Facilities Planning ~ Capital Plan & Construction Update

Faculty Senate
December 13, 2011
Total Construction Costs Per Fiscal Year

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>FY04</th>
<th>FY05</th>
<th>FY06</th>
<th>FY07</th>
<th>FY08</th>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Costs</td>
<td>$250,000,000</td>
<td>$200,000,000</td>
<td>$150,000,000</td>
<td>$100,000,000</td>
<td>$50,000,000</td>
<td>$75,000,000</td>
<td>$100,000,000</td>
<td>$125,000,000</td>
<td>$150,000,000</td>
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</tbody>
</table>
Historical capital spending – FY04 to FY11

$931 Million Total

- $77M - State
- $250M - Campus & Gifts
- $604M - UMBA

Major Projects Completed

- North Residential Area
- Skinner Hall Renovation/Addition
- Central Heating Plant
- Integrated Sciences Building ($2.2M Gift Funding)
- Transit Center
- Studio Arts Building
- Recreation Center
- Chenoweth Health & Wellness Center ($1.8M Gift Funding)
- UMass Police Station
- George N. Parks Marching Band Building ($1.3M Gift Funding)
- Southwest Concourse
- CNS Research & Education Greenhouse
Projected Capital Spending – FY12 to FY16

UMass Board of Trustees approved five year Capital Plan for FY2012 through FY16*

Projected spending FY12-16 on funded projects of approximately $1 billion

- State - $348M
- UMBA - $517M
- Fundraising - $23M
- UMA - $133M

*Additional unfunded needs of $715,200,000
<table>
<thead>
<tr>
<th>Project</th>
<th>Funding</th>
<th>Status</th>
<th>Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Southwest Concourse</td>
<td>UMBA</td>
<td>Soon Complete</td>
<td>$15,500,000</td>
</tr>
<tr>
<td>CNS Research &amp; Ed Greenhouse</td>
<td>UMBA</td>
<td>Soon Complete</td>
<td>$10,800,000</td>
</tr>
<tr>
<td>Maintain Bartlett (4 Years)</td>
<td>Campus</td>
<td>In Construction</td>
<td>$2,000,000</td>
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<tr>
<td>Deferred Maintenance (Various)</td>
<td>Campus/UMBA</td>
<td>In Construction</td>
<td>$19,050,000</td>
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<tr>
<td>Commonwealth Honors Housing</td>
<td>UMBA/Department</td>
<td>In Construction</td>
<td>$186,500,000</td>
</tr>
<tr>
<td>New Laboratory Science Building</td>
<td>State/Campus/UMBA</td>
<td>In Construction</td>
<td>$156,500,000</td>
</tr>
<tr>
<td>New Academic Classroom Blding</td>
<td>State/Campus</td>
<td>In Design</td>
<td>$85,000,000</td>
</tr>
<tr>
<td>Paige Renovation</td>
<td>UMBA</td>
<td>Planning</td>
<td>$6,000,000</td>
</tr>
<tr>
<td>Upgrade Electrical Substation</td>
<td>Campus</td>
<td>Planning</td>
<td>$16,000,000</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td><strong>$497,350,000</strong></td>
</tr>
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</table>
## FY11 to FY16 Construction – Recently Approved

<table>
<thead>
<tr>
<th>Project</th>
<th>Funding</th>
<th>Status</th>
<th>Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Goessmann Renovations</td>
<td>UMBA</td>
<td>In Construction</td>
<td>$14,000,000</td>
</tr>
<tr>
<td>Physical Plant Renovations</td>
<td>UMBA/Campus</td>
<td>In Design</td>
<td>$7,500,000</td>
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<tr>
<td>Central Campus Infrastructure</td>
<td>UMBA</td>
<td>In Design</td>
<td>$25,000,000</td>
</tr>
<tr>
<td>Chilled Water Loop</td>
<td>UMBA</td>
<td>In Design</td>
<td>$3,000,000</td>
</tr>
<tr>
<td>Du Bois Library Deferred Maint.</td>
<td>UMBA</td>
<td>In Design</td>
<td>$23,500,000</td>
</tr>
<tr>
<td>Champion Basketball Center</td>
<td>UMBA/Gifts</td>
<td>Designer Select</td>
<td>$25,000,000</td>
</tr>
<tr>
<td>Hills Replacement Building</td>
<td>UMBA</td>
<td>Designer Select</td>
<td>$25,800,000</td>
</tr>
<tr>
<td>Marks Meadow Renovation</td>
<td>UMBA</td>
<td>Designer Select</td>
<td>$17,400,000</td>
</tr>
<tr>
<td>McGuirk Stadium Improvements</td>
<td>UMBA</td>
<td>Designer Select</td>
<td>$30,000,000</td>
</tr>
<tr>
<td>Bartlett Replacement Building</td>
<td>UMBA</td>
<td>Designer Select</td>
<td>$50,000,000</td>
</tr>
<tr>
<td>Hampshire DC Renovations</td>
<td>UMBA/Department</td>
<td>In Planning</td>
<td>$15,000,000</td>
</tr>
<tr>
<td>CC Concourse Improvements</td>
<td>UMBA/Department</td>
<td>In Planning</td>
<td>$11,000,000</td>
</tr>
<tr>
<td>Furcolo Renovations</td>
<td>UMBA</td>
<td>In Planning</td>
<td>$3,900,000</td>
</tr>
<tr>
<td>OIT Back-up Data Center</td>
<td>UMBA</td>
<td>In Planning</td>
<td>$6,000,000</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td><strong>$257,100,000</strong></td>
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</table>
Current Major Projects
Current Major Projects

• Commonwealth Honors College Residential Complex
Commonwealth Honors College Residential Complex

- Funding: $186.5M - UMBA (includes utility infrastructure)
- Total Program Area 512,000 GSF
- Building Footprint 102,000 GSF
- 1,500 beds
- Scheduled for completion – Summer, 2013
- Targeting LEED Gold
Current Major Projects

• Commonwealth Honors College Residential Complex
Current Major Projects

• Commonwealth Honors College Residential Complex
• New Laboratory Science Building
New Laboratory Science Building I & Shell

• Funding:
  $12.5M – Campus
  $100M – State
  $44M – UMBA
  $156.5M

• GSF 305,000

• Scheduled for completion – Early, 2013

• Targeting LEED Silver

• Additional $95M Life Science phase in planning
New Laboratory Science / Life Science Phasing

- **NLSB 1**: $100M complete
  - Occupancy Early 2013

- **NLSB 2**: $56.5M shell
  - Complete Early 2013
  - $51M fit-out
    - 2013 and after

- **LSB**: $95M
  - Future Funding

- 271 Faculty & Staff
- 334 Faculty & Staff

New Integrated Sciences Building
Occupied 6/2009
Current Major Projects

- Commonwealth Honors College Residential Complex
- New Laboratory Science Building
Current Major Projects

- Commonwealth Honors College Residential Complex
- New Laboratory Science Building
- New Academic Classroom Building
New Academic Classroom Building

- Funding:
  - $65M – State
  - $20M – Campus
  - $85M

- GSF 170,000

- To be completed Spring, 2014

- Targeting LEED Gold

- 2,000± seats
  - TBLs
  - case rooms
  - 350-seat auditorium
New Academic Classroom Building

GOALS

• Create adequate capacity
• Improve physical condition of inventory
• Improve balance of room sizes
• Relieve overcrowding
• Improve pedagogy
Current Major Projects

• Commonwealth Honors College Residential Complex
• New Laboratory Science Building
• New Academic Classroom Building
Current Major Projects

• Commonwealth Honors College Residential Complex
• New Laboratory Science Building
• New Academic Classroom Building
• McGuirk Stadium Improvements
McGuirk Alumni Stadium Improvements

- Funding:
  - $30M – UMBA
- GSF 54,400
- To be completed Summer, 2014
- Upgrade Football Program
  - Football Team Facility
  - Press Box
Current Major Projects

- Commonwealth Honors College Residential Complex
- New Laboratory Science Building
- New Academic Classroom Building
- McGuirk Stadium Improvements
Current Major Projects

• Commonwealth Honors College Residential Complex
• New Laboratory Science Building
• New Academic Classroom Building
• McGuirk Stadium Improvements
• Champions Center
Champions Center

• Funding: $25M – UMBA (Offset by $14M Donor Funds)

• GSF 50,000

• Scheduled for completion Fall, 2014

• Targeting LEED Gold
Current Major Projects

• Commonwealth Honors College Residential Complex
• New Laboratory Science Building
• New Academic Classroom Building
• McGuirk Stadium Improvements
• Champions Center
Current Major Projects

- Commonwealth Honors College Residential Complex
- New Laboratory Science Building
- New Academic Classroom Building
- McGuirk Stadium Improvements
- Champions Center
- Bartlett Replacement
Bartlett Replacement

- Funding:
  - $50M – UMBA
- GSF 100,000
- Designer Selection Phase
- Target completion date: Summer, 2015
Current Major Projects

• Commonwealth Honors College Residential Complex
• New Laboratory Science Building
• New Academic Classroom Building
• McGuirk Stadium Improvements
• Champions Center
• Bartlett Replacement
Current Major Projects

- Commonwealth Honors College Residential Complex
- New Laboratory Science Building
- New Academic Classroom Building
- McGuirk Stadium Improvements
- Champions Center
- Bartlett Replacement
- Hills Replacement
Hills Replacement

- **Funding:**
  - $25.8M – UMBA
  - GSF 54,100
- **Designer Selection Phase**
- **Target completion date:** Summer, 2015
Questions?