



TEXAS TECH UNIVERSITY SYSTEM™



## Facilities Committee

*Michael S. Molina*

*Vice Chancellor - Facilities Planning & Construction*

May 15, 2014

Angelo State University

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

*Michael S. Molina*

# ASU - Capital Projects Plan

1) College of Health and Human Services	\$ 26,700,000
2) Cavness Science Building Renovation	\$ 33,700,000
3) Academic Building Renovation and Addition	\$ 23,900,000
4) Carr Hall Office Space Renovation	\$ 4,200,000
5) Engineering Classroom Building	\$ 10,200,000
6) Synthetic Turf Intramural Recreation Fields	\$ 1,900,000
7) Dr. Robert and Jean Ann LeGrand Multi-Sports Complex Improvements	<u>\$ 1,400,000</u>
TOTAL.....	\$ 102,000,000

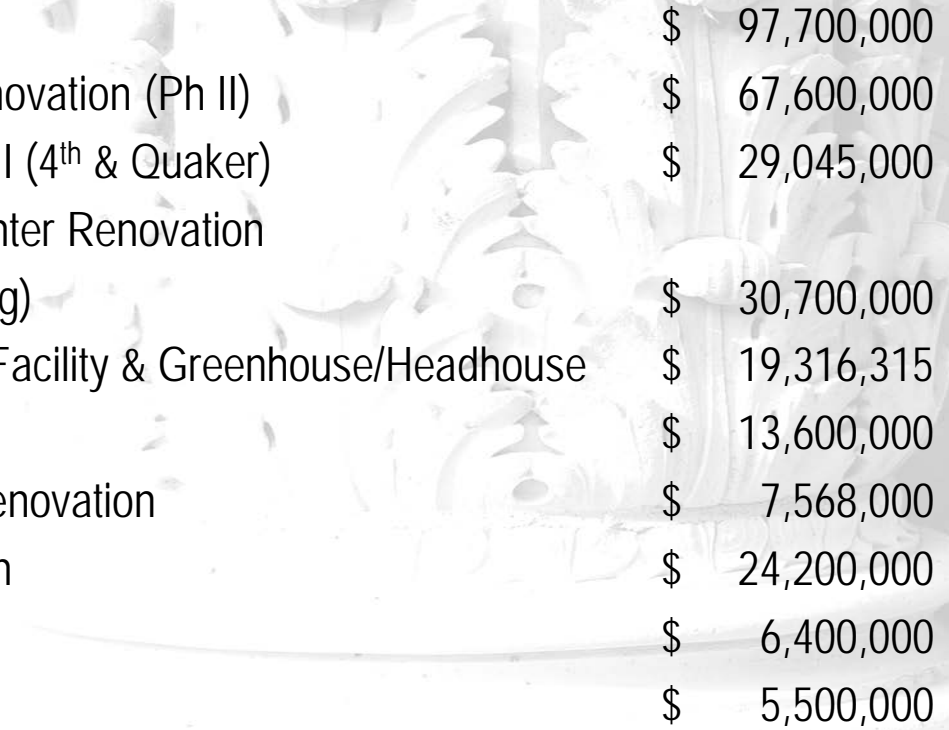
Texas Tech University

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) Research & Technology Park – Phase I (4 <sup>th</sup> & Quaker)	\$ 29,045,000
4) Engineering & Materials Research Center Renovation (former Mass Communication Building)	\$ 30,700,000
5) University College Building Research Facility & Greenhouse/Headhouse	\$ 19,316,315
6) Plant & Soil Sciences Building	\$ 13,600,000
7) Stangel/Murdough Residence Halls Renovation	\$ 7,568,000
8) Weeks Hall Abatement and Renovation	\$ 24,200,000
9) Library Life Safety Upgrade	\$ 6,400,000
10) Museum Life Safety Upgrade	\$ 5,500,000

# TTU - Capital Projects Plan (cont.)

11) Doak Hall Renovation and Life Safety Upgrade	\$ 19,400,000
12) Agriculture Sciences Renovation	\$ 9,700,000
13) Utility Infrastructure Upgrade Phase II	\$ 6,750,000
14) Indoor Football Practice Facility	\$ 28,000,000
15) United Spirit Arena Renovations	\$ 4,300,000
16) Synthetic Turf Intramural Recreation Fields	\$ 5,785,000
17) Rawls College of Business Addition	\$ 15,000,000
18) South End Zone Renovation	\$ 65,000,000
19) Wall/Gates Residence Halls Renovation	\$ 6,550,000
20) Research Building II in Research Park	\$ 25,000,000
21) Utility Infrastructure Upgrade Phase III	\$ 7,000,000

# TTU - Capital Projects Plan (cont.)

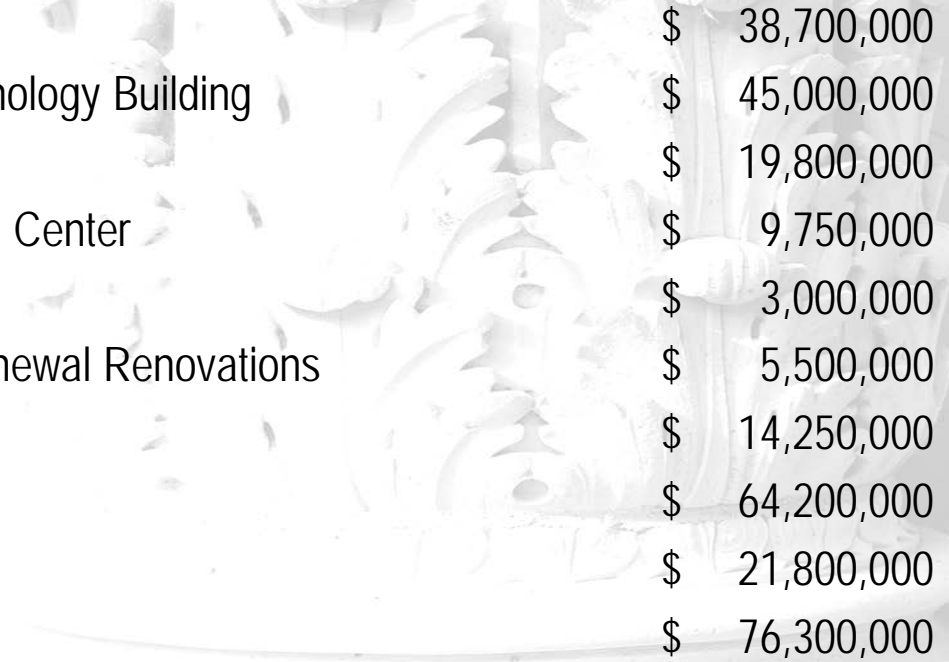
22) New Residence Hall II	\$ 50,000,000
23) Athletic Facilities Upgrades	\$ 22,000,000
24) Football Training Facility Renovations	\$ 24,700,000
25) Indoor Track Facility	\$ 45,600,000
26) Animal Biosafety Level 3 Facility in Research Park	\$ 6,500,000
27) New Data Center	\$ 21,000,000
28) Real Property Purchase	\$ 6,000,000
29) Research Building III in Research Park	<u>\$ 30,000,000</u>
TOTAL.....	\$ 699,914,315

# 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) Abilene School of Pharmacy Addition	\$ 3,000,000
6) Various Facility Modernization and Renewal Renovations	\$ 5,500,000
7) Abilene Campus Expansion	\$ 14,250,000
8) Lubbock VA Clinic	\$ 64,200,000
9) Clinical & Academic Expansion (HCC)	\$ 21,800,000
10) Dental School Building	\$ 76,300,000

# TTUHSC - Capital Projects Plan (cont.)



11) Lubbock LARC Expansion & Upgrades	\$ 18,300,000
12) Lubbock Thermal Energy Plant & Parking Garage	\$ 45,000,000
13) Lubbock Infrastructure Improvements	\$ 5,000,000
14) Lubbock Childcare Center	\$ 7,700,000
15) Lubbock Preston Smith Library Basement Build Out	\$ 6,400,000
16) Amarillo – Student Synergistic Center	\$ 6,000,000
17) Odessa Clinic Building 3 <sup>rd</sup> Floor Expansion	\$ 2,600,000
18) Amarillo Renovate Women’s Health & Research Institute	\$ 22,400,000
19) SW SOP Dallas Renovation	\$ 4,200,000
20) Jenna Welch Expansion	\$ 4,200,000



# TTUHSC - Capital Projects Plan (cont.)

21) Real Property Purchase – Lubbock	\$ 5,000,000
22) Real Property Purchase – Abilene	\$ 5,000,000
23) Real Property Purchase – Dallas	\$ 8,500,000
24) Real Property Purchase – Amarillo	\$ 3,000,000
25) Real Property Purchase – Permian Basin	\$ 3,000,000
26) Lubbock Institute on Aging	<u>\$ 40,700,000</u>
TOTAL.....	\$ 485,300,000

# Texas Tech University Health Sciences Center at El Paso

Item 4

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

*Michael S. Molina*

# TTUHSC at El Paso - Capital Projects Plan

1) El Paso Medical Science Building II	\$ 84,400,000
2) El Paso Clinical Sciences Building	\$ 34,400,000
3) El Paso Thermal Energy Plant & Parking Garage No. 1	\$ 45,000,000
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)	<u>\$ 5,000,000</u>
TOTAL.....	\$ 206,800,000

# 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



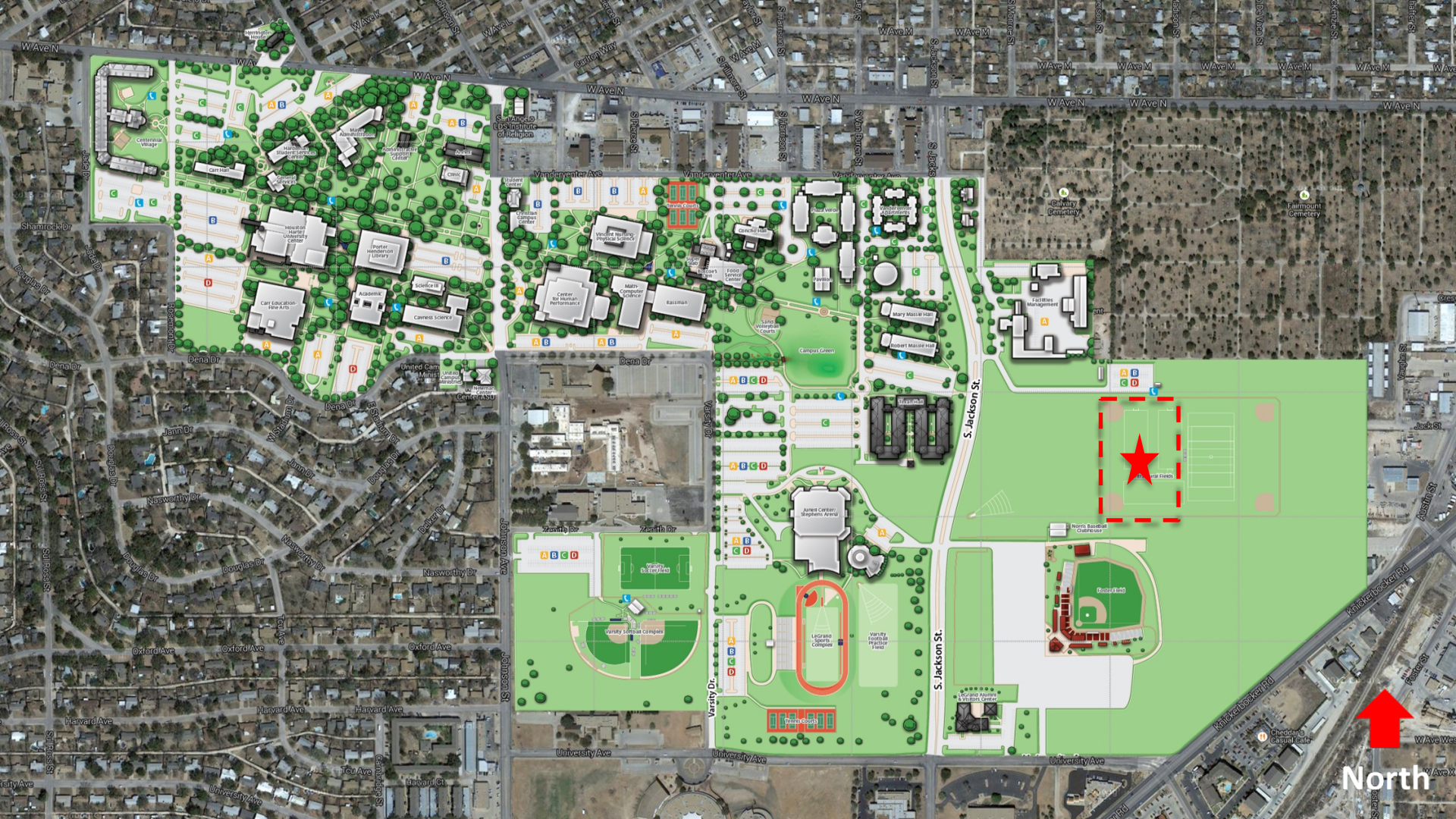
1) New System Office Building	\$ <u>27,500,000</u>
TOTAL.....	\$ 27,500,000

Angelo State University

Approve use of Revenue Finance System to  
install Synthetic Turf on the Intramural Fields

*Michael S. Molina*





North

# Scope of Work

- Conversion of a natural grass field to Matrix® Synthetic Turf
- Field size of 375 ft. x 600 ft. will provide for the following sports:
  - Soccer
  - Rugby
  - Flag Football
  - 4 on 4 Flag Football
  - Softball
- New site utilities required to serve the synthetic turf field
- Repair to any existing utilities damaged during construction
- Conversion is necessary due to the extreme drought conditions and inability to water due to water restrictions



# Recommendation

- Authorize the president to use the Revenue Finance System to fund the installation of synthetic turf on the Angelo State University's Intramural Fields with a total project budget of \$1,900,000 and award a construction contract.
- The Revenue Finance System's debt service will be repaid with Outdoor Facility Conservation Fee. The debt will be repaid over a seven (7) year period.

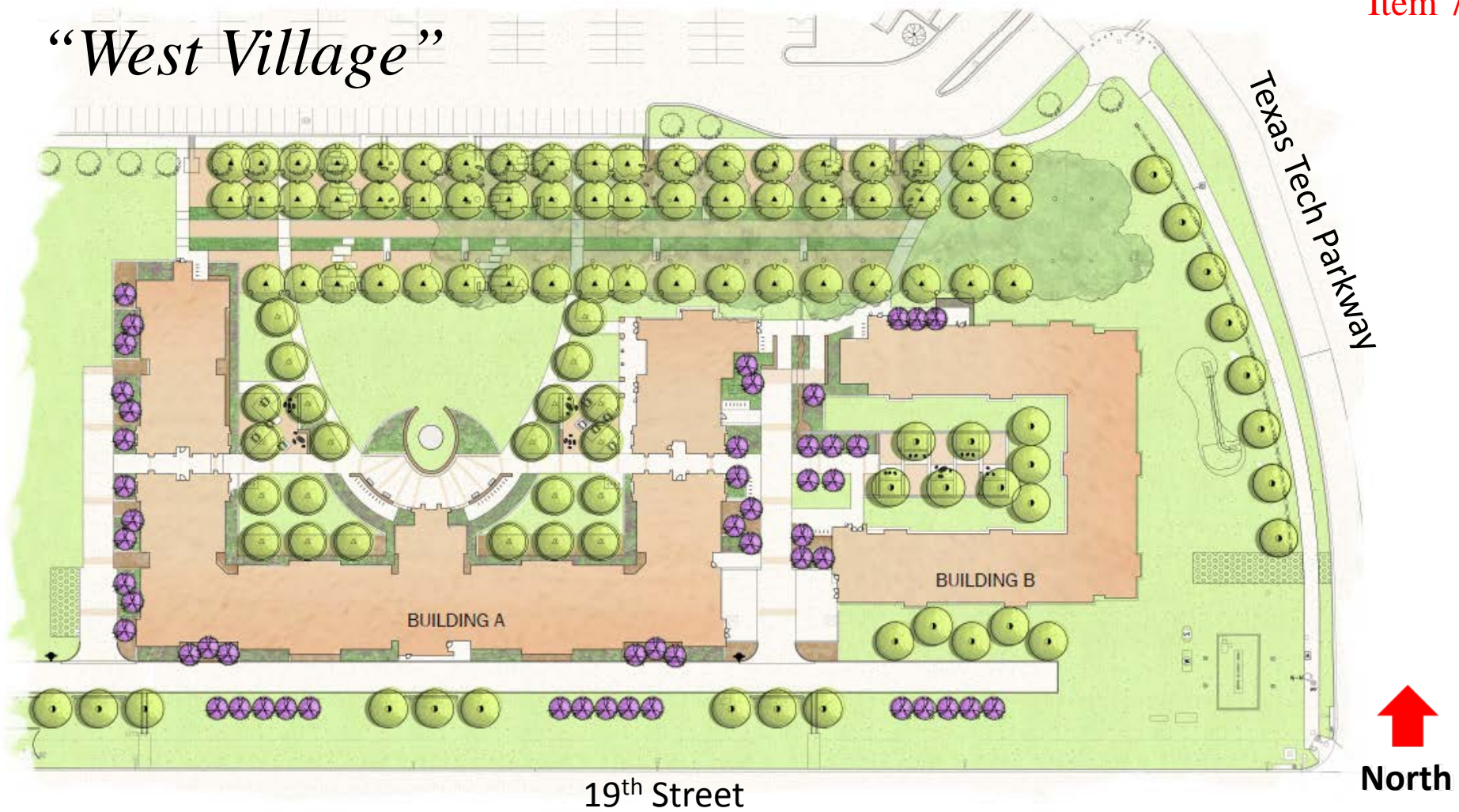
Texas Tech University

# Approve naming of the New Student Housing Complex

*Michael S. Molina*



# “West Village”



19<sup>th</sup> Street

Texas Tech Parkway

North

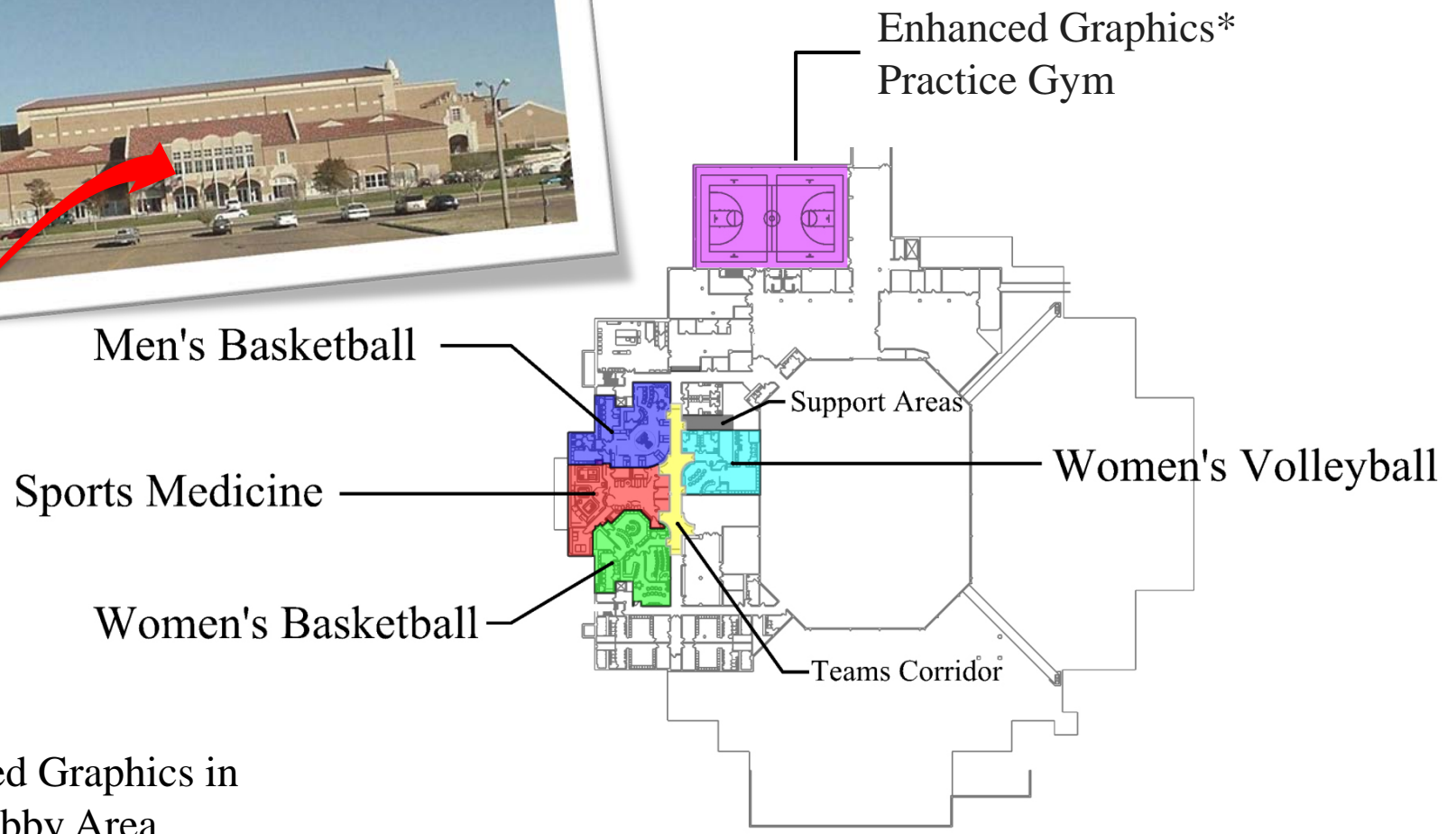
Texas Tech University

Approve a project to renovate the  
United Spirit Arena

*Michael S. Molina*







\*Enhanced Graphics in West Lobby Area

# Scope of Work

- Renovations to include:
  - Men's Basketball locker room and team film/lounge area
  - Women's Basketball locker room and team film/lounge area
  - Women's Volleyball locker room and team film/lounge area
  - Sports Medicine/Training and nutrition area
- Enhanced graphics in the west entry lobby and practice gym

# Project Budget

Total Project Budget \$ 4,300,000

Construction \$ 3,100,000

Professional Services \$ 293,000

FF&E \$ 338,815

Administrative Cost \$ 14,000

BOR Direct Fees\* \$ 206,844

Contingency \$ 347,341

*\* Board directed fees of landscape enhancements and public art waived*

# Recommendation

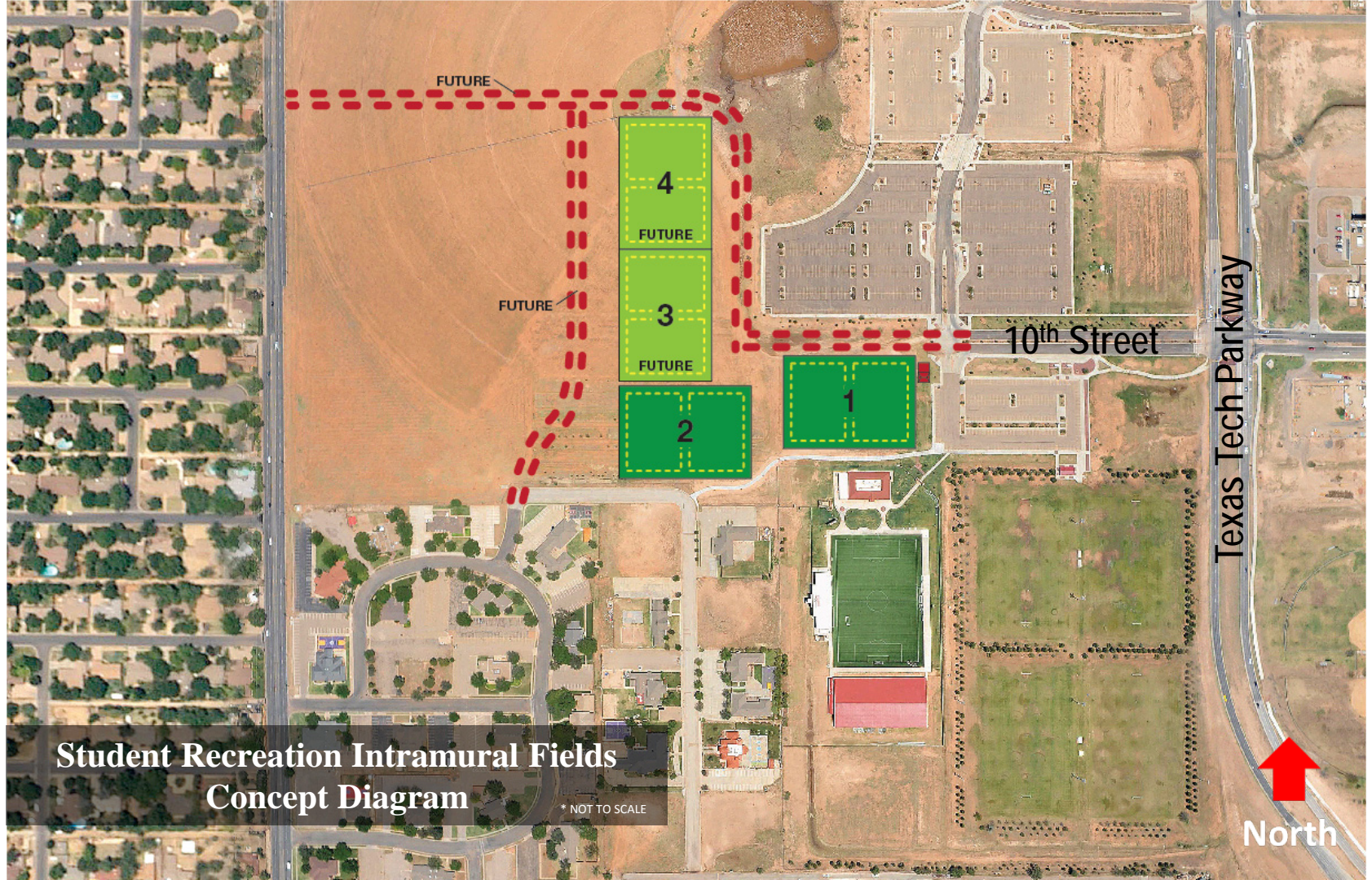
- Authorize to proceed with a project to plan, design and renovate the United Spirit Arena with a project budget of \$4,300,000; waive the board directed fees for landscape enhancements and public art; report project to the Texas Higher Education Coordinating Board; and award a design-build contract.
- The project will be funded with taxable debt through the Revenue Finance System repaid with funds from naming agreement. The design budget of \$4,300,000 includes the previously approved budget of \$325,000 (cash).

Texas Tech University

Approve a project to construct new Synthetic  
Turf Intramural Recreation Fields

*Michael S. Molina*





FUTURE

4

FUTURE

3

FUTURE

2

1

10<sup>th</sup> Street

Texas Tech Parkway

**Student Recreation Intramural Fields  
Concept Diagram**

\* NOT TO SCALE

North



# Scope of Work

- Two (2) new synthetic turf fields
- Office / Maintenance Building at 1,100 GSF
  - Office
  - Field Equipment Storage
  - Field Maintenance Equipment Storage
  - Extended roofline to provide a shaded area
- Site utilities, 8 foot high fence, field lighting, and wind break landscaping
- Drainage channel to funnel storm water to the playa lake and provide protection for the new synthetic turf fields

# Project Budget

Total Project Budget \$ 5,785,000

Construction \$ 4,810,000

Professional Services \$ 512,000

FF&E \$ 50,000

Administrative Cost \$ 43,163

BOR Direct Fees\* \$ 219,837

Contingency \$ 150,000

*\* Board directed fees of landscape enhancements and public art waived*

# Recommendation

- Authorize to proceed with a project to construct the New Synthetic Turf Intramural Recreation Fields with a project budget of \$5,785,000; waive the board directed fees for landscape enhancement and public art; report the project to the Texas Higher Education Coordinating Board; complete the contract documents; and award a construction contract.
- The project will be funded with the Revenue Finance System repaid with Student Recreation Fees as passed by Texas Tech University student referendum on February 27, 2014. The debt will be repaid over a seven (7) year period.

# Texas Tech University System Administration

Approve a project to construct a  
New System Office building

*Michael S. Molina*





# Proposed New System Building Site Location



Marsha Sharp Frwy

New Student  
Housing Complex

North

# Scope of Work

- Consolidate System offices in one location to house approximately 200 System employees
- New facility will include:
  - Office suites and support spaces
  - Shared conference rooms and copy/coffee/service areas
  - Board of Regents' Office and public meeting rooms
- Extension of site utilities, surface parking, Landscape Enhancements and Public Art

# Project Budget

Total Project Budget \$ 27,500,000

Construction \$ 20,000,000

Site Utilities & Surface Parking \$ 1,200,000

Professional Services \$ 2,200,000

FF&E \$ 1,920,000

Administrative Cost \$ 185,000

BOR Direct Fees \$ 1,403,000

Contingency \$ 592,000



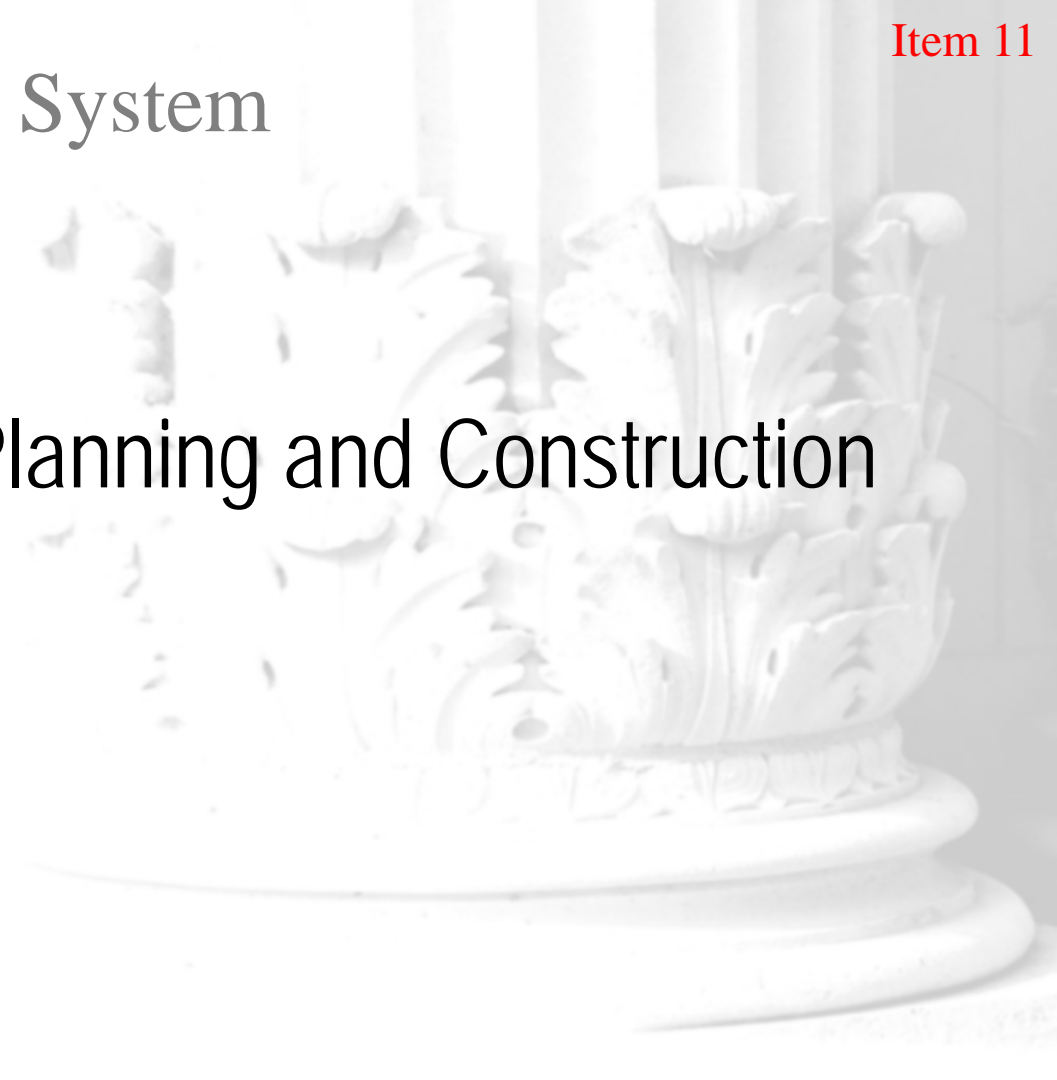
# Recommendation

- Authorize to proceed with a project to construct a New System Office Building with a project budget of \$27,500,000; report project to the Texas Higher Education Coordinating Board; complete the contract documents; and award construction contract.
- The project will be funded through the Revenue Finance System to be repaid with funding by the Texas Tech University System components.

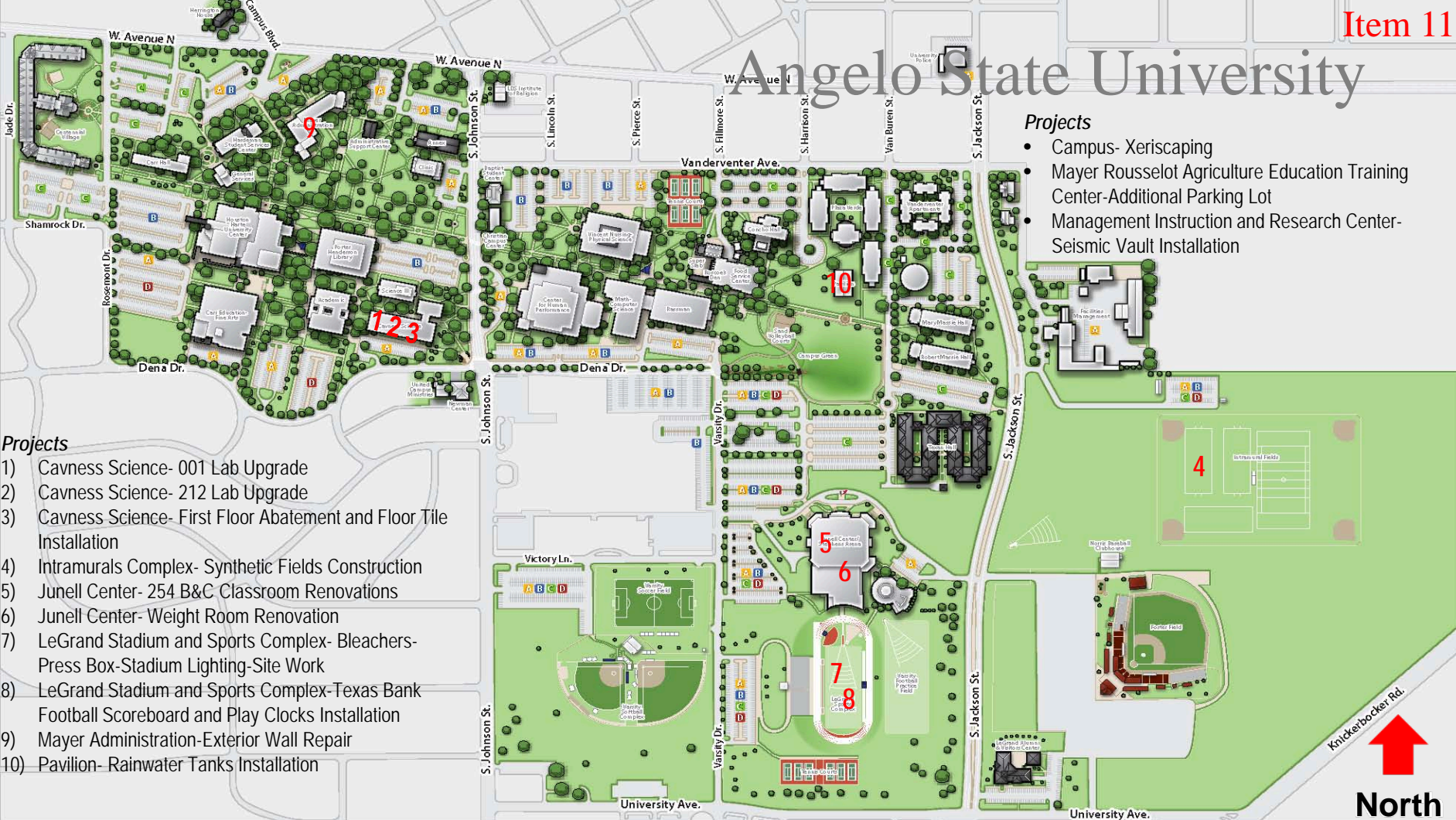
# Texas Tech University System

## Report on Facilities Planning and Construction projects

*Michael S. Molina*



# Angelo State University



### Projects

- Campus- Xeriscaping
- Mayer Rousselot Agriculture Education Training Center-Additional Parking Lot
- Management Instruction and Research Center- Seismic Vault Installation

### Projects

- 1) Cavness Science- 001 Lab Upgrade
- 2) Cavness Science- 212 Lab Upgrade
- 3) Cavness Science- First Floor Abatement and Floor Tile Installation
- 4) Intramurals Complex- Synthetic Fields Construction
- 5) Junell Center- 254 B&C Classroom Renovations
- 6) Junell Center- Weight Room Renovation
- 7) LeGrand Stadium and Sports Complex- Bleachers- Press Box-Stadium Lighting-Site Work
- 8) LeGrand Stadium and Sports Complex-Texas Bank Football Scoreboard and Play Clocks Installation
- 9) Mayer Administration-Exterior Wall Repair
- 10) Pavilion- Rainwater Tanks Installation



North



# Stangel/Murdough Residence Halls Renovations

➤ Project Budget - **\$4,555,000** / 94,815 GSF



## Stangel Hall

- Refurbish Dining Hall
- Window Replacement
- Bathroom Renovations
- Carpet and Tile in the South Seating Area

# Stangel/Murdough Renovations

➤ Project Budget - **\$2,963,000** / 117,605 GSF



## Murdough Hall

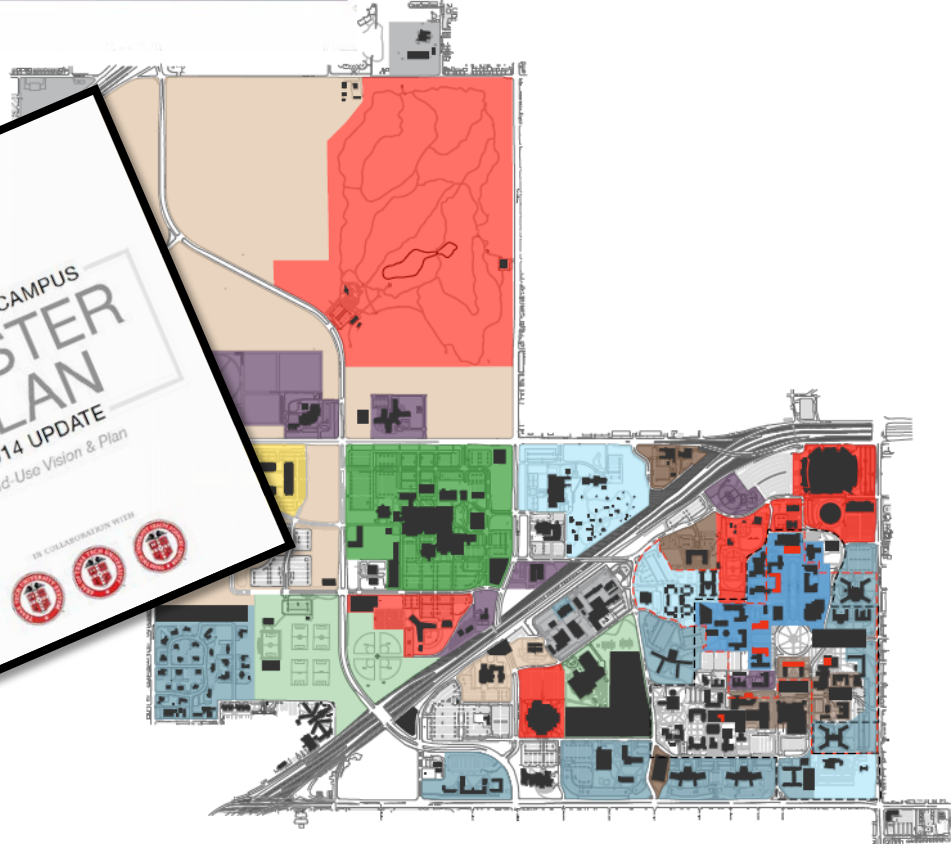
- Bathroom Renovations
- Window Replacement

# TTU / TTUHSC Master Plan Update

## CAMPUS DISTRICTS

### LEGEND

- Historic District
- Academic
- Administration + Student Services
- Agricultural
- Athletics
- Cultural
- Engineering
- Healthcare
- Maintenance Facilities
- Recreational Sports
- Research
- Residence Halls
- Property Lease
- Buildings
- Historic Buildings





# TTU / TTUHSC Master Plan Update

## History

### INTRODUCTION

In October 2012, under the direction of the Chancellor and the Board of Regents, the TTU/TTUHSC Master Planning Committee was formed and charged with incorporating the current Master Plan and Land Use Map, the TTU and TTUHSC Strategic Plans and the TTUS Infrastructure & Service Planning Committee Conclusions an update to the developed master plan and land use map for the two campuses, with regard to the goals of 2020 and beyond. Texas Tech embarked on a comprehensive update to the 1997 campus master plan, in conjunction with the institution's 2014 Strategic Plan.

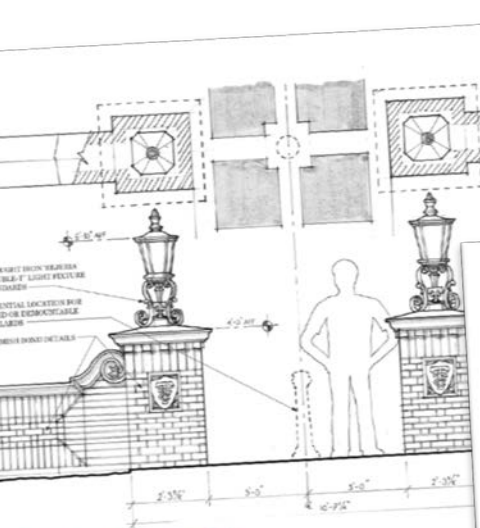
In the seventeen years since the adoption of the 1997 Campus Master Plan there have been amendments and changes regarding residence halls, chapel, golf course, College of Business, and recently discussions of retail initiatives. The committee had to reorientize and focus on determining the best use for Texas Tech's land endowment with regard to the strategic plans. "Making it possible... 2015-2020 Strategic Plan" offers a framework for the vision and mission of Texas Tech University over the next decade. Therefore, this master plan update is our road map for achieving national research/Tier One status and for placing Texas Tech in the category as one of the best institutions of higher education in the United States.

Texas Tech has experienced: increasing number of students, transfer students, and community college partnerships, along with the modifications in the delivery of education at colleges and universities. All of these

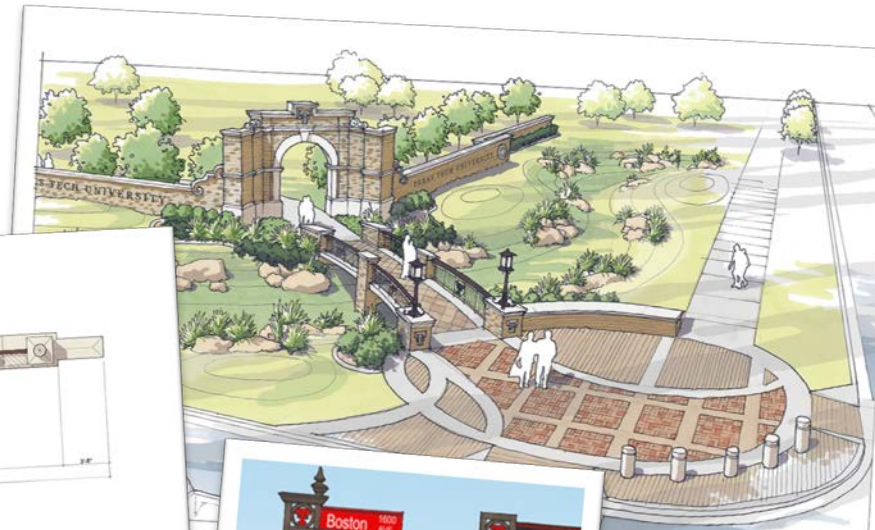
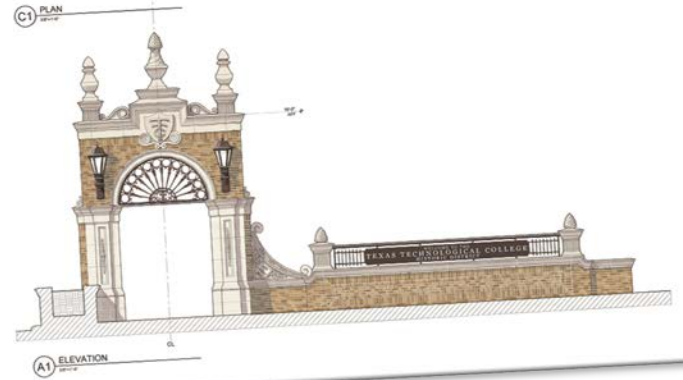
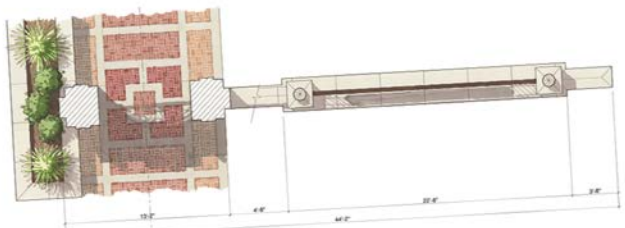
changes translate to growth in enrollment and additional pressure on Texas Tech to meet the needs of an increasingly diverse student body.

The master planning committee has developed a plan that fosters the past, relying on the detailed analysis and findings from that plan, while incorporating the many projects and improvements completed since 1997 as well as those currently underway. Thereby, resulting in a campus master plan that adds renewed vision about the long range development of the campus.

# TTU / TTUHSC Master Plan Update



**HISTORIC DISTRICT GATEWAY**  
This gateway is designed to serve as a traditional passageway between buildings or alleys.



AL CAMPUS GATEWAY OPTION 'B'  
DESIGN WORKSHOP - RELCO - PSC - 03-0223-13 - MAY 2014



# New Student Housing Complex

➤ Project Budget - \$54,800,000 / 234,501 GSF

Completion Date:  
July/Aug 2014



# Biological Sciences Buildings Life Safety Upgrades

Item 11

- Project Budget - \$8,300,000 / 156,219 GSF

Completion Date:  
March 2014





# Track Team Building Renovation

➤ Project Budget - **\$1,295,627** / 10,482 GSF

Completion Date:  
May 2014



# College of Human Sciences Life Safety Upgrade

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

Completion Date:  
August 2015





# Campus Beautification

➤ Project Budget - \$2,500,000

Completion Date:  
February 2015





# Plant & Soil Science Building

➤ Project Budget - \$13,600,000 / 21,122 GSF

Completion Date:  
June 2015



# Research & Technology Park – Phase I

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

Completion Date:  
May 2015





# University College Building and Trait Development Facility

Item 11

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

Completion Date:  
January 2015



# The Larry Combest Community Health and Wellness Center Expansion

Item 11

➤ Project Budget - **\$5,108,500** / 10,248 GSF

Completion Date:  
Jan/Feb 2014





# El Paso School of Nursing

➤ Project Budget - \$14,500,000 / 35,000 GSF

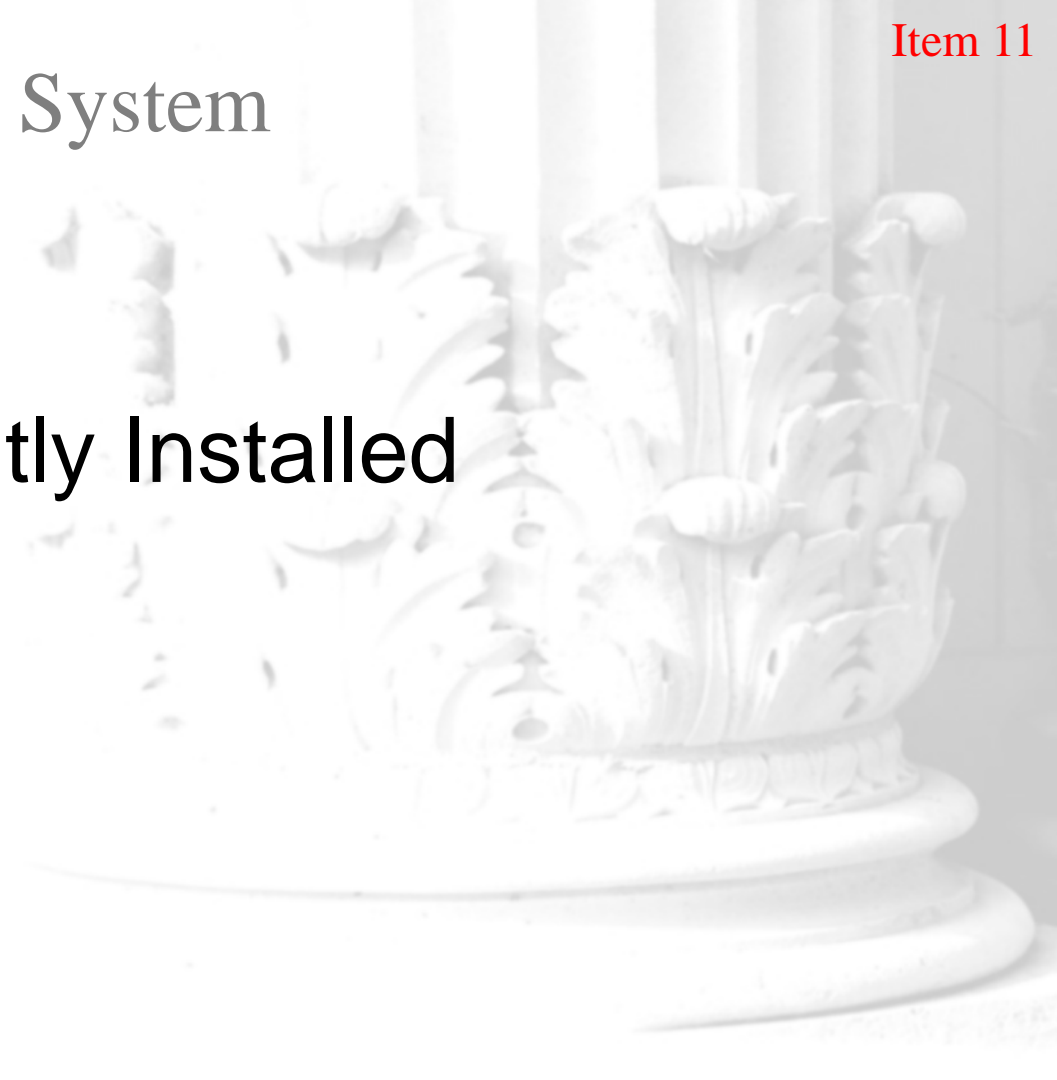
Completion Date:  
September 2014





# Texas Tech University System

## Public Art – Recently Installed

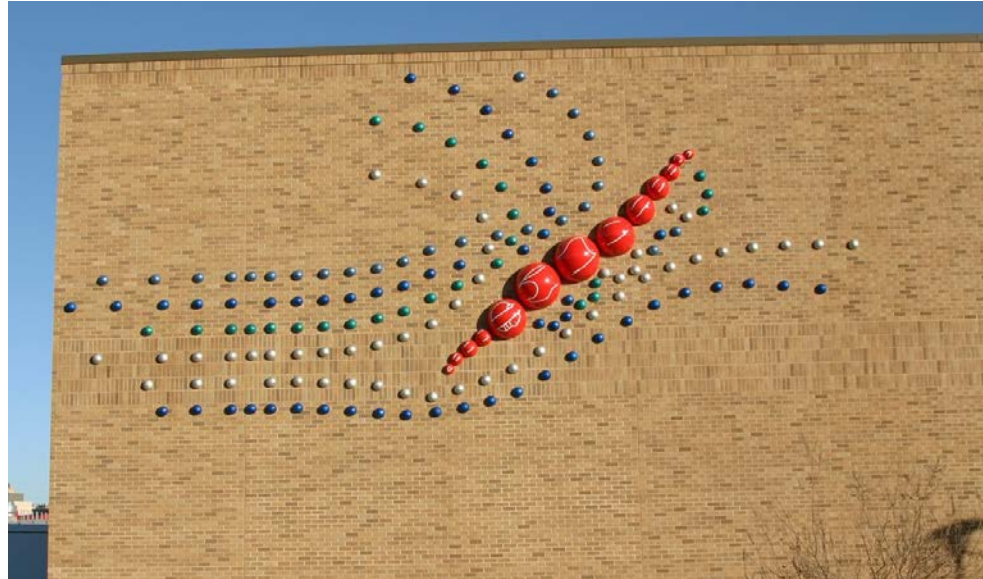
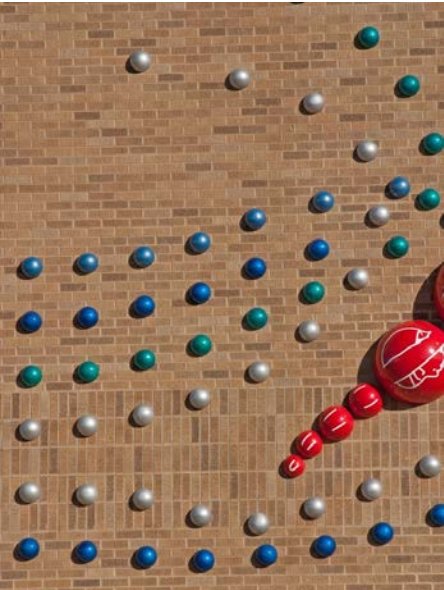


# Exercise & Sports Sciences

Nancy Lovendahl (Old Snowmass, CO)  
*Flowmotion*

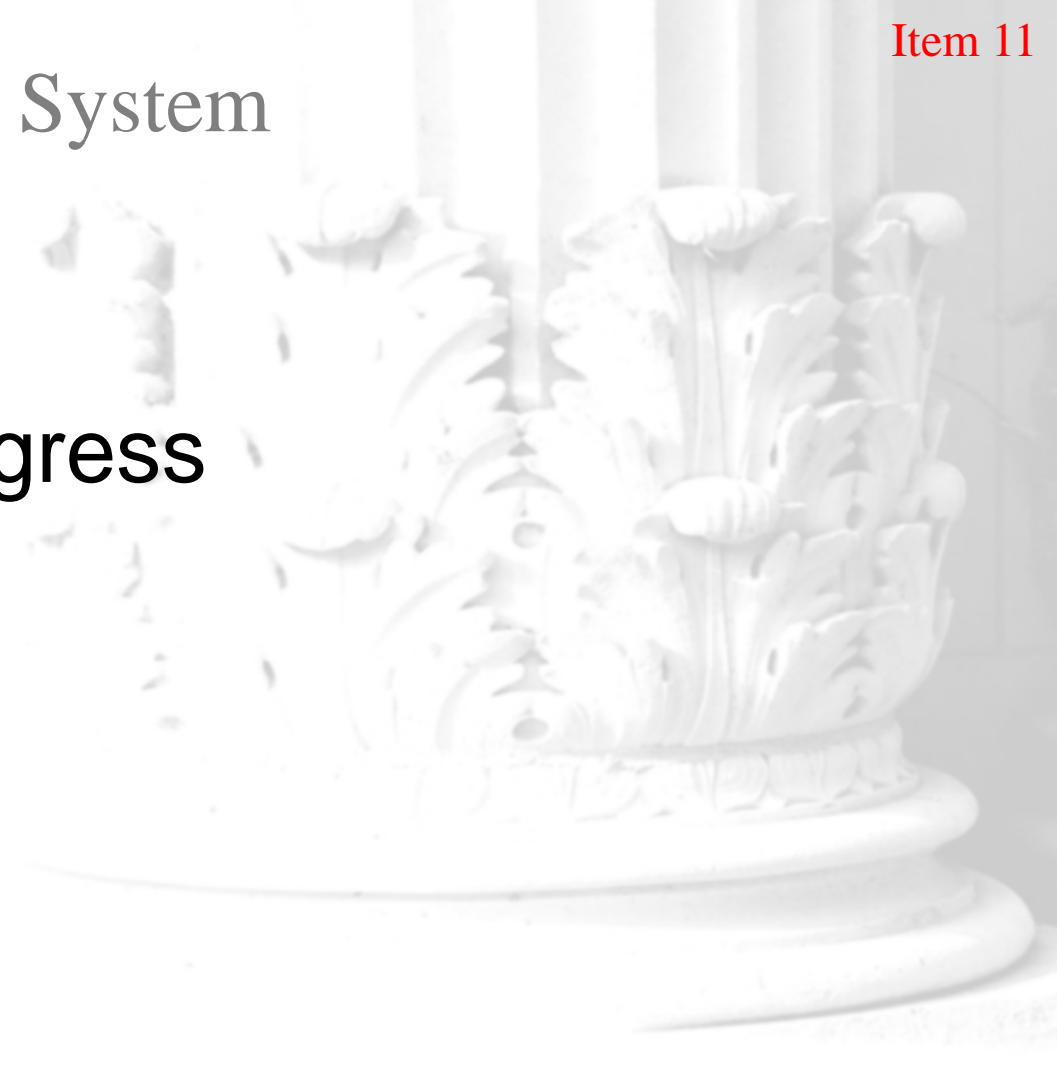
\$57,000

Installed: April 3, 2014



# Texas Tech University System

## Public Art – In Progress



# Experimental Sciences Build-Out

Owen Morrel (Peconic, NY)  
*Astrolabe*

\$235,000

Planned installation: May 21-23, 2014





# Rawls Golf Course Clubhouse

Peter Tonningsen and Lisa Levine  
(Oakland, CA)

*Untitled*

\$32,000

Estimated Installation Summer 2014

## RAWLS GOLF COURSE AND GOLF TEAM FACILITY



HOME OF FEARLESS CHAMPIONS



\*NOTE: This is a mock-up only.  
Final design will be presented after artists visit and  
photograph campus

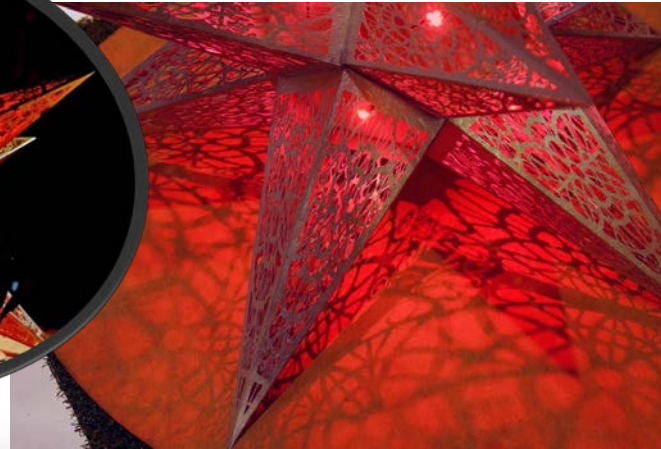


# New Student Housing Complex

Joe O'Connell and Blessing Hancock (Tuscon, AZ)  
*Texas Rising*

\$485,000

Estimated Installation August 2014



# Under Construction

	<u>Project</u>	<u>Cost</u>	<u>Status</u>	<u>Completion Date</u>
TTU	Printech Building Renovation (Exercise & Sports Sciences)	\$ 7,200,000	Complete	September 2012
	BSL-3 Lab at the Institute of Environmental & Human Health	\$ 2,400,000	Complete, Warranty	April 2013
	The Burkhart Center for Autism Education and Research	\$ 10,600,000	Complete,	September/October 2013
	Architecture Building Life Safety Upgrades	\$ 7,400,000	Complete, Warranty	October 2013
	Petroleum Engineering and Research Building	\$ 22,800,000	Substantially Complete	January 2014
	New Student Housing Complex	\$ 54,800,000	Under Construction	July/August 2014
	Biological Sciences Buildings Life Safety Upgrades	\$ 8,300,000	Under Construction	March 2014
	Jones AT&T Video Scoreboard Package	\$ 11,000,000	Complete, Warranty	August 2013
	Track Team Building Renovation	\$ 1,295,627	Under Construction	May 2014
	College of Human Sciences Life Safety Upgrade	\$ 9,650,000	Under Construction	August 2015
	Campus Beautification	\$ 2,500,000	Under Construction	February 2015
	Plant & Soil Sciences Building	\$ 13,600,000	Under Construction	June 2015
	Research & Technology Park - Phase I	\$ 29,045,000	Under Construction	May 2015
	University College Building and Trait Development Facility	\$ 19,316,135	Under Construction	January 2015
	Jones AT&T Stadium Colonnade and Infill Seating	\$ 5,350,000	Substantially Complete	October 2013
	<b>TTU Total</b>	<b>\$ 205,256,762</b>		
ASU	Mayer-Rousselot Agriculture Education Training Center	\$ 1,077,000	Substantially Complete	May 2014
		<b>ASU Total</b>	<b>\$ 1,077,000</b>	
HSC	The Larry Combest Community Health and Wellness Center Expansion	\$ 5,108,500	Under Construction	January/February 2014
	El Paso School of Nursing	\$ 14,500,000	Under Construction	September 2014
		<b>HSC Total</b>	<b>\$ 19,608,500</b>	
	<b>Under Construction Grand Total</b>	<b>\$ 225,942,262</b>		

# In Design

	<u>Project</u>	<u>Cost</u>	<u>Status</u>	<u>Completion Date</u>
TTU	Petroleum Engineering Bldg Renovation for Maddox Chairs	\$ 2,900,000	On Hold	TBD
	Engineering & Materials Research Center Renovation	\$ 1,680,000	In Design	TBD
	College of Visual and Performing Arts	TBD	Program Complete	TBD
	Admin Bldg Parking Feasibility Study	TBD	Study Complete	TBD
	<b>TTU Total</b>	<b>\$ 4,580,000</b>		
ASU	Dr. Robert and Jean Ann LeGrand Multi Sports Complex Improvements	\$ 1,400,000	In Design	TBD
	Synthetic Turf on Intramural Fields	\$ 1,900,000	In Design	TBD
	College of Health & Human Services	\$ 26,700,000	On Hold	TBD
	<b>ASU Total</b>	<b>\$ 30,000,000</b>		
HSC	Amarillo Simulation Center	\$ 6,750,000	In Design	TBD
	Amarillo Student Synergistic Center	\$ 4,000,000	In Design	TBD
	<b>HSC Total</b>	<b>\$ 10,750,000</b>		
	<b>In Design Grand Total</b>	<b>\$ 45,330,000</b>		

# Prospective

	<u>Project</u>	<u>Cost</u>	<u>Status</u>	<u>Completion Date</u>
TTU	Research Building (ESB II)	\$ 97,700,000	Proposed	TBD
	College of Engineering Expansion/Renovation Phase II	\$ 67,600,000	Proposed	TBD
	Weeks Hall Abatement and Renovation	\$ 24,200,000	Proposed	TBD
	University Data Center	\$ 21,000,000	Proposed	TBD
	United Spirit Arena Renovation	\$ 4,300,000	Proposed	TBD
	System Office Building	\$ 27,500,000	Proposed	TBD
	Synthetic Turf Intramural Recreation Fields	\$ 5,785,000	Proposed	TBD
	South End Zone Renovation	\$ 65,000,000	Proposed	TBD
	Indoor Football Practice Facility	\$ 28,000,000	Proposed	TBD
	New Residence Hall Facility	\$ 50,000,000	Proposed	TBD
	Indoor Track Facility	\$ 45,600,000	Proposed	TBD
Jones AT&T Stadium East Building Finish Out	\$ 22,000,000	Proposed	TBD	
	<b>TTU Total</b>	<b>\$ 458,685,000</b>		
ASU	Cavness Science Building Renovation	\$ 33,700,000	Proposed	TBD
	Academic Building Renovation & Addition	\$ 23,900,000	Proposed	TBD
	Engineering Classroom Building	\$ 10,200,000	Proposed	TBD
	Carr Hall Office Space Renovation	\$ 4,200,000	Proposed	TBD
	<b>ASU Total</b>	<b>\$ 72,000,000</b>		
HSC	El Paso Medical Science Building II	\$ 84,400,000	Proposed	TBD
	El Paso Clinical Sciences Building	\$ 34,400,000	Proposed	TBD
	Lubbock Education, Research & Technology Renovation	\$ 45,000,000	Proposed	TBD
	Lubbock West Expansion	\$ 38,700,000	Proposed	TBD
	Permian Basin Academic Facility	\$ 19,800,000	Proposed	TBD
	Amarillo Panhandle Clinical Simulation Center	\$ 6,350,000	Proposed	TBD
Amarillo Women's Health & Research Institute Renovation	\$ 22,400,000	Proposed	TBD	
	<b>HSC Total</b>	<b>\$ 251,050,000</b>		
	<b>Future Grand Total</b>	<b>\$ 781,735,000</b>		





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