



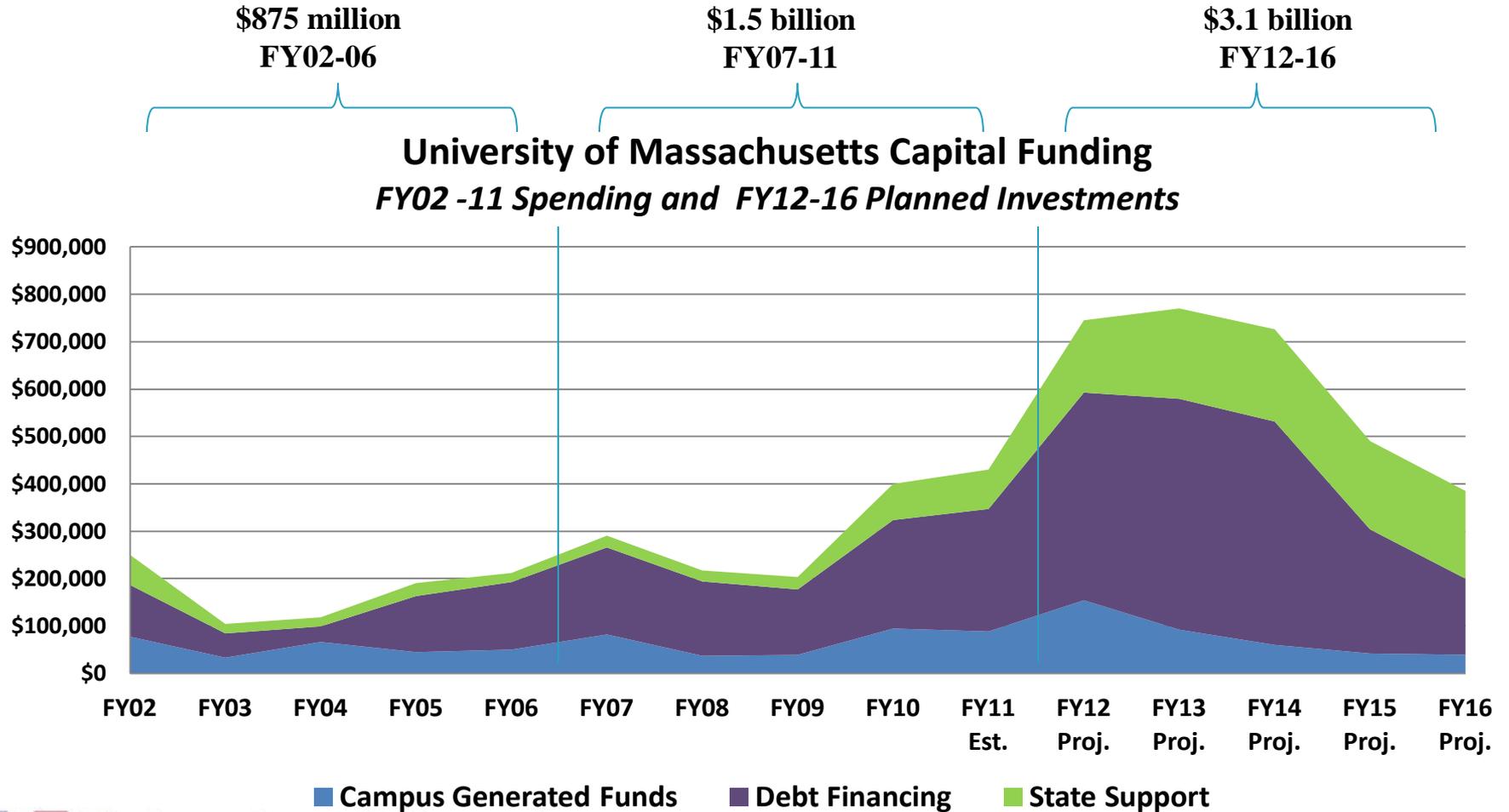
FY2012-2016 Capital Plan Update

Brian Douglas
Associate Vice President
September 19, 2011

FY02-11: Period of Increasing Capital Investment

FY12-16: Intense Period of Construction Activity Programmed

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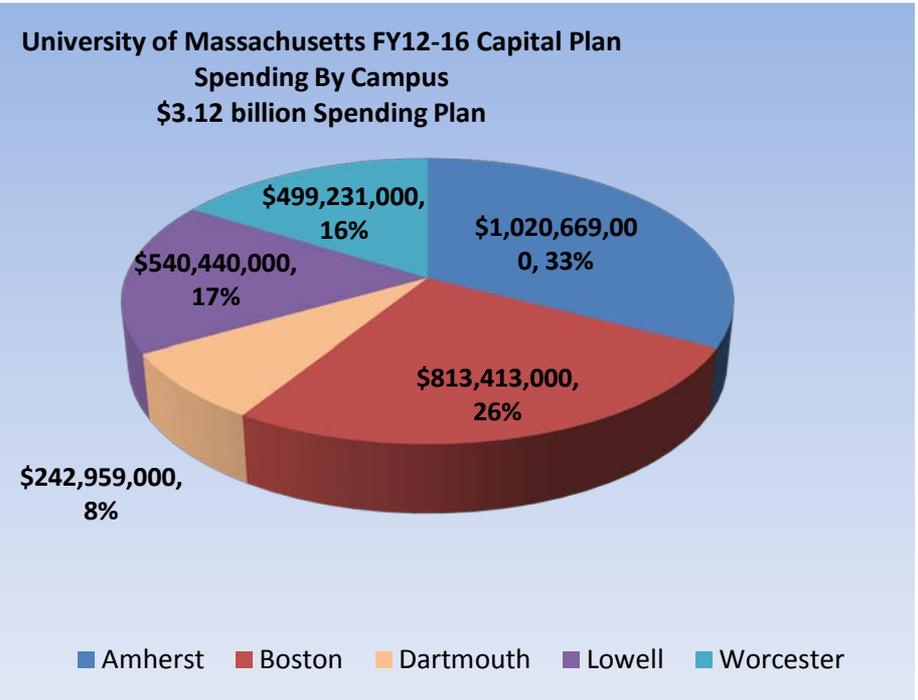
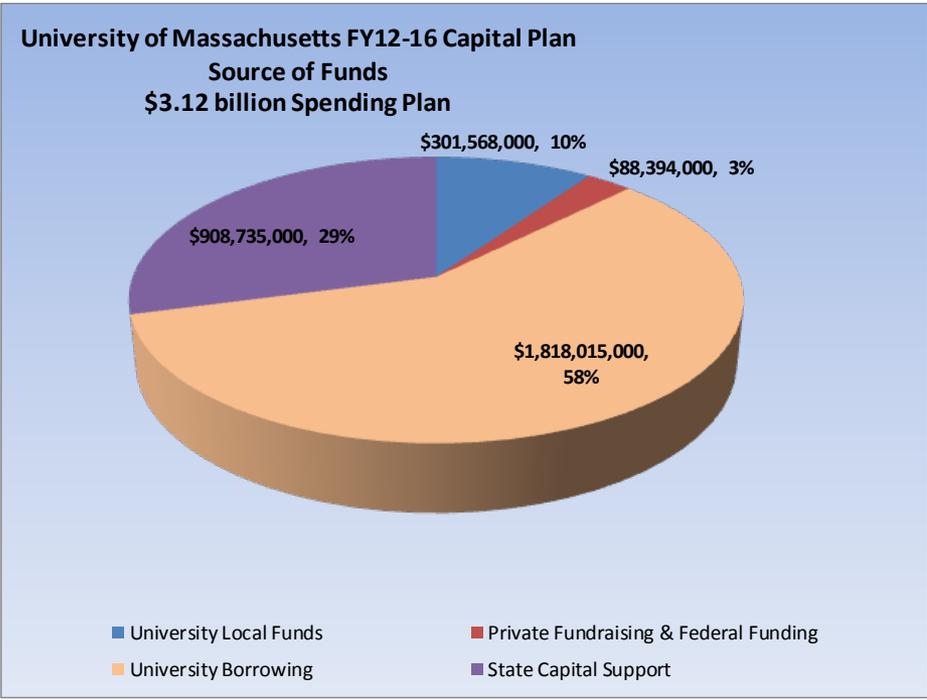
FY2011 – Summary

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- **Successful October 2010 Bond Issue - historically low interest rates**
 - \$546.8 million of project funds financed at an approximate yield of 3.3%
 - Ratings upgrade from Fitch and S&P to AA-, Moody's stands at Aa2
- **More than \$400 million expended during FY11**
- **Major Construction Activity Started:**
 - New Laboratory Science Building at Amherst
 - Boston's Integrated Science Complex
 - Carney Library Renovations at Dartmouth
 - Health and Social Sciences Building at Lowell
 - New Parking Garage at the Medical School
- **Major Acquisition – University Crossing at Lowell**
 - Critical central location
 - 300,000 s.f. and parking



FY12-16 Planned Spending



Planned Spending:

Status of State Support

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	Higher Ed Bond Bill	Life Sciences Bill	Other State Funds
TOTAL UMass Authorization	\$1,001,500,000	\$241,900,000	
<i>Spent through FY11</i>	\$65,000,000	\$41,000,000	
<i>Programmed FY12-16</i>	\$517,500,000	\$59,000,000	\$50,000,000
<i>Requested FY12-16</i>	\$108,600,000	\$94,900,000	\$77,600,000
<i>FY17-21</i>	\$310,400,000	\$47,000,000	

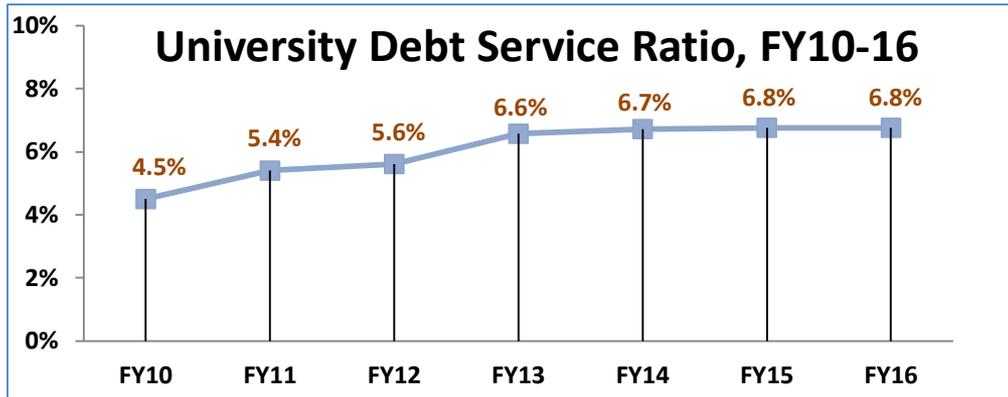
- **Approximately \$908 million of state funding for University projects is programmed or requested**
 - State FY12-FY16 Capital Plan due out shortly
 - Many of the University priority projects are already programmed into the Administration's spending plan and DCAM/EOAF have expressed initial support to additional requests
 - University has submitted proposals to the Life Sciences Center for the requested projects

Planned Spending: Debt Financing

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Five-year plan proposes \$1.82 billion in debt funded spending

- \$1.13 billion already borrowed
- \$685 million to be borrowed during the five-year period (Next planned borrowing - Fall 2012)



* FY10 Actual, FY11 Estimated, FY12-16 Projected

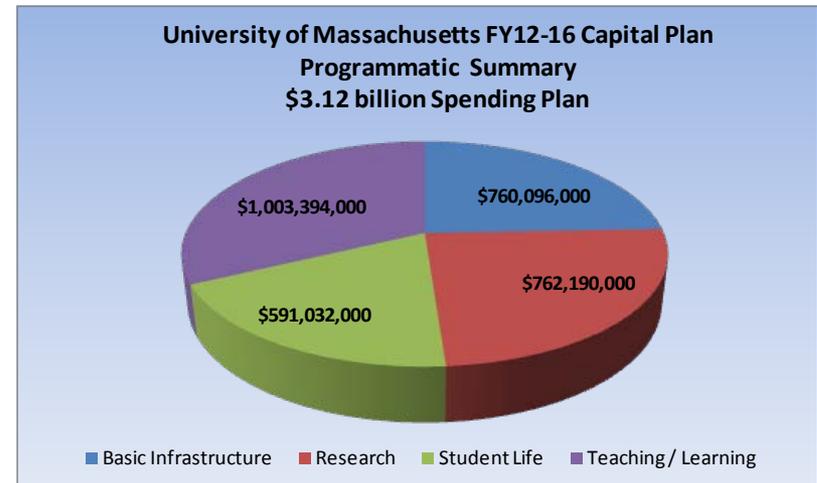
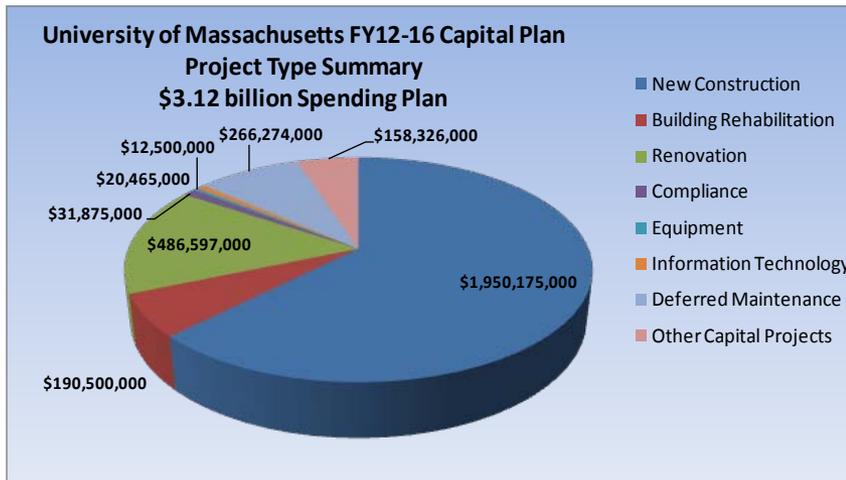
Fitch Ratings Report:

“Management continues to prudently oversee an extensive capital improvement program meant to enhance teaching and research facilities, and elevate the university’s academic standing.”

In recognition of increasing levels of debt, Board set new policy requiring approval to exceed 8% debt burden and restricting campuses from exceeding 10%

Overview: University FY12-16 Capital Plan

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- ❑ Plan reflects strategic priorities
 - ❑ Increase research
 - ❑ Enhance learning environment for students and faculty
 - ❑ Energy efficiency and conservation
- ❑ Total of 373 projects
 - 221 projects with anticipated spending in the 5-year period

Sustainability Focus

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Signatories of the American College & University Presidents' Climate Commitment (ACUPCC):

- ❑ Commits the University to an action plan to become **carbon neutral**
- ❑ Resulting commitment to LEED Silver certification in new construction

Recent Steps

- ❑ Green High Performance Computing Center in Holyoke
- ❑ Photovoltaics at Boston, Dartmouth and Lowell
- ❑ Medical School considering a large scale solar project
- ❑ Amherst has reduced its carbon footprint by 30% over the last five years
 - ❑ New Central Heating Plant recently won an Energy Star award from the EPA
 - ❑ Geothermal system for new Police facility
- ❑ Dartmouth - \$35 million dollar Energy Performance contract and 600 kw wind turbine
- ❑ Utilities and HVAC system upgrades underway or planned across the University



Deferred Maintenance

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Estimated \$3.2 billion Challenge

- ❑ State funding for DM chronically insufficient
- ❑ Many buildings reaching the end of their useful life concurrently

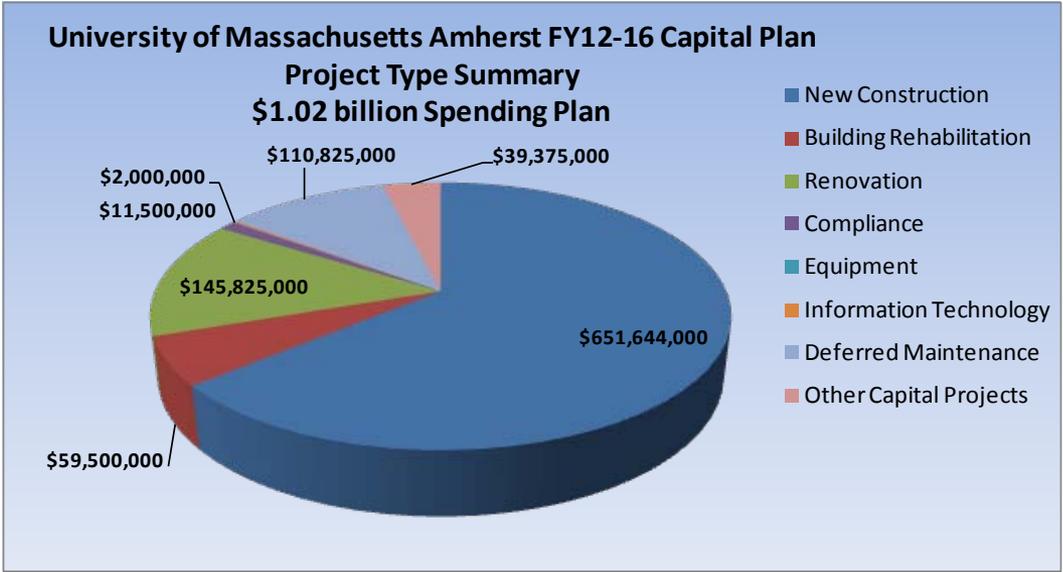
Steps Taken

- ❑ Board policy established requiring O&M funding and capital renewal reserves for new construction and major renovations
- ❑ Deferred Maintenance per GSF metric added to Financial Indicators Report
 - ❑ Currently at \$135 per GSF in 2011
- ❑ Facilities condition assessments and planning to assess best use of capital
- ❑ FY12 Capital Plan Guidelines - target of 10% net reduction in DM by FY16
- ❑ Next Steps – Refine analysis and prioritization, develop more funding sources





Amherst Campus Summary



- **Increased Residential Life Investments**
 - **Enrollment growth and recruitment**
- **Science and Academic Investments**
 - **Boost research and academic opportunities**
 - **Recruit faculty**

- **Total Capital Needs estimated to require \$1.7 billion investment over next ten years**
- **Shortage of good condition academic space – limits enrollment and damages image**
- **Building world-class facilities to support research and academic mission**
- **Using capital projects to transform the living/learning environment**



Boston Campus Summary



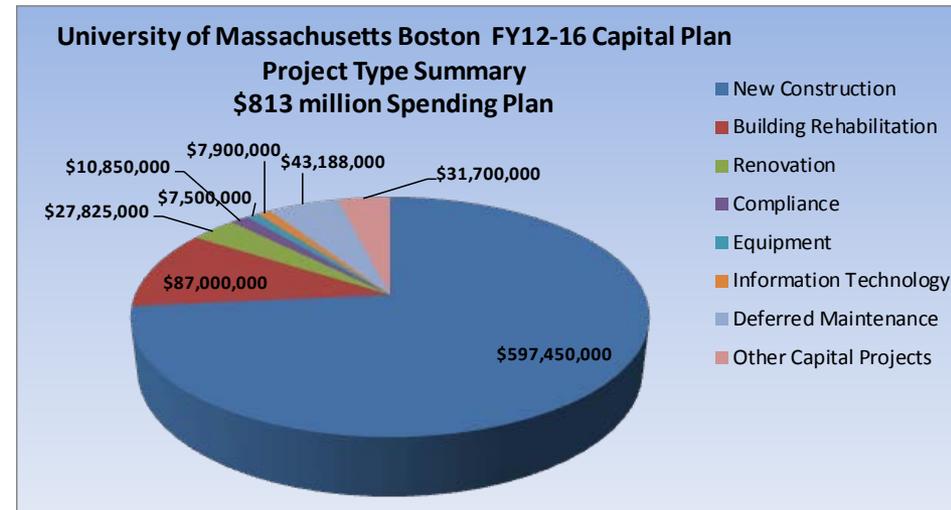
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Future Campus Planned

- Current Academic space on campus not adequate for growing student enrollment - Campus projects 30% growth over the next five years
- Many existing facilities are in poor condition and do not meet current codes and standards
- Substructure is not capable of continuing its current role over the long-term
- Swing space is needed for planned construction because all existing buildings are fully occupied

Master Plan Projects are moving forward

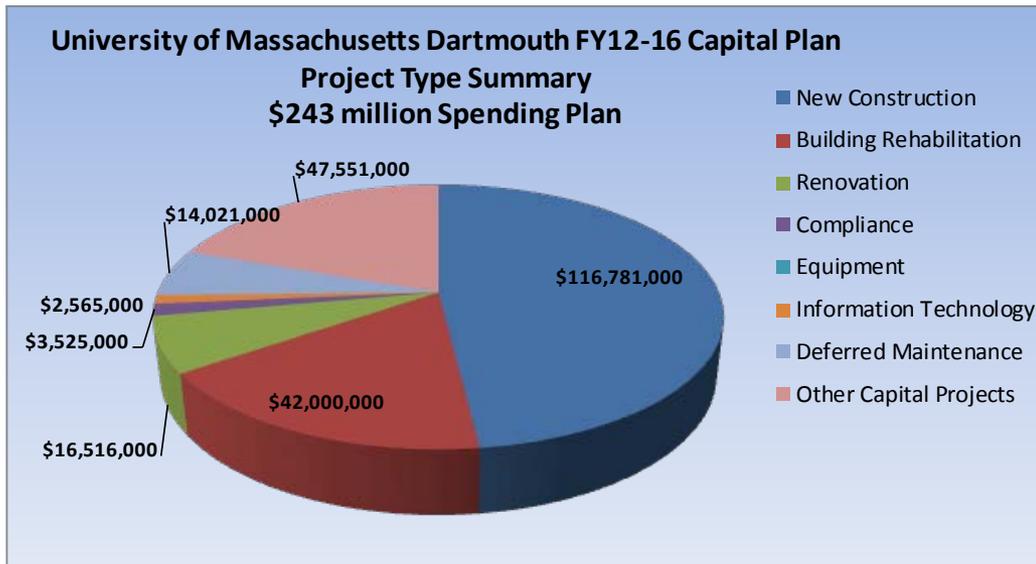
- Construction in progress on the Integrated Science Complex
- Design is wrapping up on the \$100 million Academic Building
- Campus utilities and telecommunications lines that run through Substructure are being relocated
- Roadways are being reconfigured
- Preparations underway for demolition of existing structures



Dartmouth Campus Summary



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- Exploit synergies with state investment goals to drive research growth and graduate program expansion – Biomanufacturing, SMAST, ATMC

- Rebuild the basic infrastructure with modern, energy efficient components
- Establish common areas to unify the campuses - Comprehensive Library Renovation expands space, enhances student experience, and creates new uses





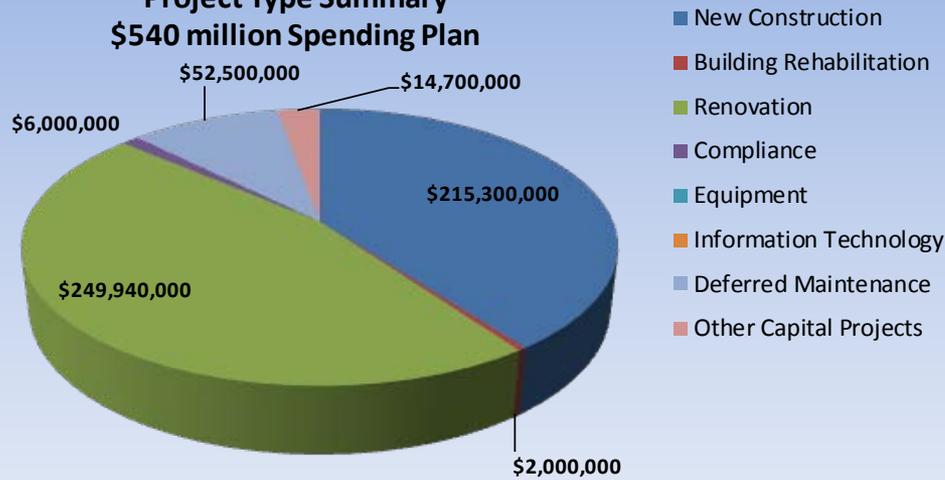
Lowell Campus Summary



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University of Massachusetts Lowell FY12-16 Capital Plan

Project Type Summary \$540 million Spending Plan



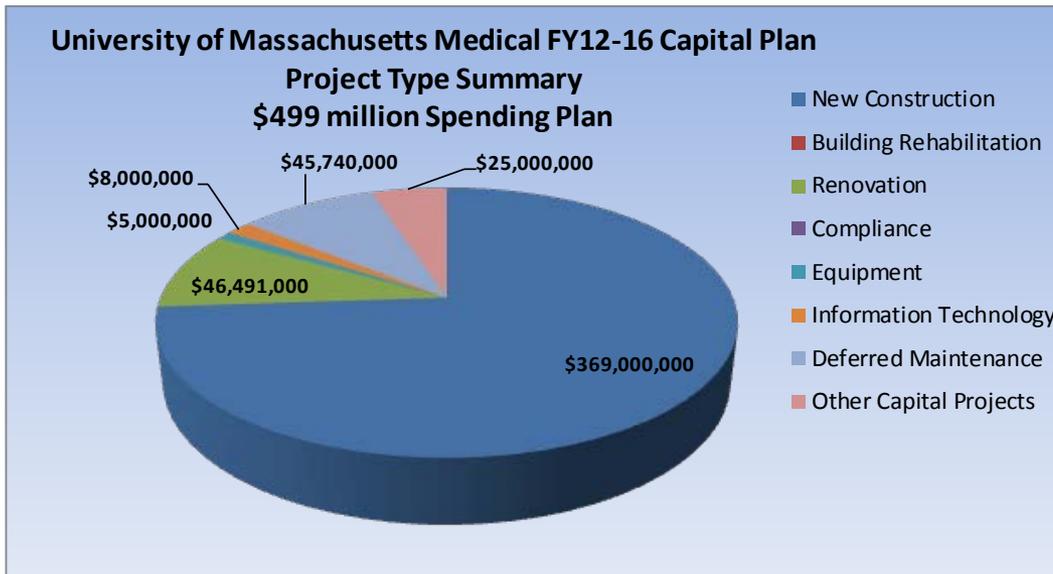
- Increase residential capacity and student programming - New Dorm Construction and additional housing opportunities
- Create modern academic and research space
- Capitalize on real estate opportunities

- Renovate existing facilities to align infrastructure with student demand changes
- Acquisition of University Crossing – Programming work underway
- Continuing to dedicate resources to deferred maintenance and core infrastructure improvements

Medical School Summary



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- Campus projects encourage collaboration between researchers, students, and hospital
- Promote regional economic development
- Pioneering Science, Learning, and Health Care

- Sherman Center in heavy construction
 - 519,000 ft. facility for key research initiatives, including Advanced Therapeutics Cluster, RNA Therapeutics Center, Center for Stem Cell Biology and Gene Therapy Center



Board of Trustees Votes

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- 1. All new construction or renovation projects with a total project cost exceeding \$1 million for the FY2012-2016 planning period**
 - **60 new projects totaling \$1.05 billion.**
- 2. All updates in total project cost for individual projects that are estimated to have changed by 20% or more over amounts previously approved by the Trustees.**
- 3. Resolution Authorizing Requests for Initiation by UMBA of University Projects**
- 4. Resolution Authorizing Refinancing of Existing Debt issued through HEFA, WCCC**

APPENDIX

New Projects for Board Approval

Cost Estimate

Aug-11

Amherst Campus

McGuirk Stadium Improvements	\$30,000,000
Physical Sciences Building	\$80,000,000
Integrated Sciences Building fitout	\$2,000,000
Biomass Facility	\$20,000,000
Marks Meadow/Furcolo Renovations	\$17,500,000
Fine Arts Center renovations	\$9,000,000
New Africa House renovations	\$1,700,000
Hills replacement/Land Arch	\$25,800,000
New Faculty Hire Renovations	\$9,000,000
Physical Plant deferred maintenance & renovations	\$7,500,000
Bartlett Replacement Building	\$50,000,000
Hampshire DC renovations	\$15,000,000
Lincoln Campus Center Concourse Improvements	\$11,000,000
Chilled Water Loop	\$3,000,000
Research Affairs relocation	\$5,000,000
Auditorium Renovations	\$7,500,000
New Faculty Hire Renovations	\$12,000,000
Instructional Lab Renovations	\$7,500,000
Chilled Water Loop	\$5,000,000
Goessmann backfill renovations	\$13,000,000
New Laboratory Science Building backfill renovations	\$18,000,000
Campus Infrastructure	\$20,000,000
University Health Services Renovations	\$35,000,000
Housing Renovations and Repairs	\$25,000,000
<i>subtotal Amherst</i>	\$429,500,000

New Projects for Board Approval

Boston Campus

Clark Athletic Center: Replace/Repair East Curtain Wall	\$2,000,000
Healey Library: Roof and Building Envelope Repairs	\$2,000,000
Service and Supply Building: Roof and Building Envelope Repairs	\$1,750,000
Nantucket Field Station: Repairs to Field Station Buildings	\$1,400,000
Campus-wide: Telephone System Upgrades	\$1,300,000
Fox Point Docks: Upgrades and ADA Accessibility	\$1,500,000
Campus Wide: One Card System	\$1,000,000
Quinn Administration Building: Renovations to improve Building Efficiency	\$10,000,000
Relocate Department of Public Safety due to construction of bridge between the ISC and Quinn	\$4,000,000
Master Plan Phase I: Utility Plant Upgrades related to pumps, controls, heat exchangers and Utility Corridor Reconfiguration	\$7,000,000
Master Plan Phase I: Relocate College of Science and Mathematics Machine Shop due to the demolition of the Science Center	\$1,000,000
Master Plan Phase I: Study Replacement of Catwalk/Enclosed Campus Walkway System and Connections to GAB 1	\$1,000,000
Master Plan Phase I: Study new LL/UL Facades at Campus Center, Healey Library, McCormack Hall, Quinn Administration Building and Wheatley Hall and Access to Buildings from Grade	\$2,000,000
Master Plan Phase I: Central Quad Landscaping	\$7,500,000
Master Plan Phase I: Acquisition of Real Estate	\$10,000,000
Master Plan Phase I: Build Out Shell Space in Campus Center UL (currently parking)	\$5,000,000
Master Plan Phase II: General Academic Building III	\$150,000,000
Master Plan Phase I: Construct +/- 1,200 Vehicle Parking Garage East	\$35,000,000
Healey Library: Renovations to create Learning Commons and Improve IT and Study Spaces	\$20,000,000
subtotal Boston	\$263,450,000

New Projects for Board Approval

Dartmouth Campus

Update Campus Master Plan	\$1,500,000
Research Laboratory Improvements	\$11,500,000
<i>subtotal Dartmouth</i>	\$13,000,000

Lowell Campus

ETIC - Phase 2 - Floors 3 &4	\$12,200,000
Univ. Crossing Student Life, Student Services & Admin Serv.	\$50,000,000
Univ. Crossing 250 beds	\$31,000,000
Univ. Crossing bookstore & cafe	\$10,400,000
Science & Engineering Master Plan-Engineering Bld. Renewal	\$25,000,000
Science & Engineering Master Plan-Olsen Renovations	\$45,000,000
Leitch & Bourgeois Res Hall Renovations	\$20,000,000
South Campus Master Plan & Initial Space Revisions	\$20,000,000
Science & Engineering Master Plan-North Campus Quad Renew	\$31,300,000
Science & Engineering Master Plan-Olney Renovations	\$55,000,000
<i>subtotal Lowell</i>	\$299,900,000

Medical School

South Street Refinance	\$25,000,000
Enhance Chilled Water Loop Pump / Controls	\$3,000,000
Expansion of Childcare Center	\$1,500,000
Install new Low Pressure Boilers	\$5,000,000
HVAC Terminal Box and Exhaust Fan Replacement	\$8,000,000
<i>subtotal Medical School</i>	\$42,500,000

<i>Total all new projects</i>	\$1,048,350,000
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Projects with Total Project Cost Adjustments > 20% for BOT Approval

Project Name	Initial TPC	Revised TPC	% Increase	Explanation for Change in Cost
Lowell Campus				
Property Acquisitions	\$20,000,000	\$10,000,000	-50%	Acquisitions have already occurred (ICC & Univ. Crossing, 820 Broadway). A strategic acquisitions plan is under review to identify priorities.
College of Management Building	\$45,000,000	\$30,000,000	-33%	Greater understanding of scope, location and funding for facility has resulted in lower expected costs.
Capital renewal/deferred maintenance	\$39.3M - \$86M	\$115,000,000	34%	UML completed a detailed Facilities Conditions Assessment this year resulting in the identification of a \$452M deferred maintenance need for the campus. The current capital plan has identified specific projects that will address the backlog as part of specific building renewal projects (such as Engineering Bldg. renewal). The \$115M represents the unprogrammed remaining portion of the total.

FY2012-2016 Capital Plan Update

Prominent Capital Projects – Amherst Campus

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Amherst Campus	Project Type	Program Type	Total Project Cost	FY12-16 Anticipated Spending
Housing Expansion	NC	SL	\$178,500,000	\$174,000,000
New Laboratory Science Building	NC	R	\$156,500,000	\$114,600,000
Life Sciences Facility	NC	R	\$95,000,000	\$73,500,000
Academic Classroom Building	NC	TL	\$85,000,000	\$80,800,000
Physical Sciences Building	NC	R	\$80,000,000	\$80,000,000
Student Union Repairs, Code, Renovations, Addition or New	NC	SL	\$80,000,000	\$0
Morrill Science Center Renovations	RV	R	\$51,300,000	\$23,300,000
Bartlett Replacement Building	NC	TL	\$50,000,000	\$50,000,000
New Laboratory Science Building Fit out	NC	R	\$50,000,000	\$0
Lederle GRC Repairs and Renovations	BR	R	\$41,250,000	\$19,000,000
Isenberg School of Management renovations and addition	NC	TL	\$40,000,000	\$0
University Health Services Renovations/Replacement	RV	SL	\$35,000,000	\$0
Housing Sprinkler Systems	CO	BI	\$32,000,000	\$7,000,000
McGuirk Stadium Improvements	BR	SL	\$30,000,000	\$30,000,000
Hills replacement/Land Arch	NC	TL	\$25,800,000	\$25,800,000
Housing Repair & Renovation	RV	SL	\$25,000,000	\$25,000,000
Champion Center	NC	BI	\$25,000,000	\$25,000,000
Central Campus Infrastructure	O	BI	\$25,000,000	\$25,000,000
Housing Renovations and Repairs	RV	SL	\$25,000,000	\$0
Totman/Kinesiology renovations/addition/new	NC	R	\$24,500,000	\$0
Biomass Facility	NC	BI	\$20,000,000	\$20,000,000
Campus Infrastructure	O	BI	\$20,000,000	\$0
Dubois Repairs and Renovations	DM	BI	\$20,000,000	\$0
New Laboratory Science Building backfill renovations	RV	R	\$18,000,000	\$0
Marks Meadow/Furcolo Renovations	DM	TL	\$17,500,000	\$17,500,000
Goodell Renovations	RV	BI	\$16,000,000	\$0
Electrical Upgrades and Substation (formerly separate projects)	O	BI	\$16,000,000	\$0
New Parking Structures	NC	BI	\$16,000,000	\$0
Southwest Concourse and Infrastructure Replacement	DM	BI	\$15,500,000	\$1,200,000

FY2012-2016 Capital Plan Update

Prominent Capital Projects – Amherst Campus

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Goessmann Renovations	RV	R	\$15,000,000	\$13,300,000
DuBois deferred maintenance/mechanical/electrical/plumbing	DM	TL	\$15,000,000	\$15,000,000
Hampshire DC renovations	RV	SL	\$15,000,000	\$15,000,000
Dining Commons Renovations	RV	SL	\$15,000,000	\$0
Old Chapel Renovation	RV	BI	\$15,000,000	\$0
Deferred Maintenance & Modernization Projects	DM	BI	\$15,000,000	\$0
Webster, Grayson, Field window/masonry	DM	SL	\$13,500,000	\$12,200,000
Goessmann backfill renovations	RV	R	\$13,000,000	\$0
Facility Demolitions	O	BI	\$12,800,000	\$10,700,000
LGRC Faculty Renovations (NIH)	BR	R	\$12,700,000	\$10,500,000
Machmer Repairs	DM	TL	\$12,600,000	\$1,000,000
Stockbridge Hall MEP & Renovations	CO	TL	\$12,500,000	\$0
New Faculty Hire Renovations	RV	R	\$12,000,000	\$0
Renovate Hampden Dining Commons	RV	SL	\$11,600,000	\$0
Lincoln Campus Center Concourse Improvements	RV	SL	\$11,000,000	\$11,000,000
French Greenhouse replacement Phase I (Bowditch)	PR	TL	\$10,800,000	\$4,400,000
Morrill I Vivarium & relocation of Western MA public health	RV	R	\$10,500,000	\$3,300,000
GRC basic systems upgrades	DM	BI	\$10,305,000	\$4,100,000
LGRC repairs and modernization	RV	BI	\$10,000,000	\$0
Morrill Complex repairs and modernizations	RV	BI	\$10,000,000	\$0
Fine Arts Center Repairs, Renovations & Modernizations	DM	BI	\$10,000,000	\$0
Environmental/Hazardous Materials Remediations	RV	BI	\$10,000,000	\$0
Whitmore Renovations	RV	BI	\$10,000,000	\$0

FY2012-2016 Capital Plan Update

Prominent Capital Projects – Boston Campus

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Boston Campus	Project Type	Program Type	Total Project Cost	FY12-16 Anticipated Spending
Master Plan Phase I: Construct New Integrated Sciences Complex	NC	R	\$152,000,000	\$144,450,000
Master Plan Phase II: General Academic Building III	NC	TL	\$150,000,000	\$0
Master Plan Phase I: Construct New Academic Building 2	NC	TL	\$135,000,000	\$25,250,000
Master Plan Phase I: Construct New Academic Building 1	NC	TL	\$100,000,000	\$100,000,000
Master Plan Phase I: Construct 1,000 Bed Residence Hall	NC	SL	\$88,000,000	\$88,000,000
Master Plan Phase I: Utility Corridor and Roadway Relocation Project (Phase I)	NC	BI	\$82,125,000	\$81,075,000
Master Plan Phase I: Renovations to Existing Campus Buildings	BR	TL	\$75,000,000	\$75,000,000
Master Plan Phase I: Utility Corridor and Roadway Relocation Project (Phase II)	NC	BI	\$52,875,000	\$52,875,000
Master Plan Phase I: Construct +/- 1,200 Vehicle Parking Garage West	NC	BI	\$35,000,000	\$35,000,000
Master Plan Phase I: Construct +/- 1,200 Vehicle Parking Garage East	NC	BI	\$35,000,000	\$1,000,000
Substructure: Interim Structural Stabilization, Access/Egress and Acid Neutralization Tanks	DM	BI	\$28,505,000	\$6,000,000
Master Plan Phase I: Construct new Trigeneration Facility	NC	BI	\$25,000,000	\$25,000,000
Campus-Wide: Window Replacements	DM	BI	\$25,000,000	\$0
Healey Library: Renovations to create Learning Commons and Improve IT and Study Spaces	RV	TL	\$20,000,000	\$5,000,000
Healey Library: Building Envelope Repairs	DM	BI	\$18,000,000	\$0
McCormack Hall: Building Envelope Repairs	DM	BI	\$18,000,000	\$0
Wheatley Hall Building Envelope Repairs	DM	BI	\$18,000,000	\$0
Master Plan Phase I: Substructure and Science Center Demolition	O	BI	\$15,000,000	\$15,000,000
Instructional Equipment Upgrades and Replacements	E	TL	\$15,000,000	\$7,500,000
Clark Athletic Center: Building Envelope Repairs	DM	BI	\$11,000,000	\$0
Quinn Administration Building: Renovations to improve Building Efficiency	RV	BI	\$10,000,000	\$4,000,000
Life Sciences: Center for Personalized Cancer Therapy (To be located within Integrated Sciences Complex)	RV	R	\$10,000,000	\$10,000,000
Master Plan Phase I: Acquisition of Real Estate	O	TL/SL	\$10,000,000	\$10,000,000
Master Plan Phase I: Construct new pool facility	NC	SL	\$10,000,000	\$10,000,000

FY2012-2016 Capital Plan Update

Prominent Capital Projects – Dartmouth Campus

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Dartmouth Campus	Project Type	Program Type	Total Project Cost	FY12-16 Anticipated Spending
Repair Four Oldest Residence Halls	DM	SL	\$75,000,000	\$3,100,000
Basic Infrastructure Repairs	DM	BI	\$61,702,000	\$2,000,000
New Academic Building	NC	TL	\$55,000,000	\$24,600,000
SMAST/DMF Expansion	NC	R	\$48,000,000	\$48,000,000
Library Renovations	BR	TL	\$46,000,000	\$34,000,000
Campus Entrance Building	NC	SL	\$45,000,000	\$0
Energy/Water Savings Project	O	BI	\$34,000,000	\$34,000,000
Biomufacturing Building	NC	R	\$26,000,000	\$26,000,000
Science and Engineering/Dion Engineering Phase I	NC	TL	\$22,600,000	\$0
Multi Purpose Field House	BR	SL	\$20,800,000	\$5,000,000
Science and Engineering/Dion Engineering Phase II	NC	TL	\$19,000,000	\$0
Campus Center Addition	BR	SL	\$16,400,000	\$3,000,000
Retrofit of Vacated Spaces from New 'Bldg Projects	NC	BI	\$15,580,000	\$0
Charlton College of Business, Phase II	NC	TL	\$15,000,000	\$15,000,000
Central Administrative Services Building	NC	BI	\$12,690,000	\$0
Research Laboratory Improvements	RV	R	\$11,500,000	\$11,500,000
Classroom and Laboratories Upgrades and Learning Space Improvements	RV	TL	\$11,440,000	\$1,000,000
ATMC Acquisition	O	R	\$11,400,000	\$11,400,000
Renovation Campus Auditorium	RV	TL	\$11,170,000	\$0

FY2012-2016 Capital Plan Update

Prominent Capital Projects – Lowell Campus

25

Lowell Campus	Project Type	Program Type	Total Project Cost	FY12-16 Anticipated Spending
Capital renewal/deferred maintenance	DM	TL	\$115,000,000	\$32,500,000
ETIC Bldg.	NC	R	\$72,200,000	\$43,100,000
Science & Engineering Master Plan-Olney Renovations	RV	R	\$55,000,000	\$2,000,000
Academic & ongoing modernization	RV	TL	\$54,000,000	\$10,000,000
Residential Hall Comprehensive Renewal Program	RV	SL	\$52,000,000	\$20,000,000
Aiken Street Residence Hall	NC	SL	\$50,000,000	\$50,000,000
Univ. Crossing Student Life, Student Services & Admin Serv.	RV	SL	\$50,000,000	\$50,000,000
Science & Engineering Master Plan-Olsen Renovations	RV	R	\$45,000,000	\$20,000,000
South Campus Academic Bldg.	NC	TL	\$40,000,000	\$40,000,000
Ames Building Replacement	NC	R	\$40,000,000	\$0
Science & Engineering Master Plan-North Campus Quad Renew	RV	R	\$31,300,000	\$9,540,000
Univ. Crossing 250 beds	RV	SL	\$31,000,000	\$31,000,000
College of Management Bldg	NC	TL	\$30,000,000	\$30,000,000
Energy & Power Plant Improvements	DM	BI	\$30,000,000	\$20,000,000
Pinanski Hall Renovations	DM	BI	\$30,000,000	\$0
Science & Engineering Master Plan-Engineering Bld. Renewal	RV	R	\$25,000,000	\$25,000,000
Lydon Library Renovations	PR	TL	\$23,500,000	\$0
North Campus Garage	NC	SL	\$20,000,000	\$20,000,000
South Campus Garage	NC	BI	\$20,000,000	\$20,000,000
Leitch & Bourgeois Res Hall Renovations	RV	SL	\$20,000,000	\$20,000,000
South Campus Master Plan & Initial Space Revisions	RV	TL	\$20,000,000	\$20,000,000
Coburn Hall Renewal (66 kgsf)	BR	TL	\$19,000,000	\$2,000,000
Wannalancit (includes M2D2)	RV	R	\$15,500,000	\$15,500,000
Technology Infrastructure	RV	BI	\$15,000,000	\$7,500,000
South Dining Replacement	RV	SL	\$15,000,000	\$0
Costello Gym Renovations	PR	SL	\$15,000,000	\$0
Durgin Hall Renovations	DM	TL	\$12,500,000	\$0
ETIC - Phase 2 - Floors 3 & 4	NC	R	\$12,200,000	\$12,200,000
Compliance	CO	BI	\$12,000,000	\$6,000,000
Univ. Crossing bookstore & cafe	RV	SL	\$10,400,000	\$10,400,000
Civic & Athletic Facilities (incl. Tsongas Ctr.)	O	SL	\$10,000,000	\$4,700,000
Property Acquisitions	O	TL	\$10,000,000	\$10,000,000

FY2012-2016 Capital Plan Update

Prominent Capital Projects – Worcester Campus

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Medical School	Project Type	Program Type	Total Project Cost	FY12-16 Anticipated Spending
Albert Sherman Center	NC	TL	\$350,000,000	\$270,000,000
Master Plan - School Phases I and II	NC	R	\$153,000,000	\$0
Advanced Education and Clinical Practice Center (ACC)	NC	TL	\$120,000,000	\$20,000,000
Land Acquisition per Master Plan	O	BI	\$75,000,000	\$0
Power Plant Expansion	NC	BI	\$50,000,000	\$32,000,000
New NW Parking Garage	NC	BI	\$40,000,000	\$40,000,000
School HVAC Upgrades/Replacements	DM	BI	\$30,100,000	\$30,100,000
Deferred Maintenance List - Priority 3	DM	BI	\$30,000,000	\$0
South Street Refinance	O	BI	\$25,000,000	\$25,000,000
Chilled Water/ Steam Loop on Campus	NC	BI	\$13,000,000	\$1,000,000
Faculty Recruits	RV	R	\$10,200,000	\$7,200,000
School 4th fl Lab Renovations - Phase 1	RV	R	\$10,000,000	\$10,000,000
ATC Clinical Development Center (cGMP)	NC	BI	\$10,000,000	\$0
West Parking Garage Repairs	DM	BI	\$10,000,000	\$10,000,000
Network Infrastructure	IT	BI	\$10,000,000	\$5,000,000
Departmental equipment purchases	E	R	\$10,000,000	\$5,000,000
ATC Clinical Development Center (cGMP)	NC	BI	\$10,000,000	\$0

Thank You