Facilities Committee
Michael S. Molina
Vice Chancellor - Facilities Planning & Construction
May 14, 2015

Angelo State University

Approve the Five Year Capital Projects Plan and authorize submission of the MP1 Report

Michael S. Molina
## ASU - Capital Projects Plan

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1)</td>
<td>Engineering Laboratories Addition (New)</td>
<td>$4,000,000</td>
</tr>
<tr>
<td>2)</td>
<td>College of Health and Human Services</td>
<td>$27,141,000</td>
</tr>
<tr>
<td>3)</td>
<td>Academic Building Renovation and Addition</td>
<td>$24,788,000</td>
</tr>
<tr>
<td></td>
<td><strong>TOTAL</strong></td>
<td><strong>$55,929,000</strong></td>
</tr>
</tbody>
</table>

### Recommendation

- Approve the updated Angelo State University Five-Year Capital Projects Plan and authorize the submission of Angelo State University’s Capital Expenditure Plan (“MP1”) Summary Report to the Texas Higher Education Coordinating Board (“THECB”).
Texas Tech University

Approve the Five Year Capital Projects Plan and authorize submission of the MP1 Report

*Michael S. Molina*

### TTU - Capital Projects Plan

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Research Building (ESB II)</td>
<td>$97,700,000</td>
</tr>
<tr>
<td>2) College of Engineering Expansion/Renovation (Ph II)</td>
<td>$67,600,000</td>
</tr>
<tr>
<td>3) Former Petroleum Engineering 2nd Floor Renovation (New)</td>
<td>$5,000,000</td>
</tr>
<tr>
<td>4) Utility Infrastructure Upgrade Phase II</td>
<td>$6,750,000</td>
</tr>
<tr>
<td>5) Wiggins Fire/Kitchen Restoration (New)</td>
<td>$2,500,000</td>
</tr>
<tr>
<td>6) Engineering and Materials Research Center Building Renovation (former Mass Communication Building)</td>
<td>$29,207,030</td>
</tr>
<tr>
<td>7) New Residence Hall</td>
<td>$30,000,000</td>
</tr>
<tr>
<td>8) Wall/Gates Window and Restroom Renovations</td>
<td>$6,550,000</td>
</tr>
<tr>
<td>9) Museum Life Safety Upgrade &amp; Air Management Replacement</td>
<td>$6,000,000</td>
</tr>
<tr>
<td>10) Weeks Hall Abatement and Renovation</td>
<td>$24,200,000</td>
</tr>
<tr>
<td>Item</td>
<td>Project Description</td>
</tr>
<tr>
<td>------</td>
<td>---------------------</td>
</tr>
<tr>
<td>11)</td>
<td>Sports Performance Complex <em>(2 combined projects)</em> (within the Edward E. Whitacre Jr Athletic Complex)</td>
</tr>
<tr>
<td>12)</td>
<td>Jones AT&amp;T Stadium South End Zone Renovation</td>
</tr>
<tr>
<td>13)</td>
<td>College of Visual &amp; Performing Arts - Phase I Charles Maedgen Theatre <em>(New)</em></td>
</tr>
<tr>
<td>14)</td>
<td>Doak Hall Renovation and Life Safety Upgrade</td>
</tr>
<tr>
<td>15)</td>
<td>Agriculture Sciences Renovation</td>
</tr>
<tr>
<td>16)</td>
<td>Library Life Safety Upgrade</td>
</tr>
<tr>
<td>17)</td>
<td>KTTZ Facility Renovation + Studio Addition <em>(New)</em></td>
</tr>
<tr>
<td>18)</td>
<td>Research Building II in Research Park</td>
</tr>
<tr>
<td>19)</td>
<td>Utility Infrastructure Upgrade Phase III</td>
</tr>
</tbody>
</table>

*Not on 2014 Master Plan update*

<table>
<thead>
<tr>
<th>Item</th>
<th>Project Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>20)</td>
<td>Jones AT&amp;T Stadium East Side Building Finish-Out</td>
<td>$20,000,000</td>
</tr>
<tr>
<td>21)</td>
<td>Football Training Facility Renovations</td>
<td>$2,000,000</td>
</tr>
<tr>
<td>22)</td>
<td>Animal Biosafety Level 3 Facility in Research Park</td>
<td>$6,500,000</td>
</tr>
<tr>
<td>23)</td>
<td>New Data Center</td>
<td>$21,000,000</td>
</tr>
<tr>
<td>24)</td>
<td>Real Property Purchase</td>
<td>$6,000,000</td>
</tr>
<tr>
<td>25)</td>
<td>Research Building III in Research Park</td>
<td>$30,000,000</td>
</tr>
<tr>
<td>26)</td>
<td>College of Visual &amp; Performing Arts - Phase II <em>(New)</em></td>
<td>$20,500,000</td>
</tr>
<tr>
<td>27)</td>
<td>New Music Building <em>(New)</em></td>
<td>$101,500,000</td>
</tr>
</tbody>
</table>

TOTAL…………………………………………………………………….…………………… $672,507,030
Recommendation

- Approve the updated Texas Tech University Five-Year Capital Projects Plan and authorize the submission of Texas Tech University’s Capital Expenditure Plan (“MP1”) Summary Report to the Texas Higher Education Coordinating Board (“THECB”).

Texas Tech University Health Sciences Center

Approve the Five Year Capital Projects Plan and authorize submission of the MP1 Report

Michael S. Molina
**TTUHSC - Capital Projects Plan**

1) Lubbock West Expansion $38,700,000
2) Lubbock Education, Research & Technology Building $45,000,000
3) Permian Basin Academic Facility $19,800,000
4) Amarillo Panhandle Clinical Simulation Center $9,750,000
5) Various Facility Modernization and Renewal Renovations $5,500,000
6) Abilene Campus Expansion $14,250,000
7) Lubbock VA Clinic $66,000,000
8) Clinical & Academic Expansion (HCC) $23,000,000
9) Dental School Building $79,700,000

**TTUHSC - Capital Projects Plan (cont.)**

10) Lubbock LARC Expansion & Upgrades $13,500,000
11) Lubbock Thermal Energy Plant & Parking Garage $47,000,000
12) Lubbock Infrastructure Improvements $5,000,000
13) Lubbock Childcare Center $7,700,000
14) Lubbock Preston Smith Library Basement Build-Out $7,000,000
15) Amarillo – Student Synergistic Center $6,000,000
16) Odessa Clinic Building 3rd Floor Expansion $3,500,000
17) Amarillo Renovate Women’s Health & Research Institute $21,400,000
18) SW SOP Dallas Renovation $4,200,000
19) Jenna Welch Expansion $4,300,000
20) Real Property Purchase – Lubbock $5,000,000
## TTUHSC - Capital Projects Plan (cont.)

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>21)</td>
<td>Real Property Purchase – Abilene</td>
<td>$5,000,000</td>
</tr>
<tr>
<td>22)</td>
<td>Real Property Purchase – Dallas</td>
<td>$8,500,000</td>
</tr>
<tr>
<td>23)</td>
<td>Real Property Purchase – Amarillo</td>
<td>$3,000,000</td>
</tr>
<tr>
<td>24)</td>
<td>Real Property Purchase – Permian Basin</td>
<td>$3,000,000</td>
</tr>
<tr>
<td>25)</td>
<td>Lubbock Institute on Aging</td>
<td><strong>$40,250,000</strong></td>
</tr>
<tr>
<td></td>
<td><strong>TOTAL</strong></td>
<td><strong>$486,050,000</strong></td>
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</tbody>
</table>

### Recommendation

- Approve the updated Texas Tech University Health Sciences Center Five-Year Capital Projects Plan and authorize the submission of Texas Tech University Health Sciences Center’s Capital Expenditure Plan (“MP1”) Summary Report to the Texas Higher Education Coordinating Board (“THECB”).
Approve the Five Year Capital Projects Plan and authorize submission of the MP1 Report

Michael S. Molina

TTUHSC El Paso - Capital Projects Plan

1) El Paso Medical Science Building II $ 94,400,000 ↑
2) El Paso Clinical Sciences Building $ 37,000,000 ↑
3) El Paso Thermal Energy Plant & Parking Garage No. 1 $ 66,500,000 ↑
4) El Paso Parking Garage No. 2 $ 28,000,000
5) Real Property Purchase – El Paso (Adjacent to Main Campus) $ 10,000,000
6) Real Property Purchase – El Paso (Remote) $ 5,000,000
TOTAL................................................................................................................................. $ 240,900,000
Recommendation

- Approve the updated Texas Tech University Health Sciences Center El Paso Five-Year Capital Projects Plan and authorize the submission of Texas Tech University Health Sciences Center El Paso’s Capital Expenditure Plan (“MP1”) Summary Report to the Texas Higher Education Coordinating Board (“THECB”).
TTUSA - Capital Projects Plan

1) System Building  $ 27,500,000

TOTAL .............................................................................................................. $ 27,500,000

Recommendation

➤ Approve the updated Texas Tech University System Five-Year Capital Projects Plan and authorize the submission of Texas Tech University System's Capital Expenditure Plan (“MP1”) Summary Report to the Texas Higher Education Coordinating Board (“THECB”).
Angelo State University

Approve a project to construct a new Engineering Laboratories addition to the Vincent Building

*Michael S. Molina*
Scope of Work

- Construct an approximate 11,000 GSF addition to the east side of the Vincent Building. Project to include:
  - 4 laboratories
  - 1 office
  - Restrooms, and
  - Support spaces
- Install service drive accessible to 2 labs on the north side.
- Include equipment provisions and installation.
- Provide site work, landscape enhancements, and public art.

Proposed Project Budget

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Project Budget</td>
<td>$ 4,000,000</td>
</tr>
<tr>
<td>Construction</td>
<td>$ 2,908,500</td>
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<tr>
<td>Professional Services</td>
<td>$ 314,366</td>
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<tr>
<td>FF&amp;E / Other Items</td>
<td>$ 462,500</td>
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<tr>
<td>Administrative Cost</td>
<td>$ 19,650</td>
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<tr>
<td>Regents’ Rules</td>
<td>$ 80,000</td>
</tr>
<tr>
<td>(1% Public Art / 1% Landscape</td>
<td></td>
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<tr>
<td>Enhancements)</td>
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<tr>
<td>Contingency</td>
<td>$ 214,984</td>
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</tbody>
</table>

SCHEDULE - TBD
Recommendation

- Authorize to proceed with a project to plan, design, and construct an addition to the Vincent Building with a total project budget of $4,000,000 in order to support the Bachelor of Science with a major in Civil Engineering (BSCE) degree; report project to the Texas Higher Education Coordinating Board; complete the contract documents; and award a construction contract.

- The project will be funded with cash-in-hand from gifts.

Angelo State University

Approve naming of the Engineering Laboratories addition

Lisa Calvert
Recommendation

- Approve naming the Engineering Laboratories addition to the Vincent Building at Angelo State University the “Hunter Strain Engineering Laboratories.”
- The donor concurs with the naming of this facility.

Texas Tech University

Approve budget increase for Phase II of the renovation of the Engineering and Materials Research Center building

Michael S. Molina
Scope of Work

Phase II - renovation of the Engineering and Materials Research Center building will:

- Renovate the basement for the Joint User Materials Synthesis and Characterization Lab.
- Program the first & second floors as flexible research space along with associated offices for faculty and grad students, several meeting/conference rooms, one 50-seat lecture hall for distance education, as well as, upgraded classroom spaces.
- Provide accessible elevators and restrooms.
- Install new fire alarm & suppression systems.
- Improve energy efficiency through replacement of the roofing system and exterior windows.
- Include landscape enhancements, and
- Public art
### Phase I & Phase II Project Budget

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Project Budget</strong></td>
<td>$29,207,030</td>
</tr>
<tr>
<td>Stage I Demo &amp; Abatement*</td>
<td>$2,905,000</td>
</tr>
<tr>
<td>Construction</td>
<td>$20,251,012</td>
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<tr>
<td>Professional Services</td>
<td>$854,168</td>
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<tr>
<td>FF&amp;E / Other Items</td>
<td>$3,157,222</td>
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<tr>
<td>Administrative Cost</td>
<td>$362,453</td>
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<tr>
<td><strong>Regents’ Rules</strong></td>
<td>$1,214,683</td>
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<tr>
<td>(1% Public Art / 1% Landscape Enhancements / 2.4% FP&amp;C)</td>
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</tr>
<tr>
<td>Contingency</td>
<td>$462,492</td>
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</tbody>
</table>

*Previously Approved

### Schedule

- **Start Construction**: June 2015
- **Substantial Completion**: July 2016
- **Final Completion**: August 2016
Recommendation

- Authorize to proceed with Phase II to renovate the Engineering and Materials Research Center building; increase the project budget by $26,302,030 for a total project budget of $29,207,030; waive the use of a Construction Manager Agent; report project to the Texas Higher Education Coordinating Board; complete the contract documents; and amend the Design-Build contract.

- The project will be funded with $4.0M Higher Education Assistance Funds ("HEAF") cash, $7.5M cash Gifts, with the balance financed through the Revenue Finance System ("RFS") repaid with $7,302,030 HEAF, and $7.5M from Texas Research Incentive Program ("TRIP").

- The total project budget includes the previously approved budget of $2,905,000 ($486,160 cash and $2,418,840 HEAF cash).

Texas Tech University

Accept gift for and approve naming of the Engineering and Materials Research Center building

Lisa Calvert
Gift and Naming

- Accept charitable gift for the use and benefit of the University for the purpose of enhancing the research activities of the Jack Maddox and Donovan Maddox Distinguished Engineering Chairs (“Maddox Chairs”) as set forth in Gift Agreement.
  - Irrevocable pledge of $7.5 M paid to the University in one payment on or before July 15, 2015.
  - First & second floors are dedicated to and used exclusively by the Maddox Chairs for research purposes.
- The University acknowledges the Gift by naming the building the “Maddox Engineering Research Center”.

Recommendation

- Accept a gift for the benefit of the Engineering and Materials Research Center building in the Edward E. Whitacre, Jr. College of Engineering: $7,500,000 total gift from the J. F Maddox Foundation for the purpose of enhancing the research activities of the Jack Maddox and Donovan Maddox Distinguished Engineering Chairs and used by Texas Tech University in conjunction with the Edward E. Whitacre, Jr. College of Engineering to renovate the Engineering and Materials Research Center building for research purposes.
- Approve the naming of the Engineering and Materials Research Center building as the “Maddox Engineering Research Center” in recognition of J. F Maddox Foundation’s significant gifts. The donor concurs with the naming of this facility.
Texas Tech University

Approve establishment of a Stage I design budget for a new Residence Hall

Michael S. Molina
Scope of Work

- Provide conceptual site analysis on two separate sites for a new Residence Hall project.
- Project to create modern traditional style dormitory (two beds per room with common restroom facilities).
- Sites under consideration are:
  - Land north and west of West Village
  - Land adjacent to Murray Hall
- Site analysis will determine the development capacity of each site so the program can be further defined in terms of density, open space, and environmental quality.
- Previously listed on the MP1 as a $50M project, TTU is interested in exploring a $25-30M project.

Stage I – Design Budget

<table>
<thead>
<tr>
<th>Budget</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>0</td>
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<tr>
<td>Professional Services</td>
<td>350,000</td>
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<tr>
<td>FF&amp;E / Other Items</td>
<td>0</td>
</tr>
<tr>
<td>Administrative Cost</td>
<td>0</td>
</tr>
<tr>
<td>Regents’ Rules</td>
<td>0</td>
</tr>
<tr>
<td>(1% Public Art / 1% Landscape Enhancements)</td>
<td></td>
</tr>
<tr>
<td>Contingency</td>
<td>0</td>
</tr>
</tbody>
</table>
Recommendation

➤ Authorize to establish a Stage I design budget of $350,000 to provide conceptual site analysis for a new Residence Hall; and award a Design-Build contract.

➤ The design budget will be funded with University Student Housing funds (cash).

Texas Tech University

Approve naming of the TTU Research & Technology Park and the first building

Michael S. Molina
Recommendation

- Approve naming the master planned TTU Research & Technology Park the “Research Park” and that the first building, currently under construction, be named “TTU Innovation Hub.”

- Therefore, reference to this building would be “TTU Innovation Hub at Research Park.”
Texas Tech University

Report on Transit Master Plan

Noel Sloan

Eric Crouch

Texas Tech University System

Report on Facilities Planning and Construction projects

Michael S. Molina
## BOR Approved Capital Projects

<table>
<thead>
<tr>
<th>Campus</th>
<th>Projects</th>
<th>Budget</th>
<th>Cost</th>
<th>+/-</th>
</tr>
</thead>
<tbody>
<tr>
<td>TTU</td>
<td>40</td>
<td>$495,364,747</td>
<td>$483,749,094</td>
<td>-$11,615,653</td>
</tr>
<tr>
<td>HSC</td>
<td>6</td>
<td>$44,621,838</td>
<td>$44,463,267</td>
<td>-$158,571</td>
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<tr>
<td>ASU</td>
<td>4</td>
<td>$43,380,000</td>
<td>$41,503,826</td>
<td>-$1,876,174</td>
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<tr>
<td>TOTAL</td>
<td>50</td>
<td>$583,366,585</td>
<td>$569,716,187</td>
<td>-$13,650,398</td>
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</tbody>
</table>

### -3%
(Cost Avoidance / Debt Reduction)
Jones AT&T Stadium SE 1st Floor-Ticket Office

- Project Budget - $1,650,000 / 6,691 GSF

Completion Date: July 2015

Jones AT&T Stadium North End Zone Building Renovations

- Project Budget - $3,750,000 / 10,505 GSF

Completion Date: July 2015
Jones AT&T Stadium Seating Replacement & Concrete Repairs

➤ Project Budget - $3,800,000

Completion Date: August 2015

Rawls College of Business Administration Addition

➤ Project Budget - $15,000,000 / 38,000 GSF

Completion Date: July 2016
Rawls Golf Course Entry

- Project Budget - $130,000

Completion Date: February 2015

College of Human Sciences Life Safety Upgrade

- Project Budget - $9,650,000 / 166,674 GSF

Completion Date: August 2015
United Supermarkets Arena Renovation

- Project Budget - $5,050,000 / 25,451 GSF

Completion Date: November 2015

Campus Beautification – Phase I

- Project Budget - $2,500,000

Completion Date: February 2015
Campus Beautification – Phase II

- Project Budget - $2,450,000

Completion Date: Spring 2015

Bayer Plant Science Building

- Project Budget - $14,340,000 / 21,122 GSF

Completion Date: July 2015
Research & Technology Park – Phase I

- Project Budget - $29,045,000 / 41,000 GSF

Completion Date: May 2015

Engineering & Materials Research Center Renovation

- Project Budget - $29,207,030 / 73,649 GSF

Completion Date: August 2016
Bayer CropScience – Seeds Innovation Center Research & Development / Trait Development

- Project Budget - $19,316,135 / 74,990 GSF

Completion Date: December 2014

Completion Date: May 2015

The Larry Combest Community Health and Wellness Center Expansion

- Project Budget - $5,108,500 / 10,861 GSF

Completion Date: June 2015
Texas Tech University System

Public Art – Installed

TTUHSC El Paso – Gayle Greve Hunt School of Nursing
Andrea Wasserman & Elizabeth Billings (Vershire, VT) $145,000
Texas Tech University System

Public Art – In Progress
Bayer CropScience – Seeds Innovation Center
Research & Development / Trait Development
Aaron Stephan (Portland, ME)

“Lubbock Lights”
$170,000
Late May 2015 installation

Campus Beautification, donated Zeus sculpture
$25,000
May 2015 installation
Bayer Plant Science Building
Rebecca Thompson (Los Angeles, CA)

$136,000
July 2015 installation
Biology Building
Julian Voss-Andreae (Portland, OR)

$77,000
July 2015
installation
Research Park
Marco Cianfanelli (Melville, South Africa)