in August
  Enabling project for the construction of the Engineering Science Building

- New building construction will commence in January 2015

- Occupancy scheduled for January 2017
Innovation Partnership Building

- Construction documents completed July 24, 2014
- Bidding September 15 to October 16, 2014
- Submission to Bond Commission TBD with construction to start immediately after
- Occupancy scheduled for Fall 2016 and Spring 2017
Monteith Renovation

- Schematic Design is in process for a renovation of Monteith to provide offices and classrooms
- The Math department will be relocated from Gant to Monteith
- Occupancy is scheduled for Fall 2016/ Spring 2017
UConn Hartford

- Schematic Design is in process
  - Concept Design is complete
  - Schematic Design will be complete in October
- Development Agreement is complete
- Neighborhood Campus sites: MOU’s drafted & in review
Putnam Refectory Renovation

- Schematic Design is in process to provide additional seating and servery improvements in Putnam
- Construction begins Spring 2015
- Occupancy Fall 2016 to accommodate new STEM Residence Hall
STEM Residence Hall

Project Status

• Design Build Contract Awarded
• Eight Stories above grade with 212,000 square foot total
• Approximately 20,000 square feet Learning & Innovation Center
• 725 Beds, plus Resident Hall and Assistant Hall Directors apartments
• $105 Million Project Budget

• Significant amount of site work, including drainage, stairs and large courtyard area
• Back-up power is sized for full occupancy operation during emergencies (not just life safety)
• Expedited schedule: 22 months to finish design and build project
STEM Residence Hall

View from Sherman Stadium
STEM Residence Hall

View from courtyard
Honors Residence Hall

- Concept and Site Planning services in process
- Planned for South campus area
- Envisioned program is 600-650 beds, plus a new dining facility
- Project may require other enabling work, extension and upgrading of utilities, addressing environmental conditions and potential relocation of roadways
- Construction begins Spring 2015
Fine Arts Phase II – Production Facility & Façade Repairs

- Schematic Design is in process for a production facility for the School of Fine Arts, including paint and scene shops
- Project will include some façade repairs, extent of scope is under review
- Cost estimates under review
- Construction on schedule for 2015/2016
UConn Waterbury will pay to lease classroom space on floors 2, 3 and 4 of the Rectory. The building is owned by City of Waterbury, developed by Waterbury Development Corps.

Upper Floors

- In Construction, completion anticipated June 2015
- UCONN responsible for FF&E and Technology/AV costs

Ground Floor

- Completed a due diligence study
- Negotiations continue for a coffee shop on the ground floor
Torrey Roof Replacement

- Design is completed and out to bid
- Construction completion is anticipated prior to end of Fall 2014 semester

Although the intention is to demolish Torrey in the foreseeable future, the roof is beyond repair and must be replaced.
Utility Projects

Central Utility Plant – Emergency Generator System

• Installation of 1.5 megawatt generator
• Supply emergency and stand by power
• Estimated construction completed by March 2017

WPCF Priority Repair

• Critical repair and upgrades including aerators, carousels, etc.
• Design completed September 2014
• Construction completed Summer 2015

Sewer Line Replacement @ Storrs Rd Pump Station

• Replacement of Gurleyville Rd Pump Station
• Repair of Defective Sewer Line on 195
• Construction completed by Summer 2015

Main Water Line Phase II

• Replace main water supply line from Willimantic Well Field to University distribution system
• Connect Depot Campus distribution system to main line
• Design completion anticipated December 2014
• Construction completed next year.
Projects in Planning

- Campus Master Plan
- Science Facilities Planning Study to start in Fall 2014
- Space needs assessment for STEM disciplines
- Gant and Torrey renovation/demolition planning
- Monteith renovation planning/programming/logistics
- Development of Capital Improvement Plan with Facilities Operations
- Formulation of space design guidelines & policies
- Classroom Design Guidelines
- Formulation of space allocation process for new buildings
- Update to FAMIS database for all buildings on campus
- Update to website
The Master Plan
Advancing the Path Toward Excellence outlined in the new Academic Plan

- Research and Scholarship
- Undergraduate Education
- Graduate Education
- Teaching Effectiveness
- Public Engagement
Master Planning Principles

1. Focus on Excellence... use the Master Plan as a Catalyst for Change
2. Align the Physical Campus Identity with a Vision of the Future
3. Put Vitality and Creativity on Display, Enhancing the Campus as an Intellectual Hub
4. Create Vibrant Anchors and Destinations, Integrate a Healthy Mix of Uses
5. Commit to Learning without Boundaries
6. Drive Interdisciplinary Research through Development of Collaborative Spaces
7. Utilize the Campus to Recruit and Retain Outstanding Faculty and Students
8. Support UConn as a Place that can Change the World. Global Influence and Local Impact
9. Prioritize the Campus Experience with Total Mind and Body Well-Being
10. Enhance Ecological Integrity, while Redefining the Relationship with Agricultural History
11. Create a Sustainable Foundation that Anticipates Change and Growth Beyond Capacity
12. Excellence in Research & Scholarship
13. Excellence in Undergraduate Education
14. Excellence in Graduate Education
15. Excellence in Teaching Effectiveness
16. Excellence in Public Engagement
University Growth (1989 – 2025)

- **UConn 2000 + Others**
  - Science Building 1: 200,000 GSF
  - Science Building 2: 145,000 GSF
  - Gant Renovation: 270,000 GSF
  - Honors Residence Hall: 210,000 GSF
  - STEM Residence Hall: 210,000 GSF
  - Supplemental Utility Plant: 20,000 GSF
  - Parking Garage: 2,000 spaces

- **Next Generation Connecticut**
  - Hockey Arena: 185,000 GSF
  - Student Recreation Center: 200,000 GSF
  - Student Health Services: 50,000 GSF
  - Residence Halls III & IV: 360,000 GSF

- **Other Projects**
  - 900,000 GSF: Tech Park

- **MILLION GSF**
  - 5.8 million GSF: 1906-1989
  - 4.2 million GSF: 1990-2013
  - 1.055 million GSF: 1989-2014
  - 0.795 million GSF: Priorities Projects

- **10.0 m GSF**
  - 2014

- **+1.9 m GSF**
  - Priorities Projects

*Parking not included in GSF calculations*
Campus Development Strategy

- Increase UG enrollment (by 1,000 to 5,000 new students)
- Locate growth in science and future research
  - New research building on X lot
  - Reinvestment in existing sciences core
  - Begin second core of research on South Campus
- Strengthen student residential areas within the campus
  - New Honors Residence Hall + New STEM Residence Hall
  - Expand and enhance existing student housing
- Continue to explore strategic opportunities with partners
  - Hockey and other programs
  - Access and transportation
- Explore innovative strategies for parking and transportation
- Strategically expand student services / student recreation
- Align campus open space with future building projects
SEPTEMBER
11th: Executive Committee Review
12th: Master Plan Advisory Committee Review
15th: Capital Projects Town Hall
16th: Student Affairs Leadership Presentation
Deans Council
Administrative Staff/Council update
Focus Group meetings
Individual consultations
Community Outreach
Honors Residence Hall EIE initiated

OCTOBER
Draft Master Plan Issued
Master Plan Showcase in the Library launched
Master Plan Advisory Committee Meeting
14th: Environmental Policy Advisory Committee

OCTOBER, cont’d
16th: State of the University Speech
26th: Campus Sustainability Day
Focus Group Meetings
Individual Consultations
Community Outreach

NOVEMBER
Executive Committee
Master Plan Advisory Committee
Master Plan Showcase continues
Focus Group Meetings
Individual Consultations
Town Hall
Community Outreach

DECEMBER
Master Plan Showcase continues
BGE Committee Presentation
10th: Board of Trustees Presentation
Science Planning Update

Goals

• To plan comprehensively for STEM programs and facilities in accordance with the Academic Plan and the Master Plan
• To move faculty and staff from Gant and Torrey into dramatically improved research space as soon as possible
• To minimize the number of moves for people and avoid disrupting research
• To support early implementation of the Academic Plan

Qualifications

• Gant may be renovated to provide excellent research space for non-fume hood intensive programs; as well as teaching labs, classrooms and offices
• Torrey’s exterior envelope and interior can not be renovated to provide excellent space; Torrey will be demolished
• Gant and Torrey faculty and staff may be relocated in renovated Gant, new Science 1 or other existing space (e.g. Monteith)
Science Planning Update

Program Decisions

• Math will move permanently from Gant to Monteith (late Fall/early Spring 2017), joined by Statistics after Gant classrooms are back on-line
• Institute for Systems Genomics will move to Engineering and Science Building (Spring 2017)
• Institute of Materials Science will move portions of program to Innovation Partnership Building (Spring 2017)
• Science 1 will house collaborative research programs, not departments

Ideas (for discussion/evaluation during Science Facilities Planning Study)

• Physics move to renovated Gant Math wing?
• EEB move from Torrey and Pharm Bio to consolidate in renovated Gant?
• Greenhouse to be relocated temporarily/permanently where?
• Potential locations for MCB and PNB labs currently in Torrey?
• Program for Science 1?
• IMS move to Science 1?
Conceptual Timeline

### Science Facilities: PRELIMINARY Conceptual Timeline

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NOTE: this is a preliminary timeline and the list of facilities will be confirmed and added to during the Science Facilities Planning Study.
Science Facilities Planning Scope of Work

- **Phase 1:** Data Collection/Existing Conditions *(late Fall 2014, Winter)*
- **Phase 2:** Analysis and Assessments *(Spring 2015)*
  - Consulting Teams Conduct Interviews with stakeholders
  - Departmental and Group Meetings
  - Faculty Interactions
  - Technical Evaluations
- **Phase 3:** Approach and Strategies *(Spring, Summer 2015)*
  - Programming for Renovations of Existing Buildings
  - Space Programs for New Construction
- **Phase 4:** Findings and Recommendations *(Fall 2015)*
  - Implementation Strategies
  - Capital Improvement Plan
Gant Renovations Scope of Work

- **Existing Conditions Analysis** *(late Spring, Summer 2015)*
- **Building Envelope and Infrastructure Design** *(Fall 2015)*
- **Program Confirmation** *(Fall 2015)*
- **Design**
  - Math Wing *(late Fall 2015 through Spring 2017)*
  - Physics Wing *(late Fall 2015 through Fall 2017)*
  - IMS Wing *(Spring 2016 through Fall 2017)*

- **Construction** *(includes Permitting/Bidding)*
  - Math Wing *(Summer 2017 through Fall 2018)*
  - Physics Wing *(Summer 2019 through Fall 2020)*
  - IMS Wing *(Summer 2021 through Fall 2022)*

Science Planning Update
Science Planning Update

Science Facilities Planning Consultants

• RFQ released - September 3, 2014
• RFQ responses due - September 23
• Review RFQs - late September
• Short list firms - early October
• Interviews/Proposal - mid October
• Select firm - early November
• Assemble Study Working Group
• Kick-off – late November, early December 2014

Gant Renovations Arch/Eng Consultants

• RFQ release – February 1, 2015
• RFQ responses due – TBD
• Review RFQs - TBD
• Short list firms – TBD
• Interviews/Proposal – TBD
• Select firm – TBD
• Assemble Building Committee
• Kick-off – June 2015
Science Planning Update

Preparations *(in process)*

- Collect prior studies of Gant, Torrey and other science facilities
- Identify all departments and facilities to be included in the study
- Review plans and identify data gaps
- Review space inventory and identify data gaps
- Prepare materials for Kick-Off Meeting to expedite project start
- Identify selection committee
- Identify the working group for the study