



TEXAS TECH UNIVERSITY SYSTEM™



Facilities Committee

Michael S. Molina

Vice Chancellor - Facilities Planning & Construction

May 14, 2015

Angelo State University

Item 1

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

Michael S. Molina

ASU - Capital Projects Plan

1) Engineering Laboratories Addition (New)	\$ 4,000,000	
2) College of Health and Human Services	\$ 27,141,000	↑
3) Academic Building Renovation and Addition	\$ 24,788,000	↑
TOTAL.....	\$ 55,929,000	

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

1) Research Building (ESB II)	\$ 97,700,000	
2) College of Engineering Expansion/Renovation (Ph II)	\$ 67,600,000	
3) Former Petroleum Engineering 2 nd Floor Renovation (New)	\$ 5,000,000	
4) Utility Infrastructure Upgrade Phase II	\$ 6,750,000	
5) Wiggins Fire/Kitchen Restoration (New)	\$ 2,500,000	
6) Engineering and Materials Research Center Building Renovation (former Mass Communication Building)	\$ 29,207,030	↓
7) New Residence Hall	\$ 30,000,000	↓
8) Wall/Gates Window and Restroom Renovations	\$ 6,550,000	
9) Museum Life Safety Upgrade & Air Management Replacement	\$ 6,000,000	↑
10) Weeks Hall Abatement and Renovation	\$ 24,200,000	

TTU - Capital Projects Plan (cont.)

11) Sports Performance Complex (2 combined projects) (within the Edward E. Whitacre Jr Athletic Complex)	\$ 45,000,000	↓
12) Jones AT&T Stadium South End Zone Renovation	\$ 41,000,000	↓
13) College of Visual & Performing Arts - Phase I Charles Maedgen Theatre (New)	\$ 24,700,000	
14) Doak Hall Renovation and Life Safety Upgrade	\$ 19,400,000	
15) Agriculture Sciences Renovation	\$ 10,000,000	↑
16) Library Life Safety Upgrade	\$ 6,400,000	
17) KTTZ Facility Renovation + Studio Addition* (New)	\$ 6,000,000	
18) Research Building II in Research Park	\$ 30,000,000	↑
19) Utility Infrastructure Upgrade Phase III	\$ 7,000,000	

**Not on 2014 Master Plan update*

TTU - Capital Projects Plan (cont.)

20) Jones AT&T Stadium East Side Building Finish-Out	\$ 20,000,000	↓
21) Football Training Facility Renovations	\$ 2,000,000	↓
22) Animal Biosafety Level 3 Facility in Research Park	\$ 6,500,000	
23) New Data Center	\$ 21,000,000	
24) Real Property Purchase	\$ 6,000,000	
25) Research Building III in Research Park	\$ 30,000,000	
26) College of Visual & Performing Arts - Phase II (New)	\$ 20,500,000	
27) New Music Building (New)	\$ 101,500,000	
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 3 rd 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.)

21) Real Property Purchase – Abilene	\$	5,000,000
22) Real Property Purchase – Dallas	\$	8,500,000
23) Real Property Purchase – Amarillo	\$	3,000,000
24) Real Property Purchase – Permian Basin	\$	3,000,000
25) Lubbock Institute on Aging	\$	40,250,000 ↓
TOTAL.....	\$	486,050,000

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").

Texas Tech University Health Sciences Center
El Paso

Item 4

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

Michael S. Molina

TTUHSC El Paso - Capital Projects Plan

Item 4

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").

Texas Tech University System Administration

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

Michael S. Molina

TTUSA - Capital Projects Plan

1) System Building	\$ 27,500,000
TOTAL.....	\$ 27,500,000

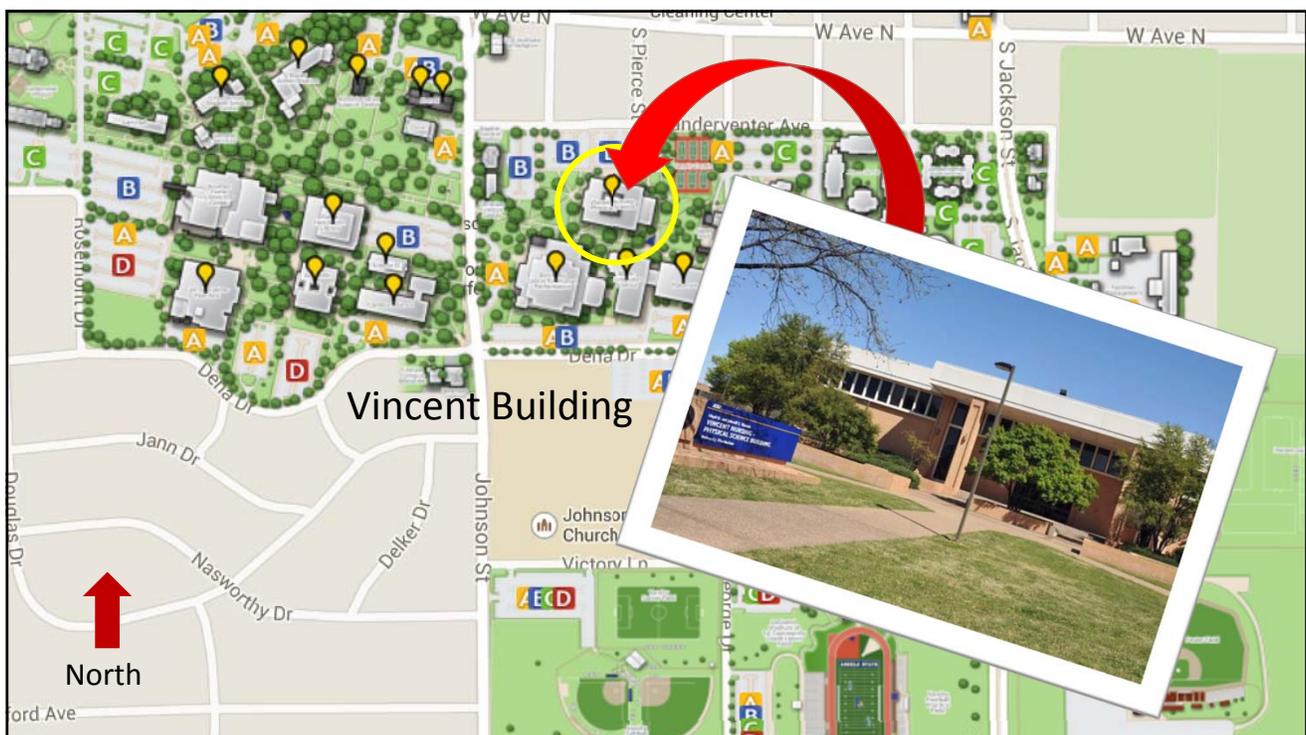
Recommendation

- 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

Total Project Budget \$ 4,000,000

Construction	\$ 2,908,500
Professional Services	\$ 314,366
FF&E / Other Items	\$ 462,500
Administrative Cost	\$ 19,650
<i>Regents' Rules</i>	\$ 80,000
(1% Public Art / 1% Landscape Enhancements)	
Contingency	\$ 214,984

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

Item 8

- 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

<u>Total Project Budget</u>	\$	<u>29,207,030</u>
Stage I Demo & Abatement*	\$	2,905,000
Construction	\$	20,251,012
Professional Services	\$	854,168
FF&E / Other Items	\$	3,157,222
Administrative Cost	\$	362,453
<i>Regents' Rules</i>	\$	1,214,683
<small>(1% Public Art / 1% Landscape Enhancements / 2.4% FP&C)</small>		
Contingency	\$	462,492

**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

<u>Budget</u>	\$	350,000
Construction	\$	0
Professional Services	\$	350,000
FF&E / Other Items	\$	0
Administrative Cost	\$	0
<i>Regents' Rules</i>	\$	0
(1% Public Art / 1% Landscape Enhancements)		
Contingency	\$	0

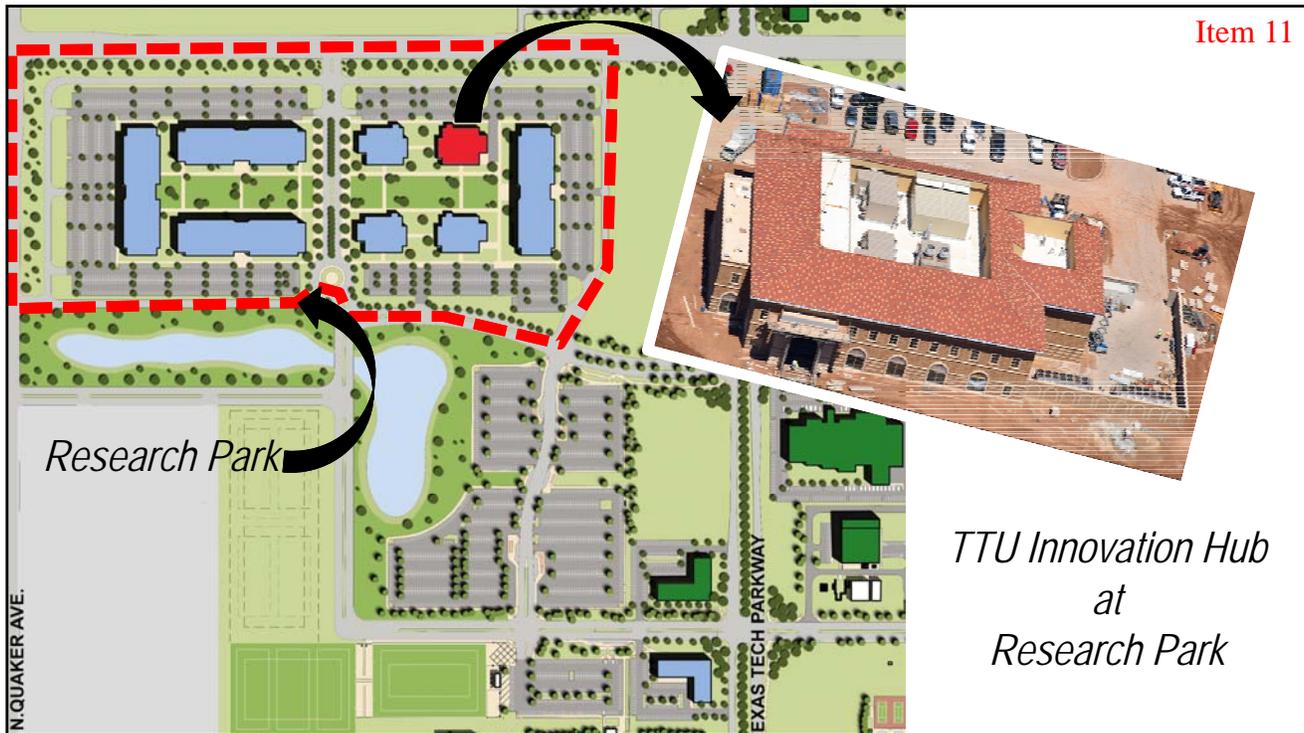
Recommendation

- 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



*TTU Innovation Hub
at
Research Park*

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.*"

Item 12

Texas Tech University

Report on Transit Master Plan

Noel Sloan

Eric Crouch

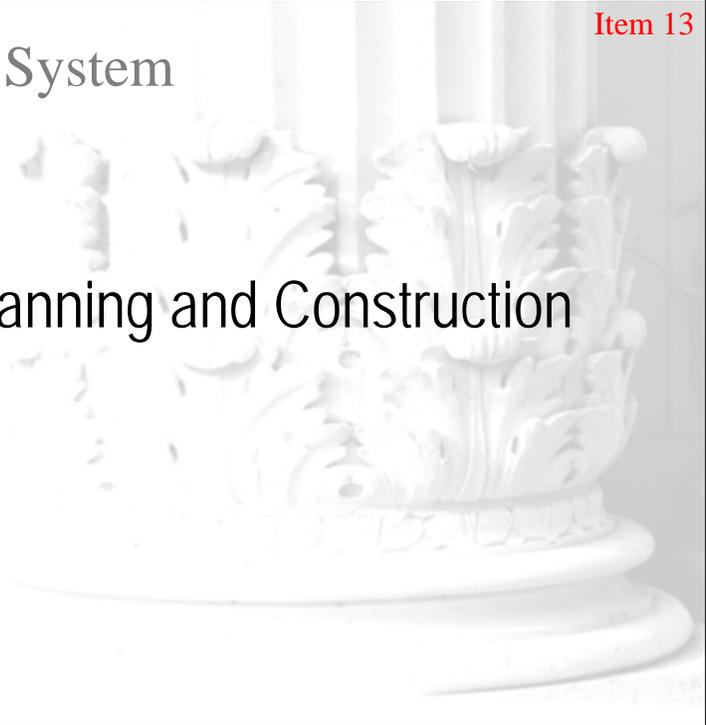


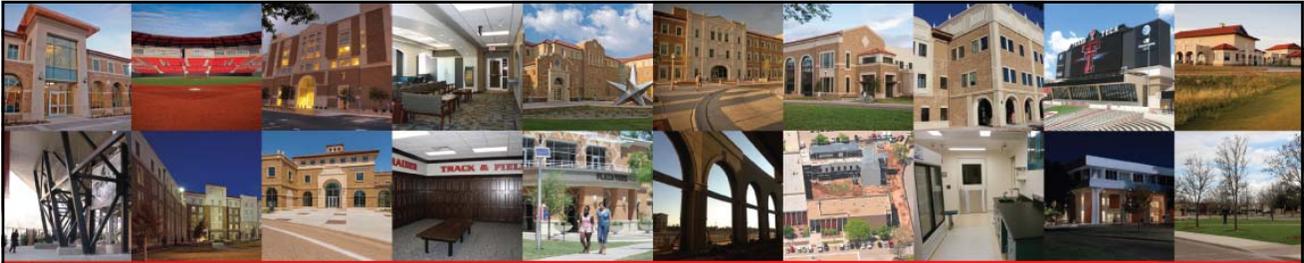
Item 13

Texas Tech University System

Report on Facilities Planning and Construction projects

Michael S. Molina





FIVE-YEAR PORTFOLIO

April 2010 – April 2015



BOR Approved Capital Projects

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

-3%

(Cost Avoidance / Debt Reduction)



Jones AT&T Stadium SE 1st Floor-Ticket Office

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

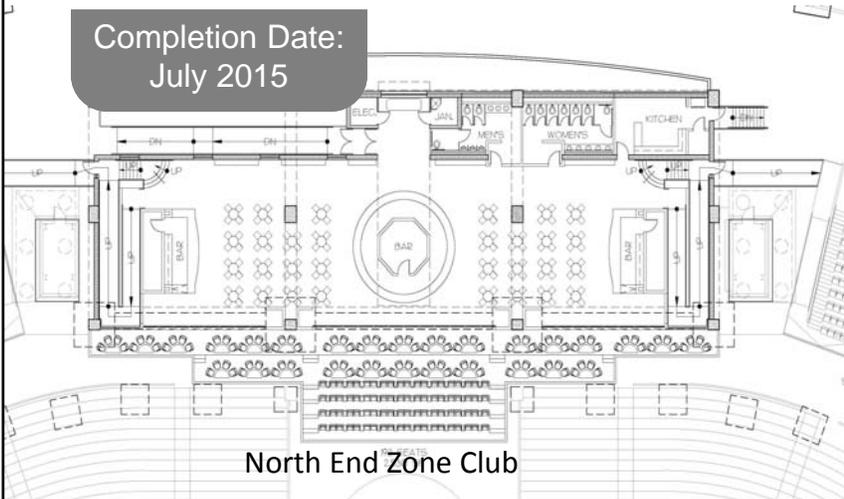
Completion Date:
July 2015



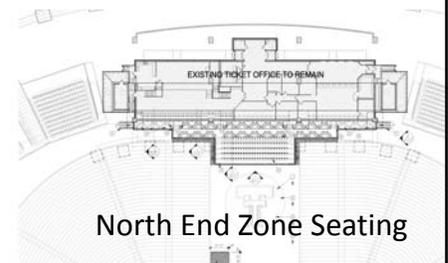
Jones AT&T Stadium North End Zone Building Renovations

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

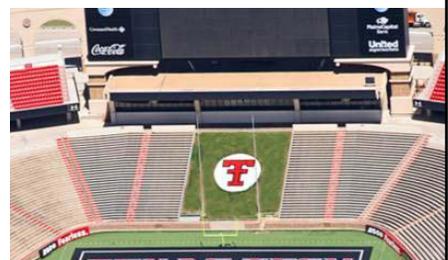
Completion Date:
July 2015



North End Zone Club



North End Zone Seating



Jones AT&T Stadium Seating Replacement & Concrete Repairs

Item 13

➤ Project Budget - \$3,800,000

Completion Date:
August 2015



Rawls College of Business Administration Addition

Item 13

➤ 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



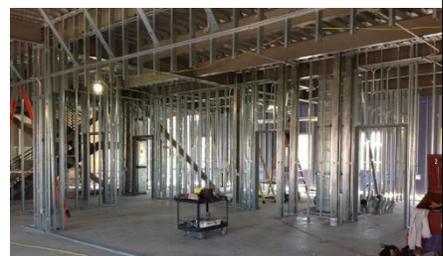
Campus Beautification – Phase II

➤ Project Budget - \$2,450,000



Bayer Plant Science Building

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



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

Item 13

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



The Larry Combest Community Health and Wellness Center Expansion

Item 13

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



Item 13

Texas Tech University System

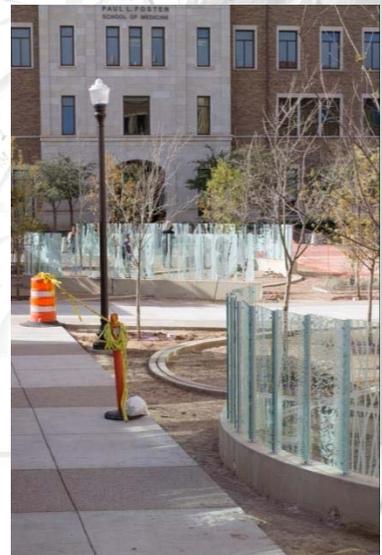
Public Art – Installed



Item 13

TTUHSC El Paso – Gayle Greve Hunt School of Nursing

Andrea Wasserman & Elizabeth Billings (Vershire, VT) \$145,000

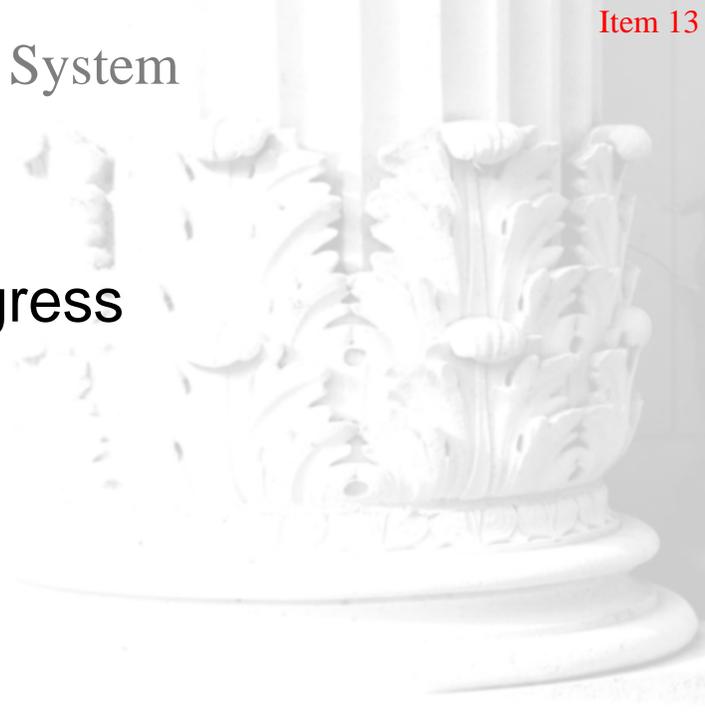




Texas Tech University System

Item 13

Public Art – In Progress



Item 13

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



“Lubbock Lights”

\$170,000

Late May 2015
installation

Item 13

Campus Beautification, *donated Zeus sculpture*

\$25,000

May 2015 installation



Bayer Plant Science Building
Rebecca Thompson (Los Angeles, CA)



Cut sandstone quarried from Texas, bronze rainwater channel feeds water to plant source

\$136,000

July 2015 installation

Bayer Plant Science Building
Rebecca Thompson (Los Angeles, CA)



Item 13

Biology Building
Julian Voss-Andreae (Portland, OR)



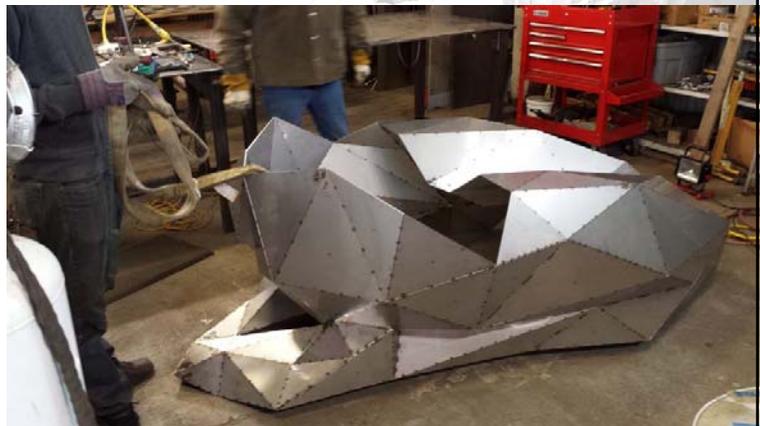
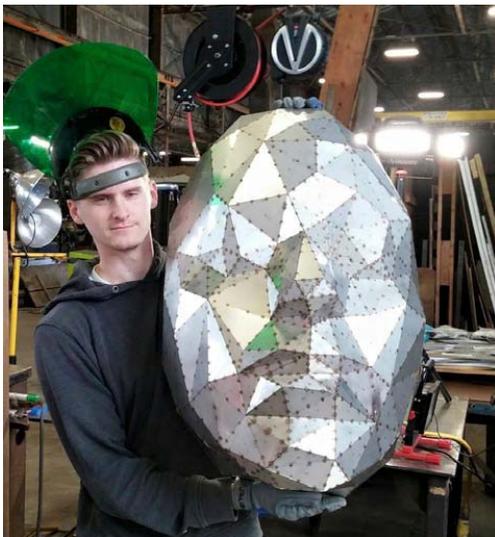
\$77,000

July 2015
installation



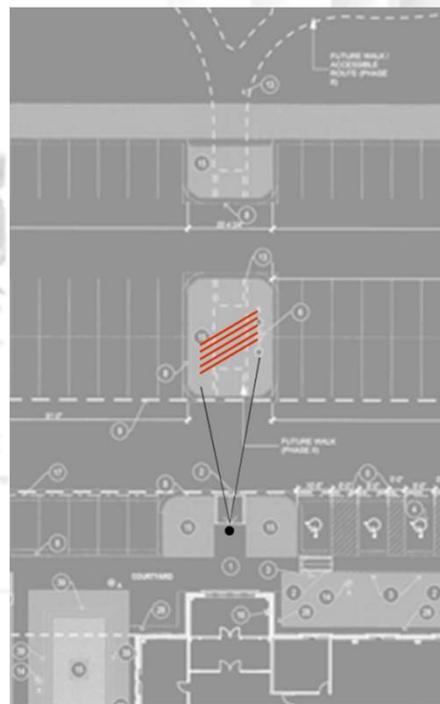
Item 13

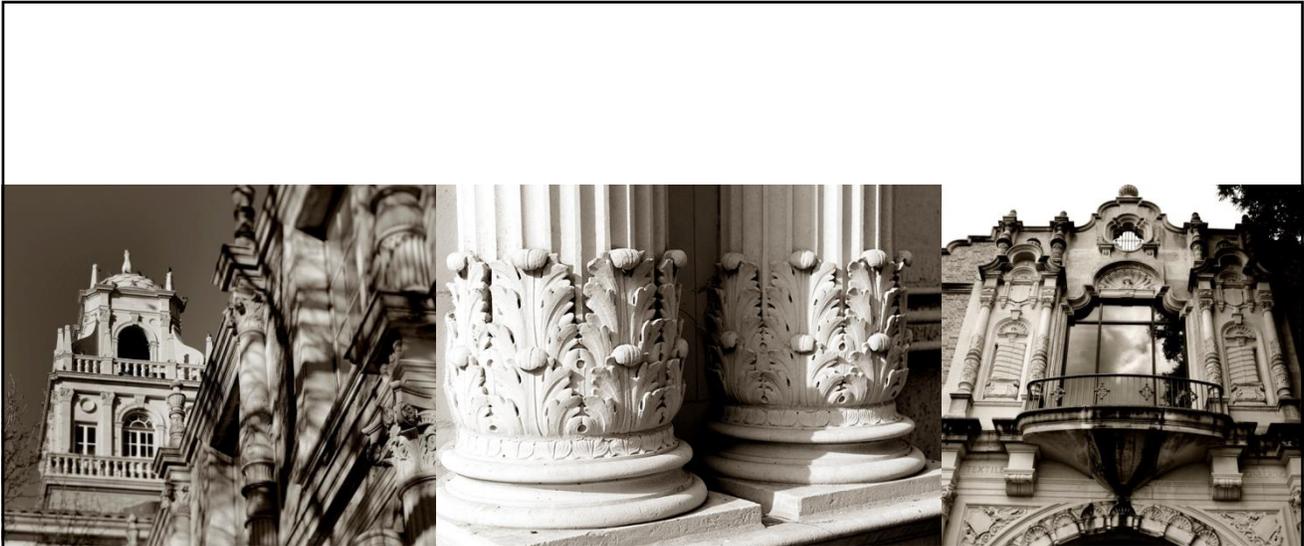
Biology Building
Julian Voss-Andreae (Portland, OR)



Research Park

Marco Cianfanelli (Melville, South Africa)





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