University of Massachusetts
Building Authority

Building Engineering Committee (BEC)
for the
American Council of Engineering Companies

December 4, 2015
Today’s UMass Building Authority

- New Leadership
  - UMBA Executive Director Patricia Filippone joined UMBA in 2012 as its CFO, and became its 4th Executive Director in 2014

- Navigating the University’s most transformative period of growth

- Overseeing and managing a $3.8 billion capital plan to modernize the five campuses with new construction and renovation

- A critical partner in economic development for the UMass system and the Commonwealth

- Evolving to meet the multitude of construction needs of each campus with on-time, cost-effective, highest-quality construction of world-class facilities
Today’s UMass Building Authority

- Pursuit of strategic real estate acquisitions to support growing demand
- Expand the umbrella of firms working with the Building Authority
  ✓ Project Managers, Designers, Construction Managers, Commissioning Agents, Financial Advisors, Bankers, Real Estate Advisors, and Legal Services
- Expand UMBAs project management capacity to lower capital and life-cycle costs and provide more support to campuses
- Ensure best practices are being implemented
  ✓ Financing approaches, Internal Controls, Project Implementation
- Collaborate with the campuses on master planning and strategic development
- Explore alternate delivery and finance models such as public-private partnerships
Working with the Building Authority

- Focus on upfront planning and programming
  - RFPs and goals will be more clearly defined
  - Partnering with DCAM on Campus Master Planning
  - Contracts reworked to provide flexibility

- Strategic Procurement: Having all project team members hired early on in the design process enables high-quality projects to be completed in an expeditious manner

- Real Estate: Prequalification for appraisal services, surveying, environmental, land use, relocation and other real estate services which will streamline much of the real estate development and purchase timelines

- Design/Construction Services: The procurement of all design and construction services now being managed centrally and internally
Working with the Building Authority

- MBE / WBE Compliance: Enforcing compliance goals on all UMBA projects
- Expedited Contract negotiations and execution
- Deferred Maintenance - University priority
- Efficiency & Effectiveness
University of Massachusetts Building Authority
47 Active Capital Projects - $1.738 Billion

Amherst
*Commonwealth Honors College
*New Training Facility - McGuirk Stadium Improvements
Champions Center
Furcolo Hall Renovations
Design Building
South College Academic Facility Renovation / Addition
MLSC Life Sciences Buildout
Tillson Electrical Substation & Electrical Upgrades
Chapel Renovations
Campus Data Center
Polymer & ISB Chiller Plant Upgrades
Whitmore Deferred Maintenance
Isenberg School of Management Addition & Renovation
Student Center Study (Student Experience Master Plan)
Residential Facilities Assessment Study
Laboratory Renovations

Dartmouth
*Tripp Fitness Center Expansion
SMAST Facility
Classroom, Lab & Learning Space Improvements
Charlton College of Business Expansion

Boston
Healey Library Roof & Parapet Repairs
Utility Corridor and Roadway Relocation
University Hall (General Academic Building No. 1)
Harborwalk and Shoreline Stabilization
Bayside Utilities, Demolition & Parking Development
Nantucket Field Station Laboratory Renovations
Energy Producing Facility (Tri-Generation)
Renovation of Existing Academic Buildings
Residence Hall / Dining Commons
Fox Point Dock Repair
Clark Envelope Replacement
Elevator Upgrades
Parking Garage / Public Safety
Data Center Relocation (Service & Supply Building)
Operations Center Renovations (Service & Supply Bldg)

Lowell
*Emerging Technology and Innovation Center (ETIC)
*University Suites
*South Campus Garage
*University Crossing
*Renovation of Leitch and Bourgeois Halls
*SAAB Pharmaceutical and Research Labs
McGauvran Dining Renovations
North Quad Infrastructure Renewal – Phase 1
Residence Comprehensive Renewal – Fox Hall Elevators
Tsongas Center Expansion

* Projects are Phase 9A Construction Completed
Major Projects Recently Completed

- Champions Center (Amherst) $29.9M
- Harbor Walk and Shoreline Stabilization (Boston) $3.8M
- University Crossing (Lowell) $97.2M
- Leitch & Bourgeois Residence Halls (Lowell) $37 M
- SAAB Center Research Labs (Lowell) $8 M
UMass Capital Plan Implementation

- Five-year, $3.8 billion of cash flow
- Minimum of $1.8 billion to be financed and managed by the UMass Building Authority
- Pipeline fully programmed
UMBA Projects in Construction Phases

Phase 6: Final Design / Early Construction
- Bayside Utilities, Demolition and Parking (B)
- Classroom, Lab & Space Improvements (D)

Phase 7: Construction
- Furcolo Hall Renovations (A)
- MLSC Life Sciences Build-out (A)
- Tillson Electrical Substation & Electrical Upgrades (A)
- South College Academic Fac. (A)
- Design Building (A)
- Campus Data Center (A)
- Chapel Renovations (A)
- Nantucket Field Station Lab Renovation (B)
- University Hall (General Academic Building No. 1) (B)
- Utility Corridor and Roadway Relocation (B)
- Healey Library Roof & Parapet Repairs (B)
- Charlton College of Business Expansion (D)
- North Quad Renewal (L)
- McGauvran Dining Reno. (L)

Phase 8: Substantial Completion
- Champions Center (A)
- Harborwalk & Shoreline Stabilization (B)
- *Football Training Facility & McGuirk Stadium (A)
- *Commonwealth Honors College (A)
- *Tripp Fitness Center Expansion (D)
- *University Crossing (L)
- *Renovation of Leitch & Bourgeois Halls (L)
- *Emerging Technology and Innovation Center (L)
- *University Suites (L)
- *South Campus Garage (L)
- *SAAB Pharmaceutical and Research Labs (L)

Phase 9A: Construction Completed
- *Construction Completed
Sampling of Projects in Construction
Amherst

Furcolo Hall / Marks Meadow Renovations

- Consolidation of the School of Education into one location, through the renovation of Furcolo Hall
- Total Project Cost: $22.5m
  - Spent to date: $17.9m
- Schedule
  - Substantial Completion: Nov 2015
  - Project Completion: Mar 2016

Project Phase:
- Construction
  - STV | DPM
  - Perkins + Will
  - Consigli

- Phase 1 complete; Phase 2 complete; Phase 3 near completed

Current Status:
- Phase 1 complete; Phase 2 complete; Phase 3 near completed

Next Steps:
- Final Commissioning; Closeout; Punch list; Training

Total Project Cost: $22.5m
- Spent to date: $17.9m

Schedule
- Substantial Completion: Nov 2015
- Project Completion: Mar 2016
Amherst

Design Building

- To house the Landscape Architecture & Regional Planning (LARP), Architecture + Design (A+D) and Building Construction Technology (BCT) programs in a single 89,500sf integrated facility.
- Total Project Cost: $52.0m
  - Spent to date: $6.3m

Schedule
- Substantial Completion: Nov ‘16
- Project Completion: Mar 2017

Project Phase: Construction

OPM Firm: Hill International
Design Firm: Leers Weinzapfel Associates
CM (ch.149A): Suffolk Construction
Current Status: GMP, foundations and site utilities in progress;
Next Steps: Wood Timber Structure
Amherst
South College
Academic Facility
Renovation / Addition

- Renovation and addition to accommodate classrooms and various departments needing to relocate due to closing of Bartlett Hall.
- Total Project Cost: $65.0m
  - Spent to date: $15.9m
- Schedule
  - Substantial Completion: Nov ‘16
  - Project Completion: Mar 2017

Project Phase:
OPM Firm:
Design Firm:
CM (ch.149A):
Current Status:

Next Steps:
- Execute GMP; Slabs; Rough MEP/FP

Construction
Hill International
DiMella Shafer / Klimant Halsband
Daniel O'Connell & Sons

Final GMP being reviewed; steel erection; rough carpentry & steel in the existing building continues
Amherst
MLSC Life Sciences Buildout

- Build out for the Life Sciences Laboratories 2 shell space and installation of research equipment to enhance collaborative research with private businesses.
- Specialized laboratory equipment procured by UMA separately but coordinated with construction build-out project.
- Total Project Costs:
  - Total Project: $95m
  - Spent to date: $48.2m
  - TPC Construction Project only: $32.2m
  - Spent to date: $16.1m
- Schedule
  - Substantial Completion: Dec 2015
  - Project Completion: Apr 2016

**Project Phase:**
OPM Firm:
Design Firm: Architectural Resources Cambridge
CM (ch.149A):
Current Status: Finishes, ceilings, casework, equipment continues

**Next Steps:**
Substantial Completion 12/2015

Construction
PMA
Consigli

Build out for the Life Sciences Laboratories 2 shell space and installation of research equipment to enhance collaborative research with private businesses.

Specialized laboratory equipment procured by UMA separately but coordinated with construction build-out project.

Total Project Costs:
- Total Project: $95m
- Spent to date: $48.2m
- TPC Construction Project only: $32.2m
- Spent to date: $16.1m

Schedule
- Substantial Completion: Dec 2015
- Project Completion: Apr 2016

Total Project: $95m
Spent to date: $48.2m
TPC Construction Project only: $32.2m
Spent to date: $16.1m

Substantial Completion 12/2015
Amherst
Tillson Electrical Substation & Electrical Upgrades

- Due to growth of the campus, construction of a new 50 MV substation and electrical ductbanks, wiring and infrastructure to serve as the primary electrical service to the campus and provide more reliable power and increased capacity to meet the needs of the campus into the foreseeable future.

- Total Budget (includes Western Mass Electric Company backcharges): $40m

- Total Project Cost: $29.0m
  - Spent to date: $15.6m

- Schedule
  - Substantial Completion: Dec 2015
  - Project Completion: Feb 2016

Project Phase:
OPM: UMass Amherst
Design Firm: CHA
GC (ch.30):

Phase 1 Ductbank - MASS WEST Construction Co.;
Phase 2 Substation – Dagle Electric

Current Status:
Phase 1 Ductbank – Complete;
Phase 2 Substation – Equipment installation

Next Steps:
Testing; Commissioning; Substantial Completion 12/2015
Amherst

Chapel Renovations

- Renovate, revitalize and reoccupy the most recognizable iconic historic landmark on campus for multi-purpose space including meetings, exhibitions, lectures, musical performances and banquet events.
- Total Project Cost: $21.0m
  - Spent to date: $2.9m
- Schedule
  - Substantial Completion: Sep 2016
  - Project Completion: Dec 2016

**Project Phase:**

- OPM Firm: STV | DPM
- CM (ch.149A): Barr & Barr

**Current Status:**

- Draft GMP being reviewed; Site utilities, foundations, slab work continues

**Next Steps:**

- Execute GMP; Commence rough carpentry, roof, MEP

**Construction**

- Renovate, revitalize and reoccupy the most recognizable iconic historic landmark on campus for multi-purpose space including meetings, exhibitions, lectures, musical performances and banquet events.

- Total Project Cost: $21.0m
  - Spent to date: $2.9m

- Schedule
  - Substantial Completion: Sep 2016
  - Project Completion: Dec 2016

- Execute GMP; Commence rough carpentry, roof, MEP
The new campus Data Center will be comprised of approximately 6,500 square feet of raised floor area located on the second floor of LSL2 and will provide the expected levels of redundancy and operational requirements to serve the Day-One needs and designed for ease of future expansion and modification.

- Total Project Cost: $10.1m
  - Spent to date: $705K
- Schedule
  - Substantial Completion: Dec 2015
  - Project Completion: Mar 2016

Project Phase:
- OPM Firm: UMass Amherst
- Design Firm: EYP Architect & Engineers
- GC (ch.149): PDS Engineering

Current Status:
- Drywall complete; MEP/FP continues; finishes commenced

Next Steps:
- Equipment installation; Substantial Completion 12/2015

Construction
Project Phase:

OPM Firm:

Design Firm:

GC (ch.149):

Current Status:

Next Steps:

Phase 1 – Construction Completed
Phase 2 – Construction
Joslin Lesser Associates
Simpson Gumpertz & Heger
Ph. 2 – Silktown Roofing
Phase 2 – Selected demo; Repairs to masonry backup & veneer continues; misc. metal & storefront work to commence

Phase 2 – Substantial Completion 11/2015

Phase 1: Demolition and replacement of 19,500 sf roof and Penthouse work – Completed May 2014.

Phase 2: Parapet Repairs and roofing at roof terraces.

Total Project Cost: $8.2m
- Spent to date: $4.7m

Schedule (Phase 2)
- Substantial Completion: Nov 2015
- Project Completion: Feb 2016
Boston

Utility Corridor and Roadway Relocation

- Campus-wide utility distribution and roadway infrastructure to support build-out of the campus master plan
- Total Project Cost: $184.5m
  - Spent to date: $76.8m
- Schedule
  - Substantial Completion: July 2017
  - Project Completion: Oct 2017

Project Phase:
- OPM Firm: Joslin Lesser Associates
- Design Firm: BVH Integrated Design
- CM (ch.149A): Bond Brothers
- Current Status:
  - Package 4 – Construction continues; Package 5 Landscape - Awarded
  - Utilities to GAB1 Oct 2015; U-Drive South opens to one-way traffic Jan 2016

Next Steps:

Construction

- Substantial Completion: July 2017
- Project Completion: Oct 2017
Boston

University Hall - General Academic Building No. 1

- New 194,355 GSF academic building with general and specialized classrooms, seminar rooms, student lounges, food service, auditorium, faculty and administrative offices
- Total Project Cost: $133.5m
  - Spent to date: $98.4m
- Schedule
  - Substantial Completion: Jan 2016
  - Project Completion: Apr 2016

Project Phase:

- OPM Firm: Joslin Lesser Associates
- Design Firm: Wilson Associates
- CM (ch.149A): Gilbane

Current Status:

- MEP, finishes, casework, site continues; Exterior envelope near complete

Next Steps:

- Final Utility Connections w/UCRR; Commissioning; Substantial Completion

Construction

- MEP, finishes, casework, site continues; Exterior envelope near complete
- Final Utility Connections w/UCRR; Commissioning; Substantial Completion
Project Phase:
OPM Firm:
Design Firm:
CM (ch.149A):
Current Status:
Next Steps:

Construction
Compass Project Management
Brunner / Cott
Agostini Construction
Utilities; Foundations; Steel erection to commence
Slabs; Rough MEP’s

- New state-of-the-art 21,000 square foot expansion of the existing facility to offer the best teaching and learning resources available that will contain critically needed space including classrooms, meeting spaces, an auditorium, and technology enhanced areas
- Total Project Cost: $15m
  - Spent to date: $2.3m
- Schedule
  - Substantial Completion: Aug ‘16
  - Project Completion: Oct 2016

Total Project Cost: $15m
Spent to date: $2.3m
Schedule
Substantial Completion: Aug ‘16
Project Completion: Oct 2016
Lowell

McGauvran Hall Dining Renovations

- Repurposing of existing building to the main South Campus Dining Facility and demolition of the existing South Dining
- Total Project Cost: $34m
  - Spent to date: $26.1m
- Schedule
  - Substantial Completion: Apr 2016
  - Project Completion: Jul 2016

Project Phase:

- OPM Firm: Leftfield
- Design Firm: Bergmeyer Associates
- CM (ch.149A): Shawmut Construction
- Current Status: Finishes, Kitchen Equipment, Landscape

Next Steps:

- Commissioning;
- Substantial Completion;
- Demo existing structure

Construction

- Total Project Cost: $34m
- Spent to date: $26.1m
- Schedule
  - Substantial Completion: Apr 2016
  - Project Completion: Jul 2016

Repurposing of existing building to the main South Campus Dining Facility and demolition of the existing South Dining
Lowell North Quad Infrastructure Renewal – Phase 1

- First phase of work to provide code required upgrades to existing North Quad structures including, toilets, stair towers, elevator and utilities
- Total Project Cost: $18.2m
  - Spent to date: $3.0m
- Schedule
  - Substantial Completion: Sept ‘16
  - Project Completion: Dec 2016

Project Phase:
- OPM Firm: Hill International
- Design Firm: ICON Architecture
- CM (ch.149A): Bond Brothers

Current Status:
- GMP in progress; Utilities; Foundations near complete

Next Steps:
- Execute GMP; Steel erection; Slabs

Total Project Cost: $18.2m
- Spent to date: $3.0m

Schedule
- Substantial Completion: Sept ‘16
- Project Completion: Dec 2016
UMBA Projects in Conceptual thru Design Phases

Phase 1: Conceptual
Phase 2: *Feasibility

- Data Center (B)
- Operations Center Renovation (B)
- Tsongas Center Expansion (L)

- *Residence Hall / Dining Commons (B)

Phase 3: OPM / Designer Procurement

- Laboratory Renovations (A)
- ISOM Addition & Renovation (A)
- Whitmore Deferred Maintenance (A)
- Parking Garage / Public Safety (B)
- Gym Roof & Envelope Repairs (B)
- Elevator Replacement (B)
- Residence Hall Comprehensive Renewal – Fox Hall Elevators (L)

Phase 4: Study / Schematic Design
Phase 5: *Design

- Student Center Study (A)
- Residential Facilities Assessment Study (A)
- Renovation of Existing Academic Buildings (B)
- Energy Producing Facility (Tri-gen) (B)

- *Polymer & ISB Chiller Plant Upgrades (A)
- *Fox Point Dock (B)
- *SMAST Facility (D)
Sampling of Projects in Design
Amherst

Chiller Facility Upgrades

- Expansion of two regional chilled water facilities (Polymer and Integrated Science Building Chilled Water Plants) that serves multiple buildings on campus. Project will provide plant expansion, upgrades, new equipment, CHW piping and connect six additional buildings to the system.
- Total Project Cost: $33.0m
  - Spent to date: $525K
- Schedule
  - Substantial Completion: Aug 2017
  - Project Completion: Dec 2017

Project Phase:
- Design

OPM Firm:
- UMass Amherst

Design Firm:
- RMF Engineering

GC (ch.149):
- TBD

Current Status:
- Design Development

Next Steps:
- Construction Documents;
- Bid Documents
Amherst
Whitmore Deferred Maintenance

- Building code review and systems assessment resulting in improvements or replacement of certain MEP/FP, interior and exterior architectural elements and life safety systems for the 1967, three-story concrete building.

- Total Project Cost: $14m
  - Spent to date: $0

- Schedule
  - Substantial Completion: TBD
  - Project Completion: TBD

Project Phase: Project put on Hold - OPM / Designer Procurement

OPM Firm: UMass Amherst
Design Firm: TBD
GC or CM: TBD – ch.149 or ch.149A Procurement

Current Status: Project on Hold
Next Steps: Campus is reviewing capital project priorities and may reduce the scope and budget

Total Project Cost: $14m
Spent to date: $0
Schedule
Substantial Completion: TBD
Project Completion: TBD

Campus is reviewing capital project priorities and may reduce the scope and budget

Building code review and systems assessment resulting in improvements or replacement of certain MEP/FP, interior and exterior architectural elements and life safety systems for the 1967, three-story concrete building.
Amherst
Isenberg School of
Management Addition
& Renovation

- Expansion of existing facility to include space for faculty and staff, innovation center, atrium with learning commons and colloquium space, a simulated trading floor and limited renovation of existing spaces.
- Total Project Cost: $62m
  - Spent to date: $74k
- Schedule
  - Substantial Completion: Jun 2018
  - Project Completion: Sept 2018

Project Phase:
OPM Firm: Leftfield
Design Firm: Goody & Clancy w/ BIG
GC or CM: TBD – ch.149 or ch.149A

Current Status:
Study validation & programming to commence

Next Steps:
Schematic Design

Total Project Cost: $62m
- Spent to date: $74k

Schedule
- Substantial Completion: Jun 2018
- Project Completion: Sept 2018

Next Steps:
Schematic Design
Boston

Energy Producing Facility (Tri-Generation)

- Due to growth of the campus, construction of a new Tri-Generation Power Facility that will provide the campus with more reliable power and increased capacity to meet the needs of the campus into the foreseeable future.

- Total Project Cost: $32.2m
  - Spent to date: $588k

- Schedule
  - Substantial Completion: July 2017
  - Project Completion: Oct 2017

Project Phase:

- Study / Schematic Design

OPM Firm:
- Jacobs Project Management

Design Firm:
- Cambridge Seven Associates

CM (ch.149A):
- Gilbane

Current Status:

Next Steps:

- Schematic Design
- Design Development; Commissioning Agent procurement

Total Project Cost: $32.2m
- Spent to date: $588k

Schedule
- Substantial Completion: July 2017
- Project Completion: Oct 2017
Boston

Renovations to Existing Academic Buildings

- Renovation of academic spaces and offices vacated with the completion of the Integrated Science Building and General Academic Building No. 1
- Total Project Cost: $76.4m
  - Spent to date: $975k
- Schedule
  - Substantial Completion: Nov 2017
  - Project Completion: Jan 2018

Project Phase:

- Study / Schematic Design

OMM Firm:

- Hill International

Design Firm:

- Cannon Boston Inc.

CM (ch.149A):

- TBD

Current Status:

- Study completion Oct 2015

Next Steps:

- Schematic Design

Test Fit – Wheatley Hall

- UNIVERSITY OF MASSACHUSETTS BOSTON
- Renovations To Existing Academic Buildings
Boston

Fox Point Dock Replacement

- Replacement of the deteriorated existing dock for Marine Operations
- Total Project Cost: $1.5m
  - Spent to date: $74k
- Schedule
  - Substantial Completion: May ‘16
  - Project Completion: June 2016

Project Phase: Design

OPM Firm: UMass Boston
Design Firm: CLE Engineering
GC: TBD – ch.149 or ch.30

Current Status:
Next Steps:

- Bid 12/2015 & Construction 2/2016
- Total Project Cost: $1.5m
- Spent to date: $74k
- Schedule
  - Substantial Completion: May ‘16
  - Project Completion: June 2016
- Procurement

Design
Boston

Clark Athletics Center
Envelope Replacement

- Replace portions of the roof, curtain wall systems and masonry veneer that is in distress and in need of significant repairs
- Total Project Cost: $5.25m
  - Spent to date: $0k
- Schedule
  - Substantial Completion: Dec 2016
  - Project Completion: Feb 2017

Project Phase:

OPM / Designer Procurement

OPM Firm: Pinck & Co.
Design Firm: In Progress
GC (ch.149): TBD

Current Status:
Designer Proposals received 9/23/2015; shortlist & Interviews

Next Steps:
Designer Award / Contract; Commence Schematic Design

Total Project Cost: $5.25m
Spent to date: $0k
Schedule
Substantial Completion: Dec 2016
Project Completion: Feb 2017
Boston Elevator Upgrades

- Replacement of 14 elevators, various locations, all original to the campus construction. Existing elevators are increasingly difficult to maintain, parts difficult to acquire and will be replaced to improve reliability, accessibility and meet current codes.

- Total Project Cost: $3.3m
  - Spent to date: $104k

- Schedule
  - Substantial Completion: Dec 2016
  - Project Completion: Feb 2017

Project Phase:

- OPM / Designer Procurement

- OPM Firm: Pinck & Co.
  - Design Firm: In Progress
  - GC (ch.149): TBD

Current Status:

- Designer Proposals received 9/23/2015; shortlist & Interviews

Next Steps:

- Designer Award / Contract;
  - Commence Schematic Design

Total Project Cost: $3.3m

Spent to date: $104k

Schedule

Substantial Completion: Dec 2016
Project Completion: Feb 2017
Boston

New Parking Garage / Public Safety Unit

- The project includes 1,400 space Parking Facility on campus and a new location for the university’s Department of Public Safety (DPS)

- Total Project Cost: $45 m
  - Spent to date: $0k

- Schedule
  - Substantial Completion: Aug 2017
  - Project Completion: Oct 2017

The project includes 1,400 space Parking Facility on campus and a new location for the university’s Department of Public Safety (DPS)

Total Project Cost: $45 m
  - Spent to date: $0k

Schedule
  - Substantial Completion: Aug 2017
  - Project Completion: Oct 2017

Next Steps:
Designer Award / Contract; Commence Design
Dartmouth

SMAST Facility – Marine Sciences

- State of the art marine research facility to relieve overcrowding of current facility; includes space for Division of Marine Fisheries
- Total Project Cost: $55m
  - Spent to date: $2.4m
- Schedule
  - Substantial Completion: Jun 2017
  - Project Completion: Aug 2017
Lowell Residential Comprehensive Renewal (Fox Hall Elevators)

- The two primary Fox Hall elevators are original to the building and were designed to support half of the current residents. The scope is to construct two new passenger elevators on the exterior of the existing high rise residence hall and upgrade the two existing passenger elevators.

- Total Project Cost: $15m
  - Spent to date: $0

- Schedule
  - Substantial Completion: Jun‘18
  - Project Completion: Aug 2018

- Next Steps:
  - Designer Award/ Contract; Commence Study / Design

- Project Phase:
  - OPM / Designer Procurement

- OPM Firm:
  - Leftfield

- Design Firm:
  - TBD

- GC or CM:
  - TBD – ch.149 or ch.149A Procurement

- Current Status:
  - Designer Proposals due 11/18/2015; shortlist & Interviews
Sampling of Projects in Study Phase
Amherst

Student Center Study / Student Experience MP

- A Study to develop a comprehensive student life facilities plan, currently at 22 locations across campus, that may include a combination of existing building renovations / additions and new facility construction.

- Total Project Cost: $1.7m
  - Spent to date: $656k

- Schedule
  - Study Completion: Dec 2015

- Project Phase:
  - OPM Firm: UMass Amherst
  - Design Firm: Cannon Design

- GC or CM: NA

- Current Status: Reviewing Final Draft of Study

- Next Steps:
  - Study completion 12/2015
Amherst

Residential Facilities Assessment Study

- A study that will perform facilities assessments, review deferred maintenance and conduct a programmatic review of the housing typology. Study will help define Residential Life’s capital plan goals and visions for future housing reinvestment.
- Total Project Cost: $2m
  - Spent to date: $431k
- Schedule
  - Project Completion: Dec 2015

Project Phase:

- OPM Firm: UMass Amherst
- Design Firm: Brailsford & Dunlavey
- GC or CM: NA
- Current Status: Reviewing Final Draft of Study
- Next Steps: Study completion 12/2015
Sampling of Pipeline Projects
Amherst Campus

Tobin Building Renovations
- Total Project Cost: TBD
- Target Completion – TBD

Worcester Dining Commons Study
- Total Project Cost: TBD
- Target Completion – TBD
Residence Hall / Dining (P3)
- Concept: 1,000 beds & Dining Facility

Healey Library Fire Protection
- $8.0m Total Project Cost

Data Center Relocation (Service and Supply Bldg.)
- $1.3m Total Project Cost

New Operations Center Renovation (Service and Supply Building)
- $2.2m Total Project Cost
Renovations to Residence Halls

- Concept: Renovation to four oldest residence halls
- Deferred Maintenance
- $75m Total Project Cost
Lowell Campus

Tsongas Center Expansion

- Total Project Cost: $35m
- UML Feasibility Study completed