



TEXAS TECH UNIVERSITY SYSTEM™

Facilities Committee

Billy Breedlove | VC FP&C

November 16-17, 2023


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Angelo State University

ITEM 1

Approve additional project scope, budget increase, and contract amendment for the Elta Joyce Murphey Auditorium Renovation project and accept the amended Construction Manager At Risk GMP

Billy Breedlove



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Elta Joyce Murphey Auditorium – Artist Rendering



3

Existing Basement Photos – North Dressing Room

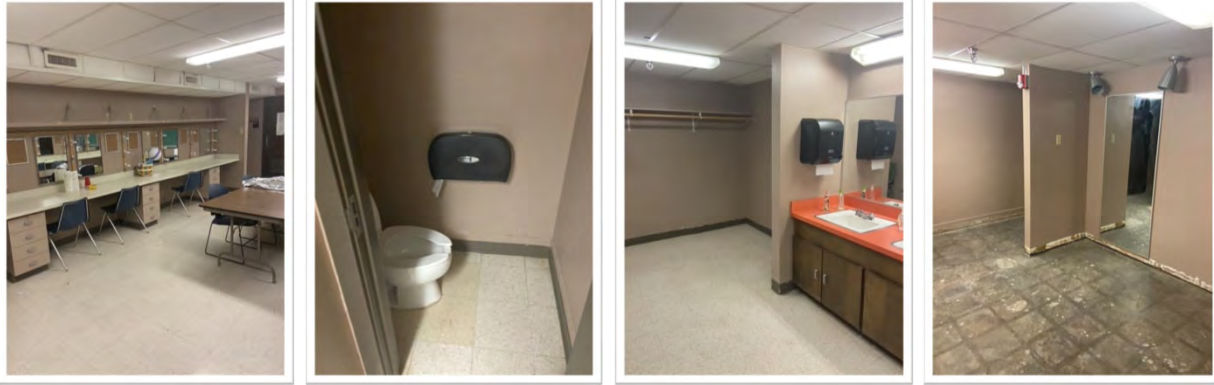
ASU
ITEM 1



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Existing Basement Photos – South Dressing Room

ASU
ITEM 1



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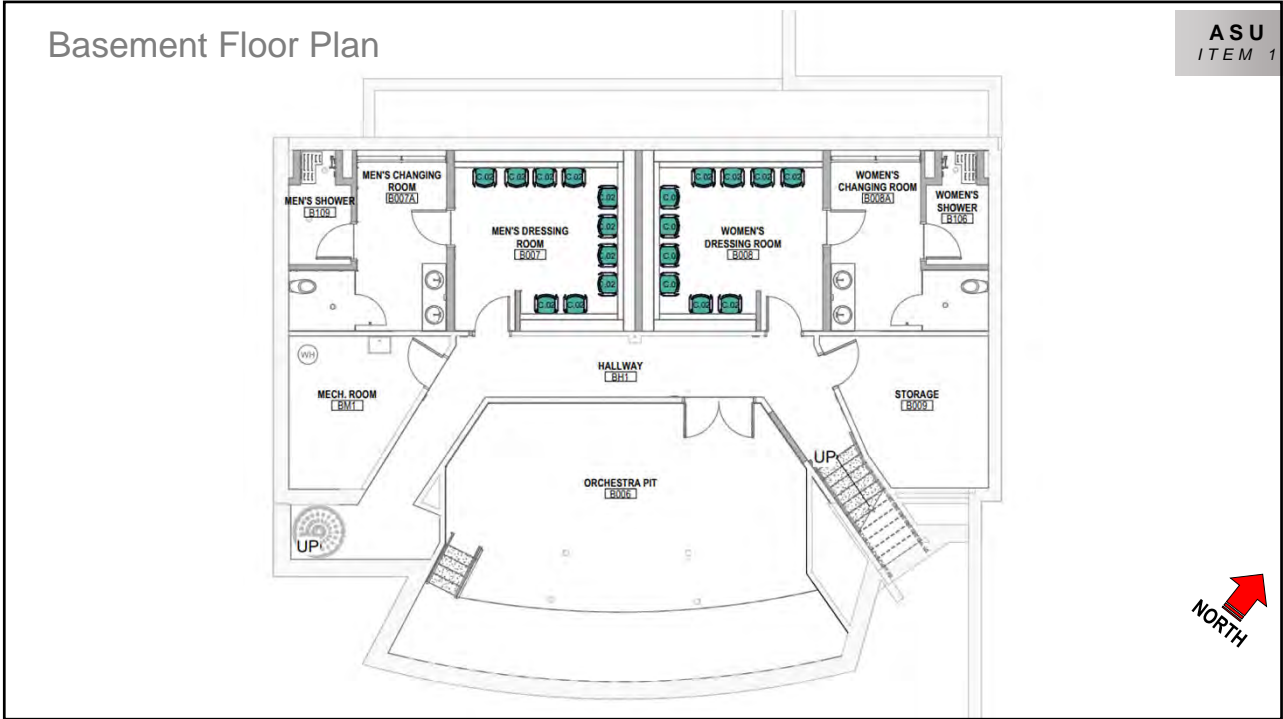
Existing Basement Photos – Circulation Areas



Existing Basement Photos – Beneath Stage Area



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Add Alternate Scope:

ASU
ITEM 1

- Project will renovate the basement area below the stage:
 - Men and Women's dressing rooms, changing rooms, restrooms and shower areas;
 - Orchestra pit;
 - Mechanical room; and
 - Storage room, and circulation areas.
- Procurement of the additional theatrical performance equipment:
 - New stage lighting package;
 - New theatrical audio and AV system;
 - Stage shell and acoustic clouds; and
 - Production communication equipment.
- New main electrical distribution panel.

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Project Budget

ASU
ITEM 1

	BOR Approved August 2023	Additional Request	Revised Budget
	\$ 6,000,000	\$ 2,957,200	\$ 8,957,200
Construction	\$ 5,019,500	\$ 2,803,778	\$ 7,823,278
Professional Services	\$ 625,796	\$ 0	\$ 625,796
FF&E	\$ 104,649	\$ 0	\$ 104,649
Administrative Cost	\$ 27,905	\$ 0	\$ 27,905
BOR Directed Fees* (2.4% FP&C Fee)	\$ 140,616	\$ 69,309	\$ 209,925
Contingency	\$ 81,534	\$ 84,113	\$ 165,647

* Fee for 1% Landscape Enhancements and 1% Public Art - Waived

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Recommendation

ITEM 1

- Approve
 - (i) the additional project scope for the Elta Joyce Murphey Auditorium Renovation project;
 - (ii) approve expenditures of \$2,957,200 to provide additional project scope for the owner requested theatrical performance equipment and renovation of the basement area below the stage area for a total project budget of \$8,957,200;
 - (iii) accept the amended Guaranteed Maximum Price ("GMP") for execution of the additional project scope; and
 - (iv) amend the Construction Manager At Risk ("CMAR") Agreement..
- The total project budget which includes the previously approved \$6,000,000 will be funded through the Revenue Finance System ("RFS") repaid with gifts and Higher Education Funds ("HEF").



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Angelo State University

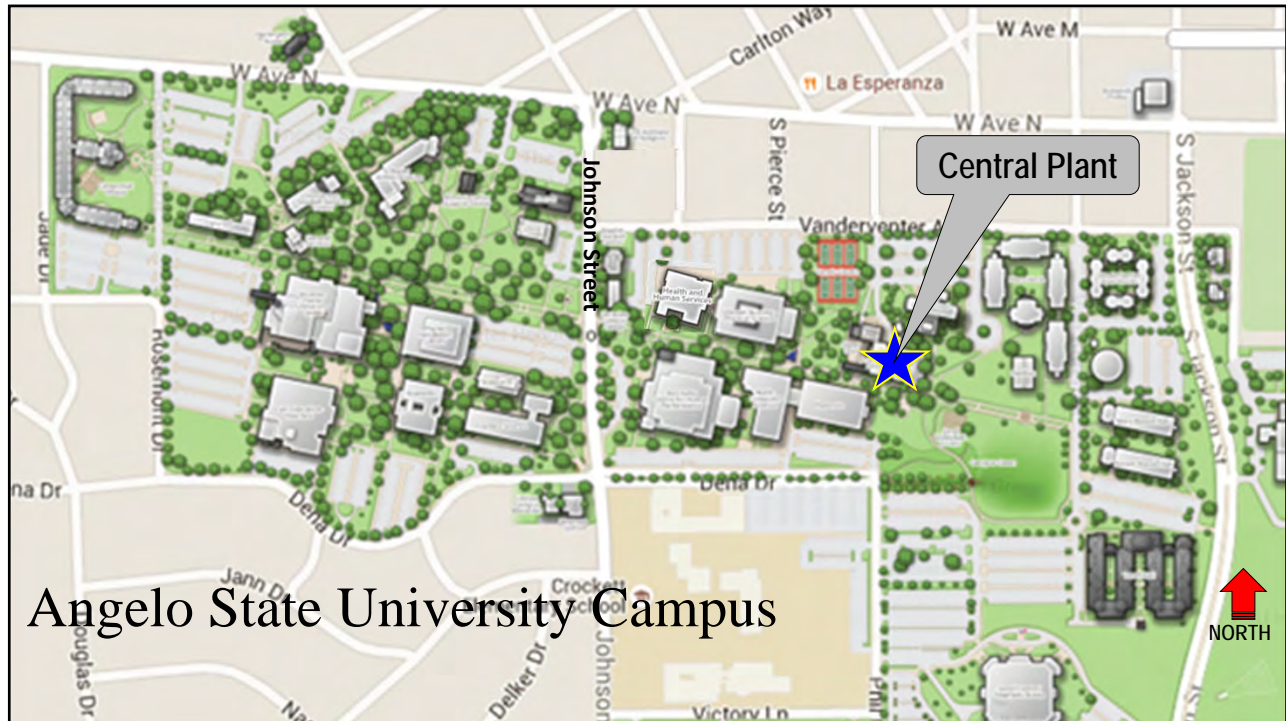
ITEM 2

Approve the total project budget for the Central Plant Renovations and Additions project and accept the Design-Build GMP

Billy Breedlove



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Scope of Services

ASU
ITEM 2

- Execute Construction Manager-Agent (“CMA”) assist services consisting of:
 - Comprehensive on-site Construction Administration services, at a minimum, shall include:
 - Construction observation and preparation of reports;
 - Review and approval of submittals and pay applications;
 - Management and oversight of project related Construction Administration processes;
 - Construction schedule monitoring;
 - Conducting a final inspection, assistance in correction of punch list deficiencies; and
 - Assistance with Project acceptance and construction contract close-out.

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Project Overview

ASU
ITEM 2

- The existing plant will receive new chilled water & heating water equipment, variable speed centrifugal chiller with chilled water pumps, gas-fired boilers, heating water pumps, and condenser fluid pumps, upgrade electrical equipment, and add additional adiabatic evaporative cooling with more efficient water & energy cooling.
- Piping will be configured to obtain more flexibility & redundancy between the chillers, chilled water pumps & condensing fluid pumps.
- The Building Automation System (BAS) will be upgraded.
- Mechanical and controls upgrades in some of the existing buildings.

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Project Budget

ASU
ITEM 2

	BOR Approved May 2023	Additional Request	Revised Budget
	\$ 2,872,087	\$ 33,127,913	\$ 36,000,000
Construction	\$ 290,473	\$ 31,735,259	\$ 32,025,732
Professional Services	\$ 2,236,620	\$ 650,000	\$ 2,886,620
FF&E	\$ 0	\$ 8,500	\$ 8,500
Administrative Cost	\$ 22,700	\$ 64,450	\$ 87,150
BOR Directed Fees* (2.4% FP&C Fee)	\$ 67,314	\$ 776,435	\$ 843,749
Contingency	\$ 254,980	\$ (106,731)	\$ 148,249

* Fee for 1% Landscape Enhancements and 1% Public Art - Waived

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Recommendation

ITEM 2

- Approve
 - (i) expenditures to award a Construction Manager-Agent (“CMA”) Agreement and authorize project management assist services for the Central Plant Renovations and Additions project;
 - (ii) accept the Design-Build (“DB”) Guaranteed Maximum Price (“GMP”);
 - (iii) increase the budget by \$33,127,913 for a total project budget of \$36,000,000;
 - (iv) report the project to the Texas Higher Education Coordinating Board (“THECB”); and
 - (v) amend the Design-Build Agreement.
- The total project budget which includes the previously approved \$2,872,087 will be funded through the Revenue Finance System (“RFS”), repaid with Capital Construction Assistance Projects (“CCAP”) Legislative appropriations.



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Angelo State University

ITEM 3

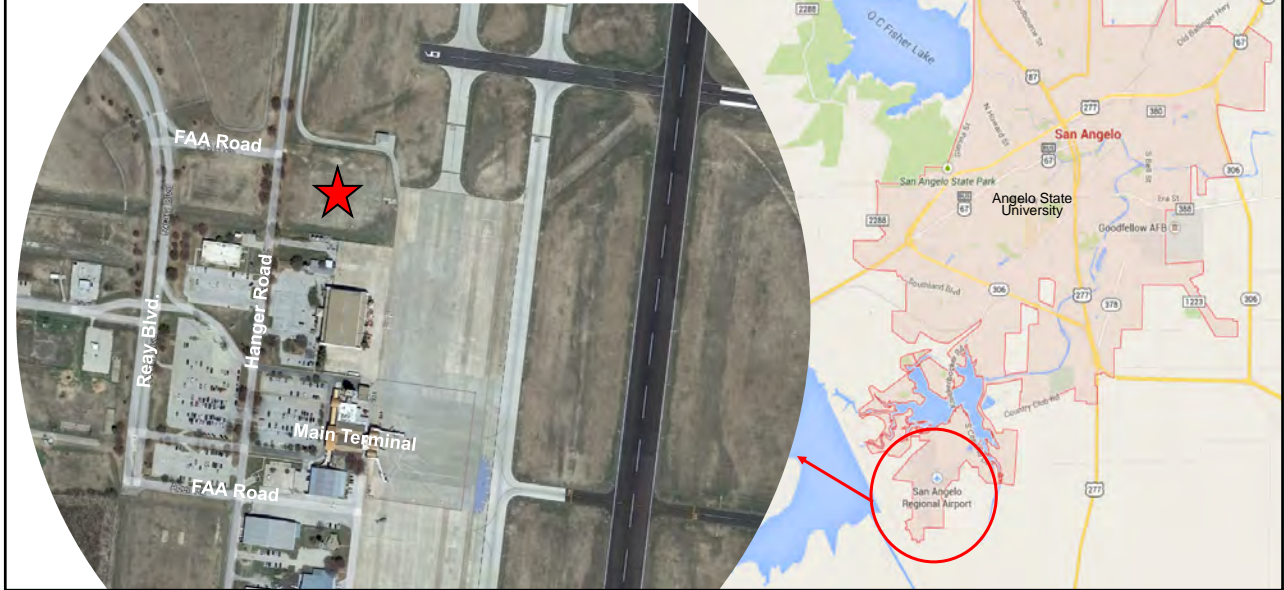
Approve the total project budget for the ASU Aviation Program Training Facility project and accept the Construction Manager At Risk GMP

Billy Breedlove

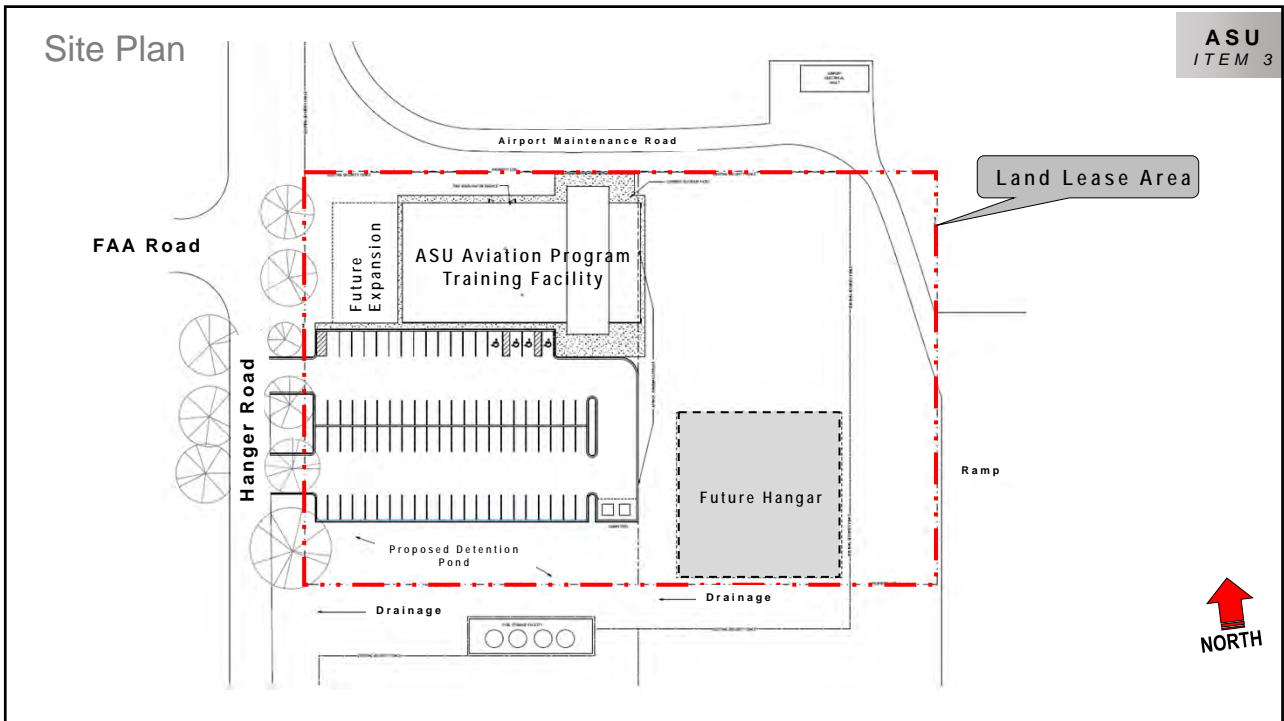


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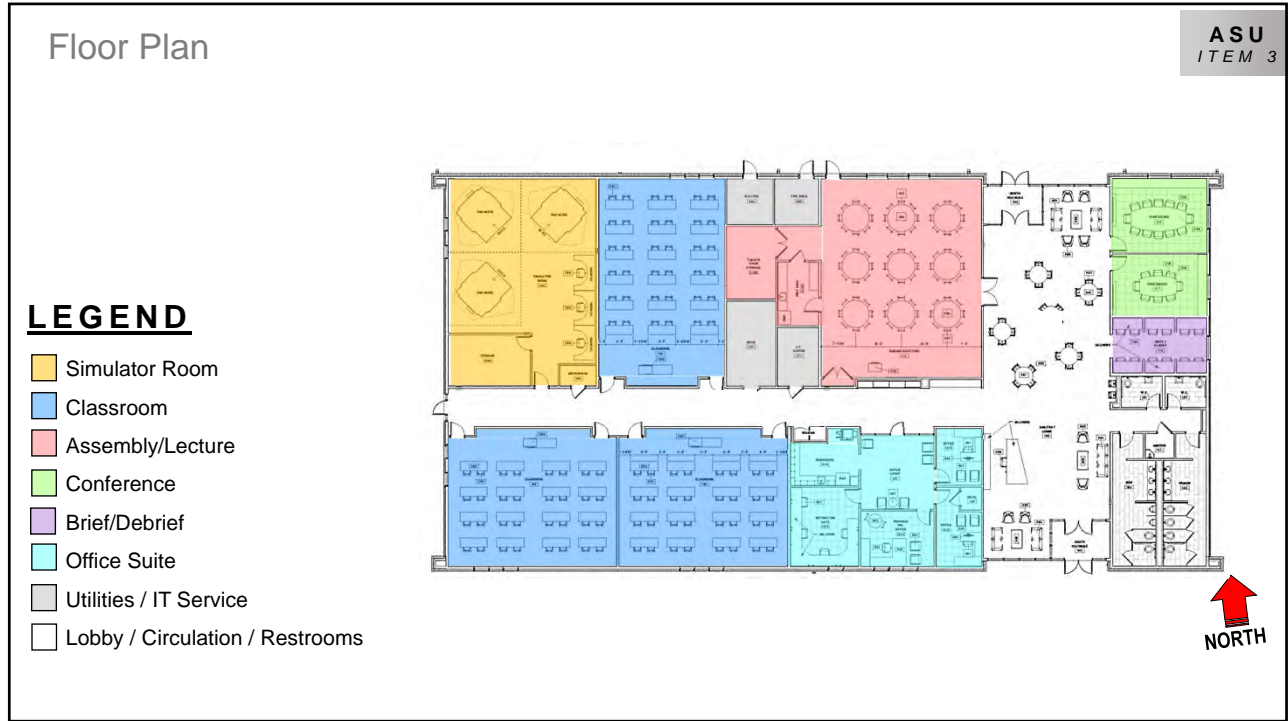
San Angelo Regional Airport / Mathis Field



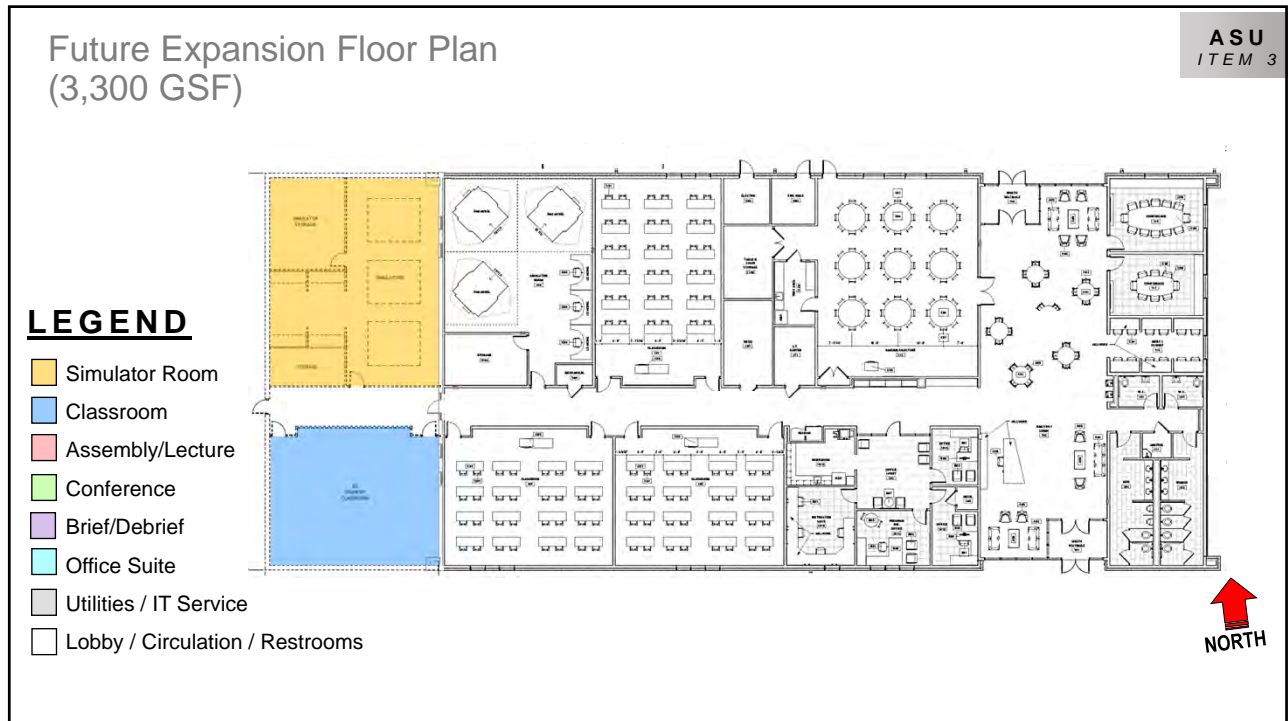
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Concept Rendering – Northeast Corner

ASU
ITEM 3



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Project Overview

ASU
ITEM 3


- Project will provide an approximate 14,450 GSF facility containing:
 - Classrooms;
 - Simulator room;
 - Open study/work cubicles;
 - Program director, chief pilot, and instructor offices;
 - Main lobby/waiting area with recruiting lounge;
 - MEP rooms; IT Service room, and restrooms; and
 - Site utilities and parking.

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Project Budget			ASU ITEM 3
	BOR Approved August 2023	Additional Request	Revised Budget
	\$ 514,782	\$ 8,107,257	\$ 8,622,039
Construction	\$ 15,000	\$ 7,324,375	\$ 7,339,375
Professional Services	\$ 455,730	\$ 144,062	\$ 599,792
FF&E	\$ 0	\$ 294,456	\$ 294,456
Administrative Cost	\$ 10,800	\$ 11,286	\$ 22,086
BOR Directed Fees* (2.4% FP&C Fee)	\$ 12,065	\$ 190,014	\$ 202,079
Contingency	\$ 21,187	\$ 143,064	\$ 164,251

** Fee for 1% Landscape Enhancements and 1% Public Art - Waived*

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Recommendation	ITEM 3
<ul style="list-style-type: none"> ▪ Accept <ul style="list-style-type: none"> (i) the Guaranteed Maximum Price ("GMP") for construction of the ASU Aviation Program Training Facility project; (ii) increase the budget by \$8,107,257 for a total project budget of \$8,622,039; (iii) report the project to the Texas Higher Education Coordinating Board ("THECB"); and (iv) amend the Construction Manager At Risk Agreement. ▪ The total project budget which includes the previously approved \$514,782 will be funded with gifts (cash), Grants, and Institutional Funds (cash). 	

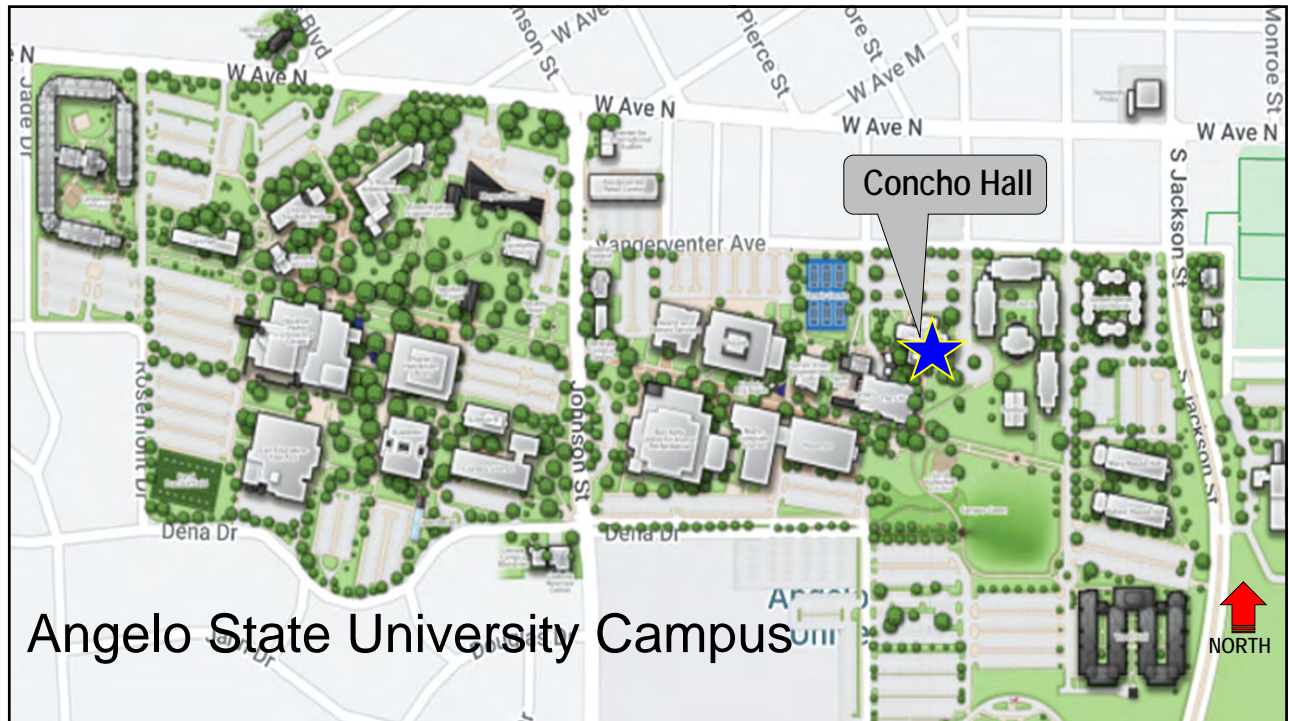
26

Approve expenditures of the Concho Hall Demolition project for Construction Manager At Risk Pre-construction services and accept the Construction Manager At Risk GMP for Bid Package1 – Early Asbestos Abatement

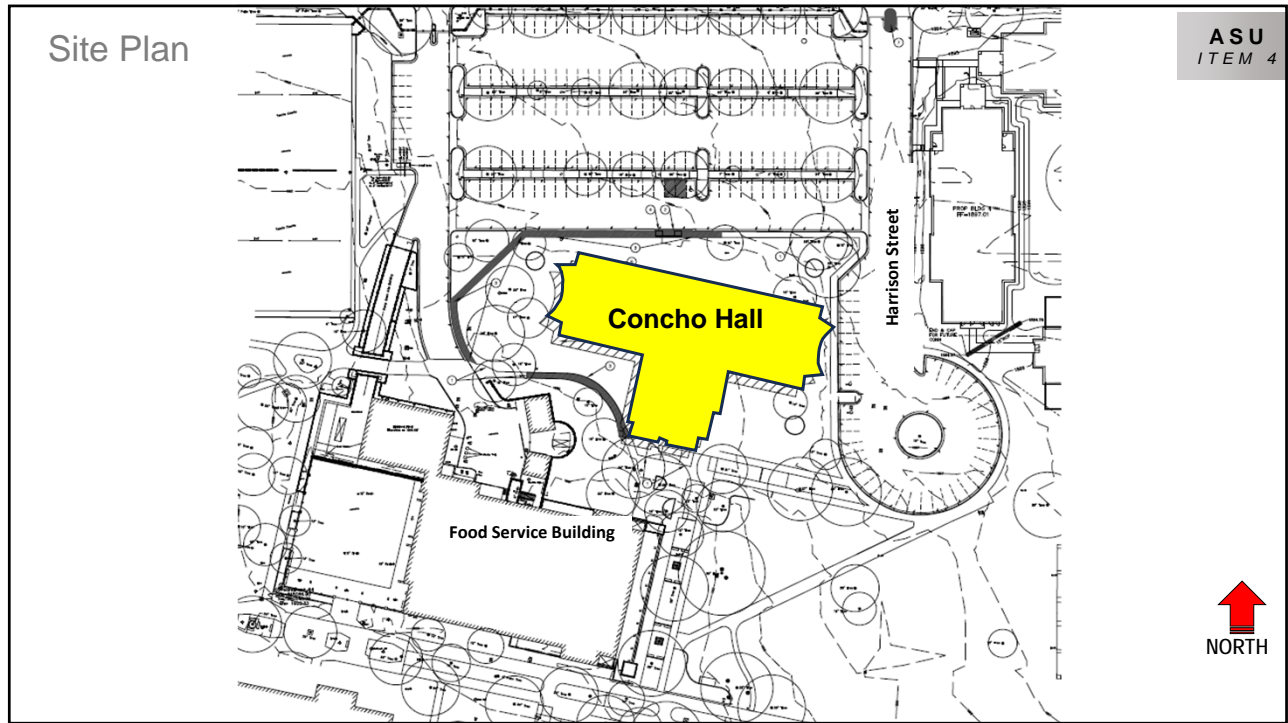
Billy Breedlove



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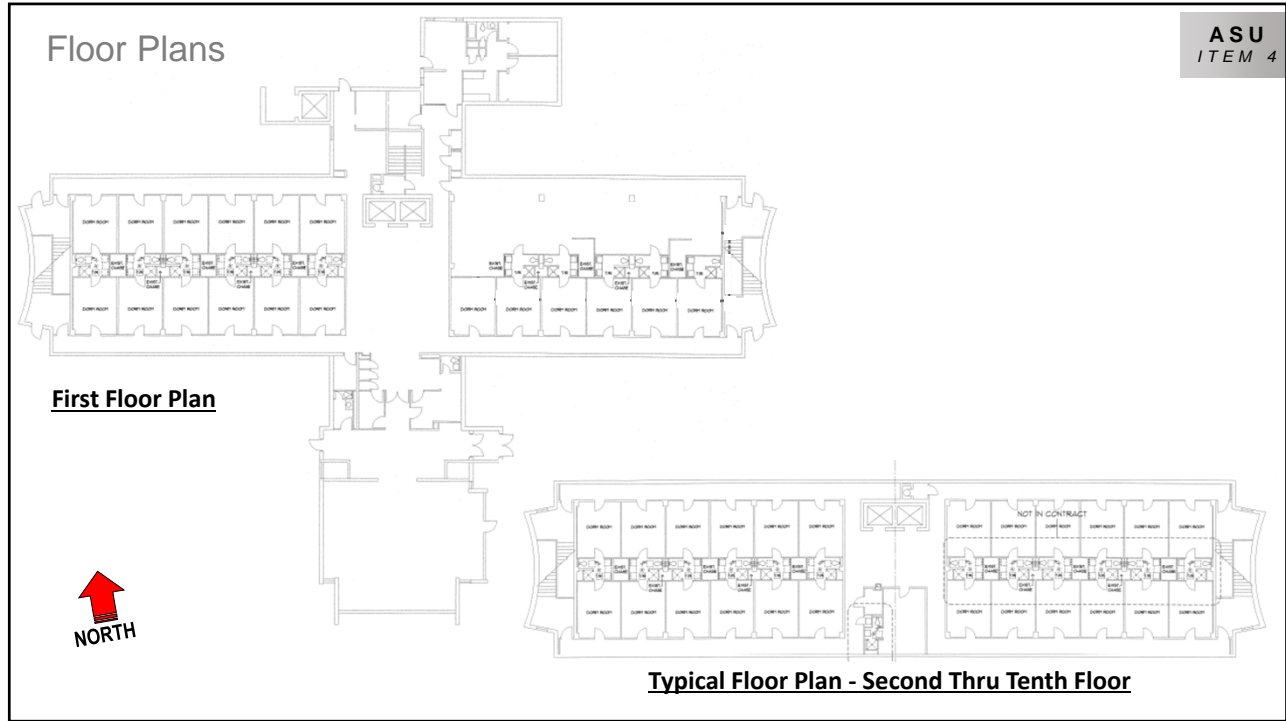
29

Project Overview

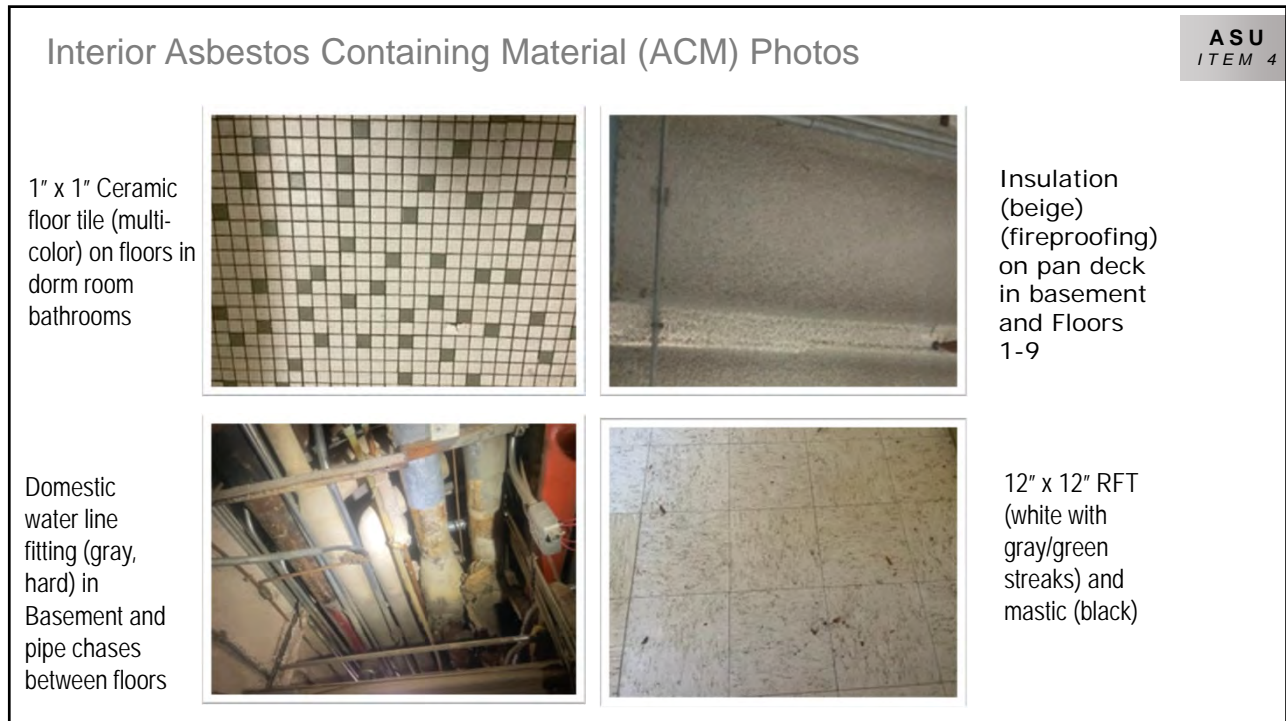
- Project will demolish the existing 10-story Concho Hall Residence building that was constructed in 1969 and contains 99,483 GSF.

The photograph shows a large, multi-story brick building with a grid of windows. The building is surrounded by lush green trees and a well-maintained lawn. The sky is blue with scattered white clouds. The building's facade is a light tan or beige color.

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Early Procurement Overview

ASU
ITEM 4

- Bid Package 1 – Early Asbestos Abatement includes the following:
 - Removal of the selective asbestos materials mainly in the interior areas identified in the Asbestos Survey.
 - Removal of other hazardous materials.
 - Removal and disposal of asbestos shall be in accordance with industrial standards as well as all Federal, State, and local regulations.

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Project Budget

ASU
ITEM 4

	BOR Approved August 2023	Additional Request	Revised Budget
	\$ 486,650	\$ 2,155,878	\$ 2,642,528
Construction	\$ 0	\$ 1,930,000	\$ 1,930,000
Professional Services	\$ 455,215	\$ 0	\$ 455,215
FF&E	\$ 0	\$ 0	\$ 0
Administrative Cost	\$ 0	\$ 45,000	\$ 45,000
BOR Directed Fees* (2.4% FP&C Fee)	\$ 11,406	\$ 50,528	\$ 61,934
Contingency	\$ 20,029	\$ 130,350	\$ 150,379

* Fee for 1% Landscape Enhancements and 1% Public Art - Waived

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Recommendation

ITEM 4

- Approve
 - (i) expenditures of \$2,155,878 for a total of \$2,642,528 for the Concho Hall Demolition project, with an anticipated project budget of \$5,000,000;
 - (ii) award a Construction Manager At Risk ("CMAR") Agreement;
 - (iii) authorize Pre-construction services;
 - (iv) accept the Guaranteed Maximum Price ("GMP") for Bid Package 1 – Early Asbestos Abatement; and
 - (v) amend the Construction Manager At Risk Agreement for execution of Bid Package 1 – Early Asbestos Abatement.
- The total expenditure of \$2,642,528 which includes the previously approved \$486,650 will be funded with Housing Revenues.



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Midwestern State University

ITEM 5

Approve expenditures of the Bolin Hall Renovation and Expansion project for Construction Manager-Agent services, approve the total project budget, and accept the Design-Build GMP

Billy Breedlove



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Bolin Hall – East Elevation



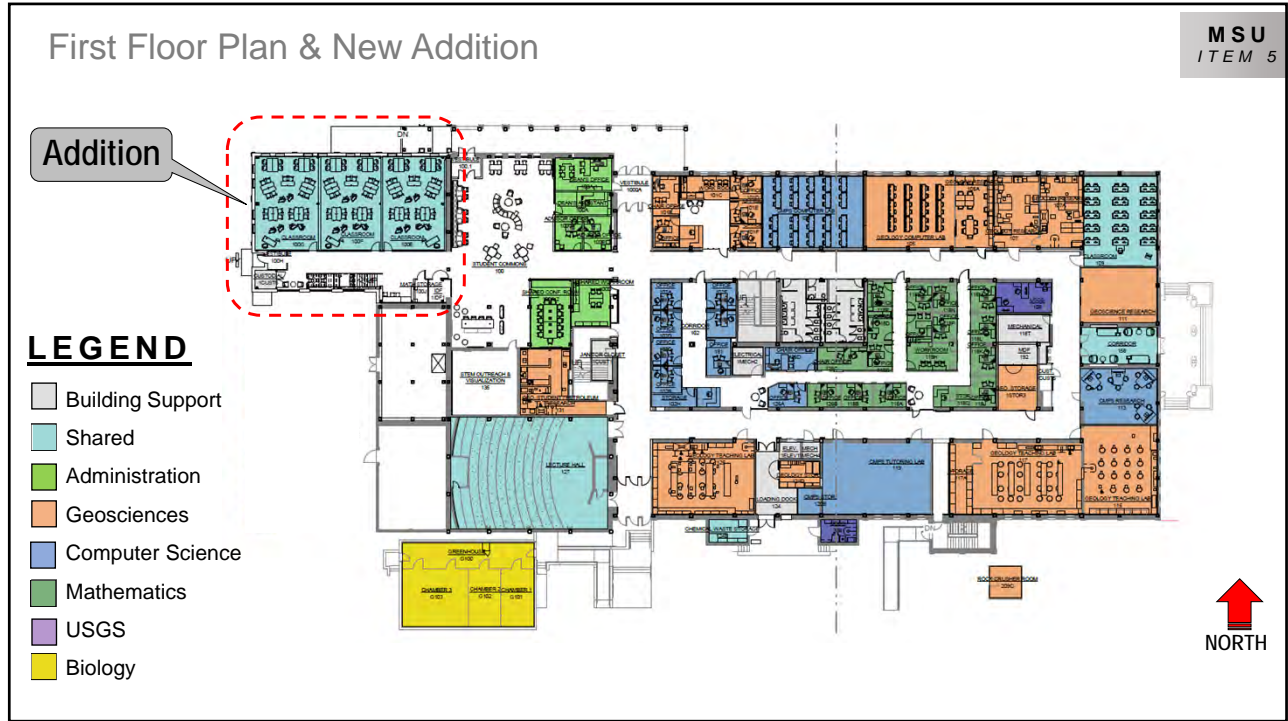
37

Concept Rendering – North Elevation

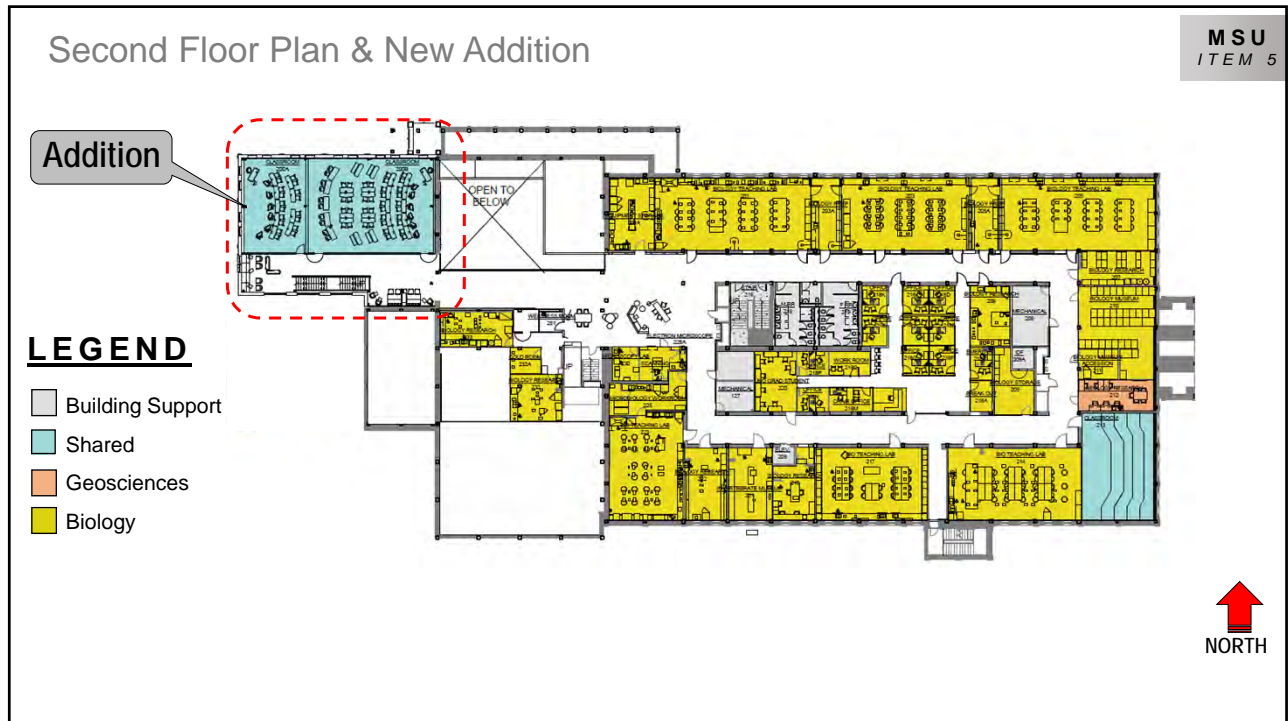
MSU
ITEM 5



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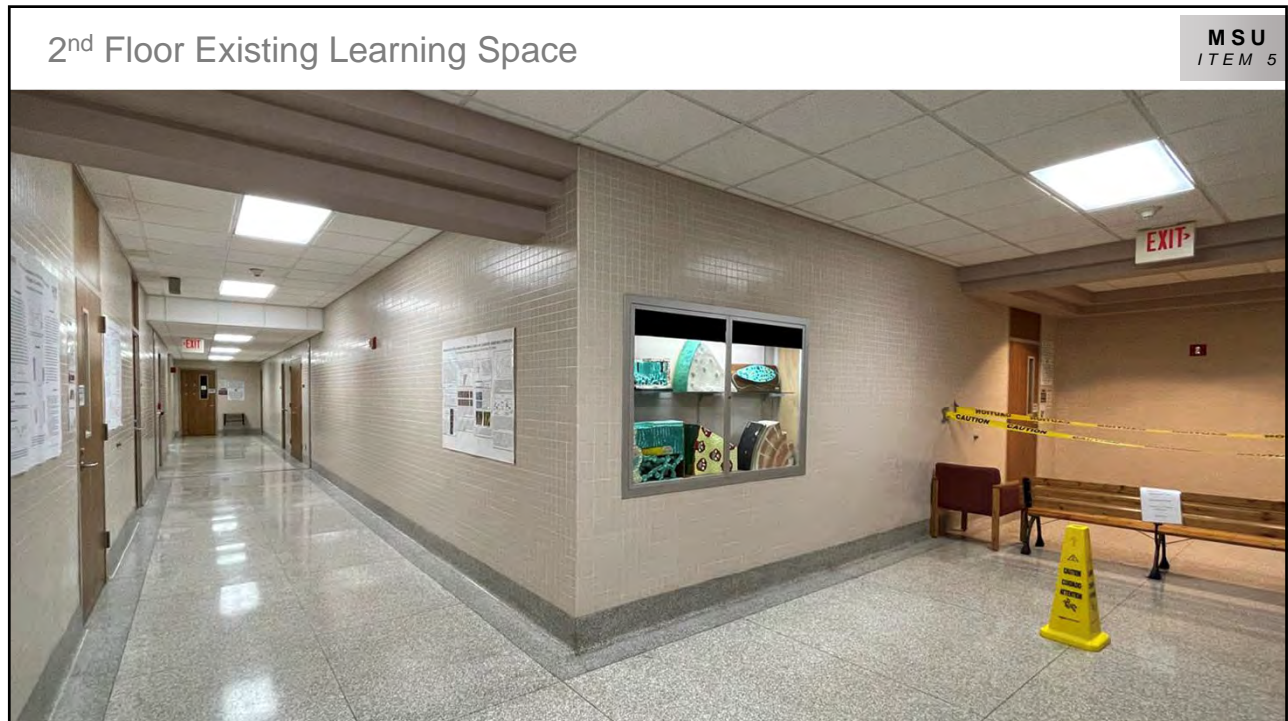
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Concept Rendering – 2nd Floor New Student Collaboration

MSU
ITEM 5



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1st Floor Existing Vestibule

MSU
ITEM 5



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Concept Rendering – 1st Floor Student Collaboration

MSU
ITEM 5



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3rd Floor Existing Corridor

MSU
ITEM 5



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Concept Rendering - 3rd Floor Renovated Corridor

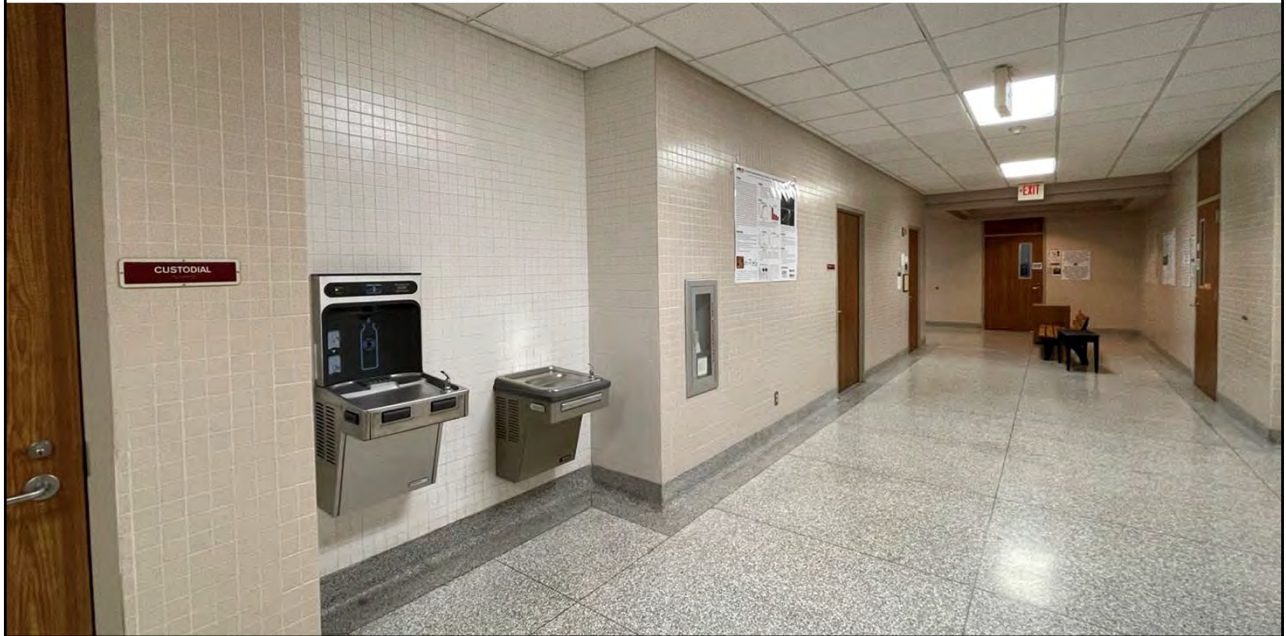
MSU
ITEM 5



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Existing Corridor

MSU
ITEM 5



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Concept Rendering – Renovated Corridor

MSU
ITEM 5



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Concept Rendering – New Addition, Lobby

MSU
ITEM 5



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Concept Rendering – New Addition, Lobby

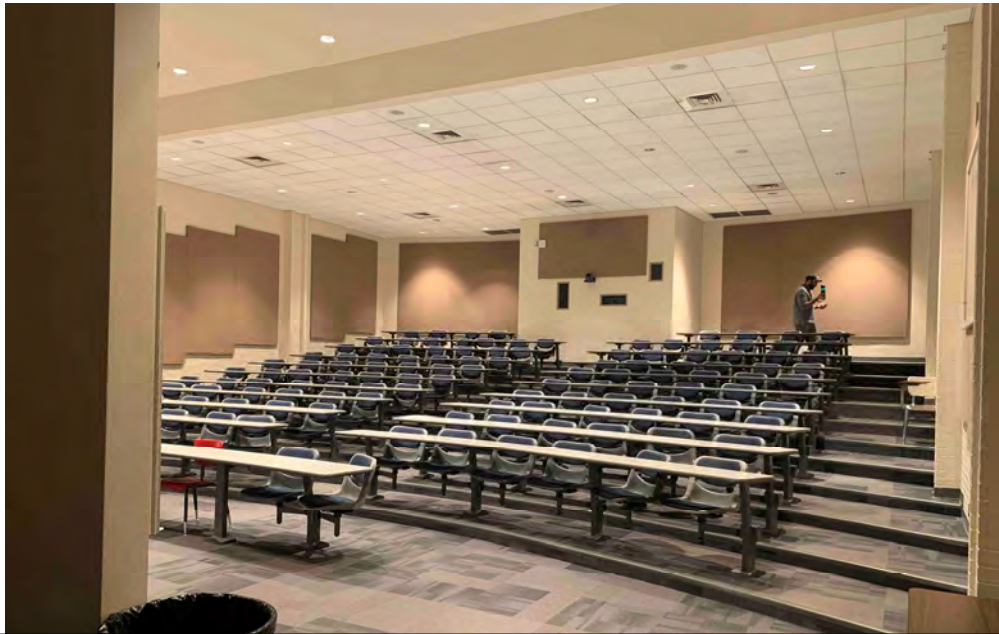
MSU
ITEM 5



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Existing Classroom

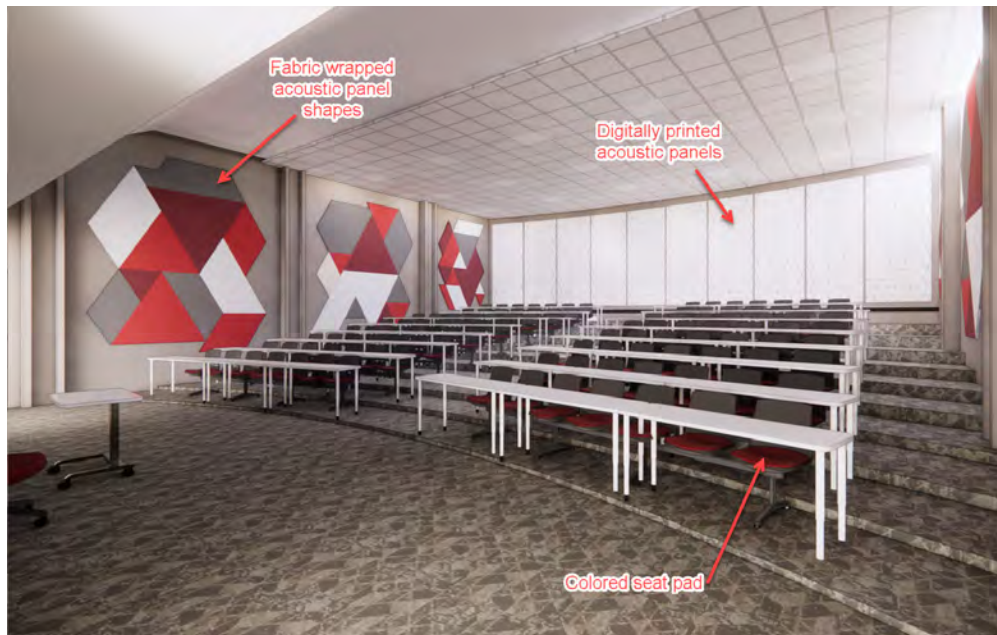
MSU
ITEM 5



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Concept Rendering – Renovated Classroom

MSU
ITEM 5



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Project Overview


MSU
ITEM 5

- Partial renovation of approximately 45,000 to 55,000 GSF of the existing building and provide 7,500 GSF of new space to address programmatic needs.
- Upgrade, replace, and retro-commission the existing mechanical, electrical, and plumbing building systems to gain energy efficiencies as well as comply with the current energy and building codes. This will include:
 - Addition to a recently installed partial fire sprinkler system, replacement of the pneumatic control system with Andover digital controls;
 - Replacement/retrofit of air handling equipment;
 - Upgrade of electrical switchgear and transformers;
 - Replacement of the existing network system;
 - Provide a new temperature control system for the greenhouse; and
 - Accessibility upgrades.

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Project Budget			MSU ITEM 5
	BOR Approved August 2023	Additional Request	Revised Budget
	\$ 5,555,561	\$ 37,800,439	\$ 43,356,000
Construction	\$ 1,776,883	\$ 32,453,267	\$ 34,230,150
Professional Services	\$ 3,343,346	\$ 982,592	\$ 4,325,938
FF&E	\$ 0	\$ 2,340,601	\$ 2,340,601
Administrative Cost	\$ 69,767	\$ 307,260	\$ 377,027
BOR Directed Fees (1% Landscape Enhancements, 1% Public Art, and 2.4% FP&C Fee)	\$ 139,310	\$ 1,256,845	\$ 1,396,155
Contingency	\$ 226,255	\$ 459,874	\$ 686,129

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Recommendation	ITEM 5
<ul style="list-style-type: none"> ▪ Approve <ul style="list-style-type: none"> (i) expenditures to award a Construction Manager-Agent (“CMA”) Agreement and authorize project management assist services for the Bolin Hall Renovation and Expansion project; (ii) accept the Design-Build (“DB”) Guaranteed Maximum Price (“GMP”); (iii) increase the budget by \$37,800,439 for a total project budget of \$43,356,000; (iv) report the project to the Texas Higher Education Coordinating Board (“THECB”); and (v) amend the Design-Build Agreement. ▪ The total expenditures of \$43,356,000 which includes the previously approved \$5,555,561 will be funded with a gift (\$5.0M cash) and through the Revenue Finance System (“RFS”), repaid with Capital Construction Assistance Projects (“CCAP”) Legislative appropriations. 	

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Texas Tech University Health Sciences Center

ITEM 6

Approve the total project budget for the Preston Smith Library – Third Floor Renovation project and accept the Competitive Sealed Proposal Contract Sum

Billy Breedlove



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Aerial Map

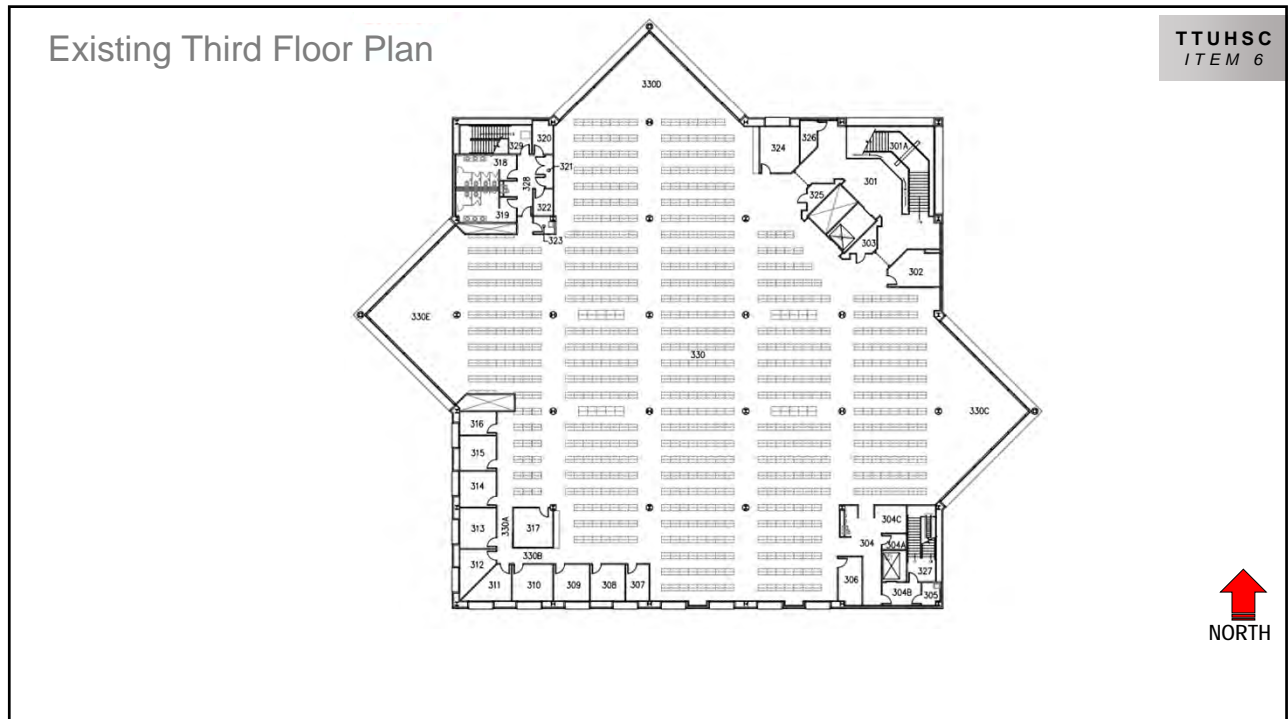
TTUHSC
ITEM 6



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Third Floor Interior Photos

TTUHSC
ITEM 6



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Third Floor Renovation Plan

TTUHSC
ITEM 6

LEGEND

- Open Study Area
- Group Study Room
- Study Room
- Tranquility Room
- Break/Vending
- Restroom
- Media Room
- Media Specialist Office
- Print/Copy



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Project Overview

TTUHSC
ITEM 6

- The Preston Smith Library constructed in 1998, contains 116,958 GSF.
- Project will reconfigure the entire Third Floor of 29,837 GSF to include:
 - Student study rooms and open study spaces with new furniture;
 - Lobby vending area; and
 - A student coffee lounge area.
 - Existing restrooms will undergo a full renovation.

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Project Budget

TTUHSC
ITEM 6

	BOR Approved February 2023	Additional Request	Revised Budget
	\$ 549,354	\$ 6,450,646	\$ 7,000,000
Construction	\$ 0	\$ 4,852,590	\$ 4,852,590
Professional Services	\$ 460,500	\$ 84,063	\$ 544,563
FF&E	\$ 0	\$ 1,136,599	\$ 1,136,599
Administrative Cost	\$ 27,208	\$ 172,910	\$ 200,118
BOR Directed Fees* (2.4% FP&C Fee)	\$ 12,875	\$ 151,187	\$ 164,062
Contingency	\$ 48,771	\$ 53,297	\$ 102,068

** Fee for 1% Landscape Enhancements and 1% Public Art - Waived*

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Recommendation

ITEM 6

- Authorize to
 - (i) accept the Competitive Sealed Proposal (“CSP”) Contract Sum for the Preston Smith Library Third Floor Renovation project;
 - (ii) increase the budget by \$6,450,646 for a total project budget of \$7,000,000;
 - (iii) report the project to the Texas Higher Education Coordinating Board (“THECB”); and
 - (iv) award the Competitive Sealed Proposal Agreement.
- The total project budget which includes the previously approved \$549,354 will be funded with Higher Education Funds (“HEF”) (cash), Institutional Funds (cash), and/or Gifts.



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Texas Tech University Health Sciences Center El Paso

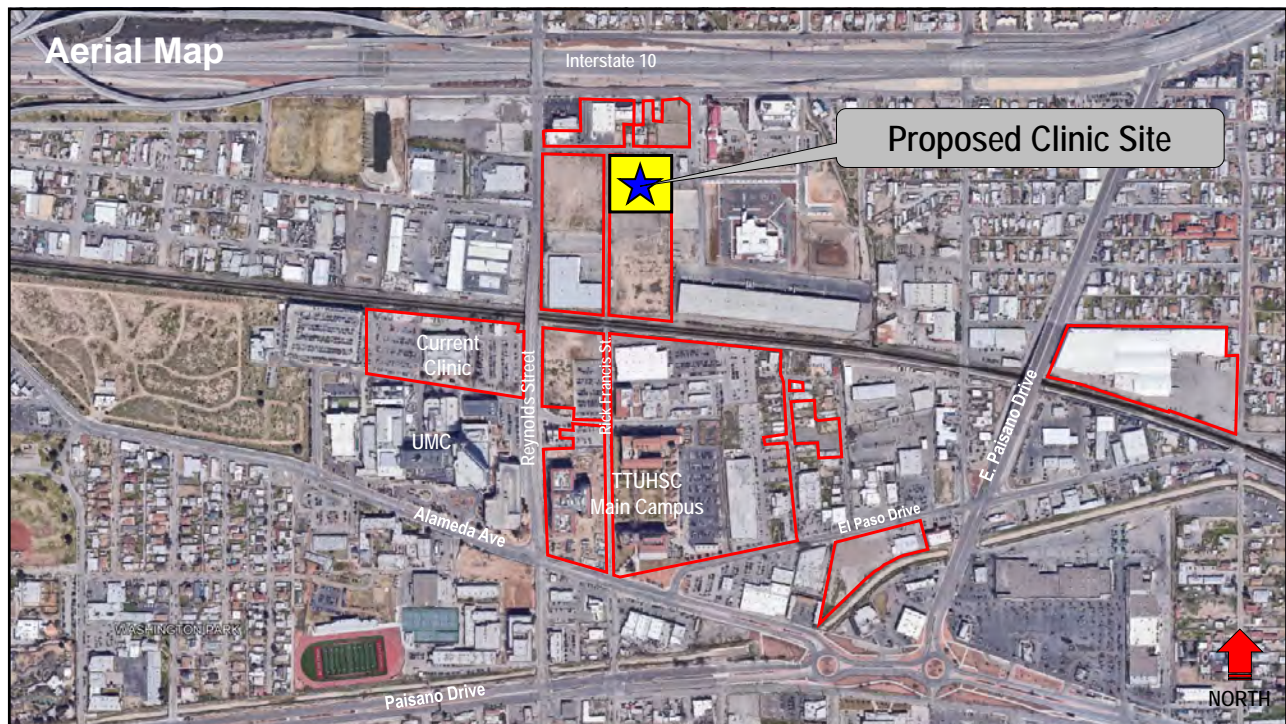
ITEM 7

Approve concept and authorize expenditures of the Clinical Sciences Building project for Design Professional Stage I design services

Billy Breedlove



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Scope of Services

TTUHSC
EL PASO
ITEM 7

- Execute a Design Professional Agreement, and authorize Stage I design services to move forward on the project's vision through:
 - Programming;
 - Schematic Design ("SD");
 - Provide a Statement of Probable Cost; and
 - Project Schedule.

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Project Overview

TTUHSC
EL PASO
ITEM 7

- Project will construct an approximate 160,000 GSF, three to four story facility with approximately 120,000 GSF to be built out at the time of completion.
- The balance of the building, 40,000 GSF will be designated as shell space for future program expansion.
- The facility will house clinics for internal medicine, neurology, obstetrics and gynecology, ophthalmology, orthopedics, surgery, etc., which includes the following features:
 - Approximately 155 examination/ procedure rooms for all disciplines.
 - Support areas for the clinical operations (nurse's stations, triage/vitals, laboratory support, medicine storage, clinical supply rooms, waiting areas, and other support spaces).

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Project Overview (cont.)

TTUHSC
EL PASO
ITEM 7

- Administration, clinical providers, clinical support offices and touchdown spaces.
- Resident touchdown spaces and classroom areas.
- Building support rooms (IT, mechanical, electrical, receiving, etc.).
- Other ancillary spaces (restrooms, break areas, student study areas, etc.).
- Parking.

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Project Budget		TTUHSC EL PASO ITEM 7
		Budget Request
		\$ 2,007,180
Construction		\$ 0
Professional Services		\$ 1,877,527
FF&E		\$ 0
Administrative Cost		\$ 0
BOR Directed Fees		\$ 47,043
(1% Landscape Enhancements, 1% Public Art, and 2.4% FP&C Fee)		
Contingency		\$ 82,610

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Recommendation	ITEM 7
<ul style="list-style-type: none"> ▪ Approve <ul style="list-style-type: none"> (i) expenditures of \$2,007,180 to provide planning and design services for the Clinical Sciences Building project, with an anticipated project budget of \$120,000,000; (ii) award a Design Professional ("DP") Agreement; and (iii) authorize Stage I design services. ▪ The expenditures will be funded through the Revenue Finance System ("RFS") repaid with Capital Construction Assistance Projects ("CCAP") Legislative appropriations (\$59,897,111), gift funds, and institutional funds. 	

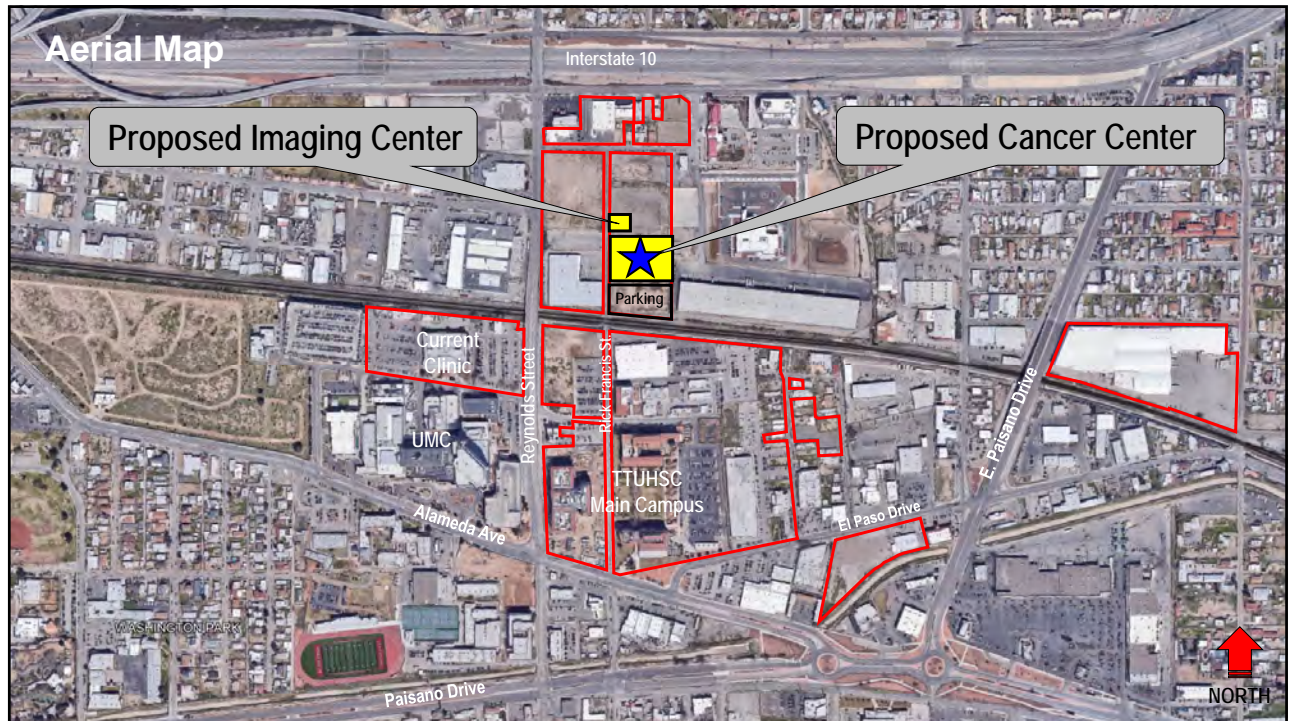
72

Approve concept and authorize expenditures of the Comprehensive Cancer Center project for Design Professional Stage I design services

Billy Breedlove



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Scope of Services

TTUHSC
EL PASO
ITEM 8

- Execute a Design Professional Agreement, and authorize Stage I design services to move forward on the project's vision through:
 - Programming;
 - Schematic Design ("SD");
 - Provide a Statement of Probable Cost; and
 - Project Schedule.

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Project Overview

TTUHSC
EL PASO
ITEM 8

- Project will construct an approximate 90,000 GSF multi-story facility to provide cancer screening and to improve cancer treatments and outcomes.
- The proposed new facility will include:
 - Stand-alone single story imaging center containing approximately 20,000 GSF. This imaging center will be shared by the new TTUHSC El Paso Clinical Sciences Building that will be constructed adjacent to this facility.
 - The imaging center will contain approximately 12,000 GSF of imaging space which will include numerous machines and diagnostic equipment including X-rays, PETs, CTs, MRIs, Mammogram equipment, Radiology/Fluoroscopy equipment, Ultrasound equipment as well as a host of other treatment and diagnostic equipment.
 - Approximately 8,000 GSF of the imaging center will be dedicated to clinical support space that includes the common areas, clinical support, and space such as waiting rooms, nurse's stations, vital collection areas, doctor collaboration areas, and resident touchdown areas.

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Project Overview (cont.)

TTUHSC
EL PASO
ITEM 8

- An Oncology Center with approximately 70,000 GSF that includes:
 - A Medical Oncology Clinic that includes approximately 11,500 GSF that will house numerous patient exam rooms, patient consultation rooms, patient procedure rooms as well as support areas for clinical operations.
 - A Radiation Oncology Clinic that includes approximately 11,000 GSF that includes patient exam rooms, patient dressing rooms, support areas, two linear accelerators and a computer tomograph simulator.
 - An Infusion Clinic that includes approximately 11,300 GSF that will include patient treatment open bays, patient treatment shell open bay space, patient private rooms, patient consultation rooms and support space for clinical operations.
 - The remaining 36,200 SF will include:
 - Resident touchdown space;
 - Clinical support and non-assignable square footage for the administration;
 - Common areas; and building support spaces.

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Project Budget

TTUHSC
EL PASO
ITEM 8

	Budget Request
	\$ 1,725,150
Construction	\$ 0
Professional Services	\$ 1,613,713
FF&E	\$ 0
Administrative Cost	\$ 0
BOR Directed Fees (1% Landscape Enhancements, 1% Public Art, and 2.4% FP&C Fee)	\$ 40,433
Contingency	\$ 71,004

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Recommendation

ITEM 8

- Approve
 - (i) expenditures of \$1,725,150 to provide planning and design services for the Comprehensive Cancer Center project, with an anticipated project budget of \$95,000,000;
 - (ii) award a Design Professional ("DP") Agreement; and
 - (iii) authorize Stage I design services.
- The expenditures will be funded through the Revenue Finance System ("RFS") repaid with a Legislative Appropriation from the 88th Texas Legislative Regular Session (\$65,000,000 of general revenue), gift funds, and institutional funds.



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Texas Tech University System

ITEM 9

Report on Facilities Planning and Construction projects (project data as of 10/25/2023)

Billy Breedlove



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TTU
Centennial
Public Art
100 Reflections

Art Budget: \$150,000 - \$300,000 (to be raised by TTAA)

Artist: Randy Walker
 Minneapolis, MN

Title: *100 Reflections*

Status: Design approved, fundraising in progress

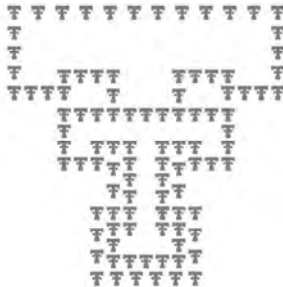
Artist Statement: *100 Reflections* celebrates Texas Tech at 100 years. It is both one and many; singular and open-ended. Like the university itself, there are many ways of experiencing it: from up close and from a distance, grounded and reaching for the sky. The flat Double T has been transformed from a flat graphic to an environment, constantly shifting with changing light and the generations of students who come to view it.



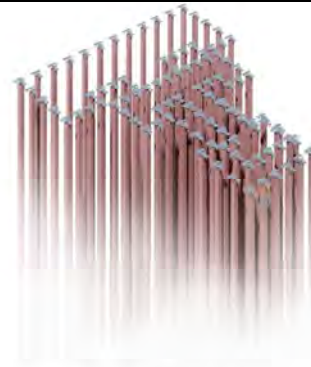
81



1 Double T



100 Double Ts



100 Double Ts rising

Texas Tech's Centennial Year is a time for reflecting on the past and looking to the future. In the one hundred years of its existence, Texas Tech University has grown exponentially. From an initial 910 students in 1923 to a current student enrollment that exceeds 40,000, Texas Tech now includes academic programs that have made it a nationally renowned institution of higher learning.

Texas Tech's iconic Double T logo is the singular symbol that encompasses the school's spirit of strong academics, sports and campus traditions. The Double T, through its design variations and expressions on signs, scoreboards, websites, catalogues and apparel has remained instantly recognizable as a two-dimensional graphic. To celebrate one hundred years of Texas Tech, the familiar Double T can be re-imagined. *100 reflections* will be an artwork that unlocks the Double T's potential as an immersive, three-dimensional sculptural form. The sculpture's form is generated by extracting 100 smaller, individual Double Ts from a single logo. As points in space, rather than lines, the familiar Double Ts are now legible because we complete them in our minds. Next, the 100 Double Ts are rotated in space as if they are rising from the ground. Tracing their rotation with 100 vertical posts suddenly reveals a complex, layered three-dimensional field. Because they are rotated both vertically and horizontally, each vertical pole is a unique height.

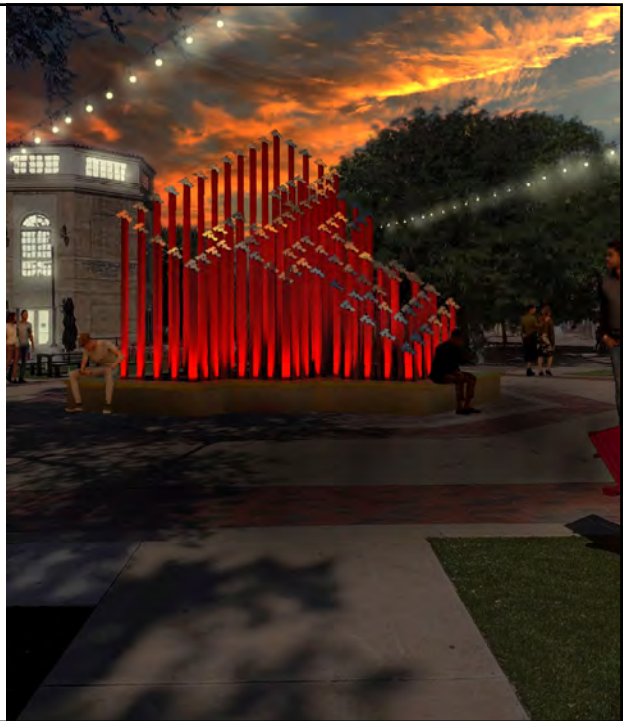
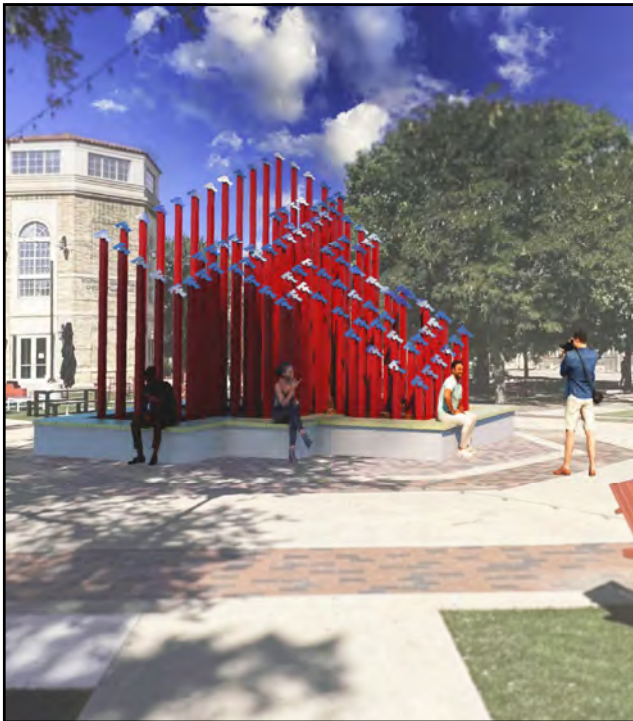
100 reflections celebrates Texas Tech at 100 years. It is both one and many; singular and open-ended. Like the University itself, there are many ways of experiencing it: from up close and from a distance, grounded and reaching for the sky. The flat Double T has been transformed from a flat graphic to an environment, constantly shifting with changing light and the generations of students who come to view it.

82



100 reflections will take on different characters as one moves around it. From its shortest vertical column, representing the school's modest founding in 1923 to the tallest column, representing the dramatic increase in enrollment in 2023.

83



84

TTU-NRHC The Cash Family Ranch Life Learning Center

Ribbon Cutting October 12, 2023

Current Budget: \$ 8,200,000

Gross Square Feet: 19,897 GSF Exterior
3,500 GSF Interior

Team / Status:

- Design Professional:
Condray Design Group
- Construction Manager At Risk (CMAR):
Teinert Construction, Inc.
- Public Art: September 2023 Installed
Paul Reimer - Artist



85



86



87



88

TTU Rip Griffin Park Expansion & Renovation

Current Budget: \$ 14,465,342

Gross Square Feet: 10,800 GSF Renovation
14,342 GSF Addition

Team / Status:

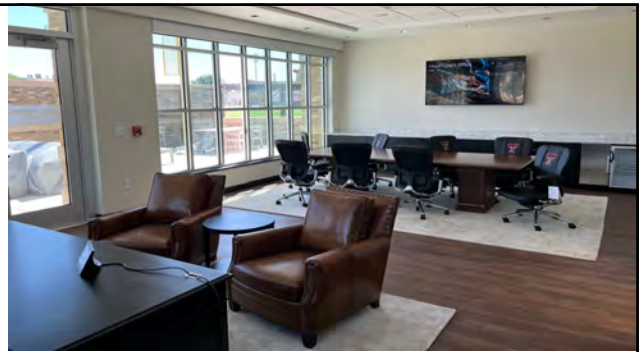
- Design Professional:
Populous, Inc @ 86%.
- Construction Manager At Risk (CMAR):
Teinert Construction, Inc. @ 85%
- Construction Manager Agent (CMA): Waived
- Landscape Enhancement: Waived
- Public Art: Waived

Substantial Completion:

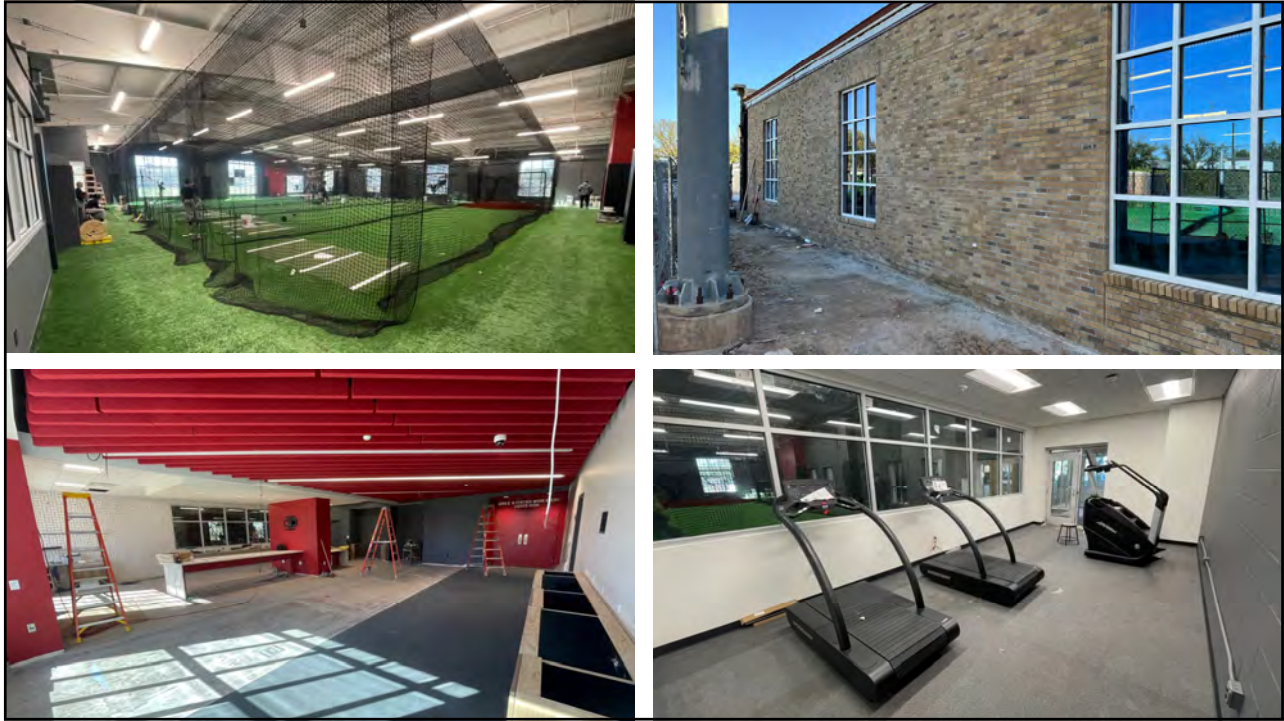
Addition: February 2023
Actual Date: May 1, 2023
Renovation: October 2023
Actual Date: TBD



89



90



91

TTU Rip Griffin Park Expansion & Renovation

Construction Delivery: CMAR

	BOR Appr (Full) 11/2021 14,342 GSF New 10,800 GSF Reno B	Previous Budget As Of 8/2023 14,342 GSF New 10,800 GSF Reno C	Current Budget As Of 10/25/2023 14,342 GSF New 10,800 GSF Reno D	+ / (-) Change D-C	
BUDGET	\$ 14,465,342	\$ 14,465,342	\$ 14,465,342	\$ -	
CATEGORY					
Construction	\$ 10,645,405	\$ 11,332,812	\$ 11,332,812	\$ -	
Professional Services	\$ 1,262,957	\$ 1,235,386	\$ 1,235,386	\$ -	
FF&E	\$ 1,769,040	\$ 1,504,040	\$ 1,504,040	\$ -	
Administrative	\$ 37,460	\$ 33,460	\$ 33,460	\$ -	
Project Contingency	\$ 411,446	\$ 20,610	\$ 20,610	\$ -	
<i>Regents' Rules</i>	\$ 339,034	\$ 339,034	\$ 339,034	\$ -	
TOTAL	\$ 14,465,342	\$ 14,465,342	\$ 14,465,342	\$ -	
PARTNERS					
Construction Manager	Teinert Construction, Inc.				
Design Professional	Populous, Inc.				
CM Agent	Waived				
Tier 2 Auditor	Waived				

92

ASU Carr Hall Renovation

Current Budget: \$ 8,561,645

Gross Square Feet: 19,553 GSF

Team / Status:

- Design Build Team:
 - Design Professional:
 - O'Connell Robertson @ 77%
 - Contractor
 - Hoar Construction @ 34%
- Construction Manager Agent (CMA): Waived
- Landscape Enhancement: Waived
- Public Art: Waived

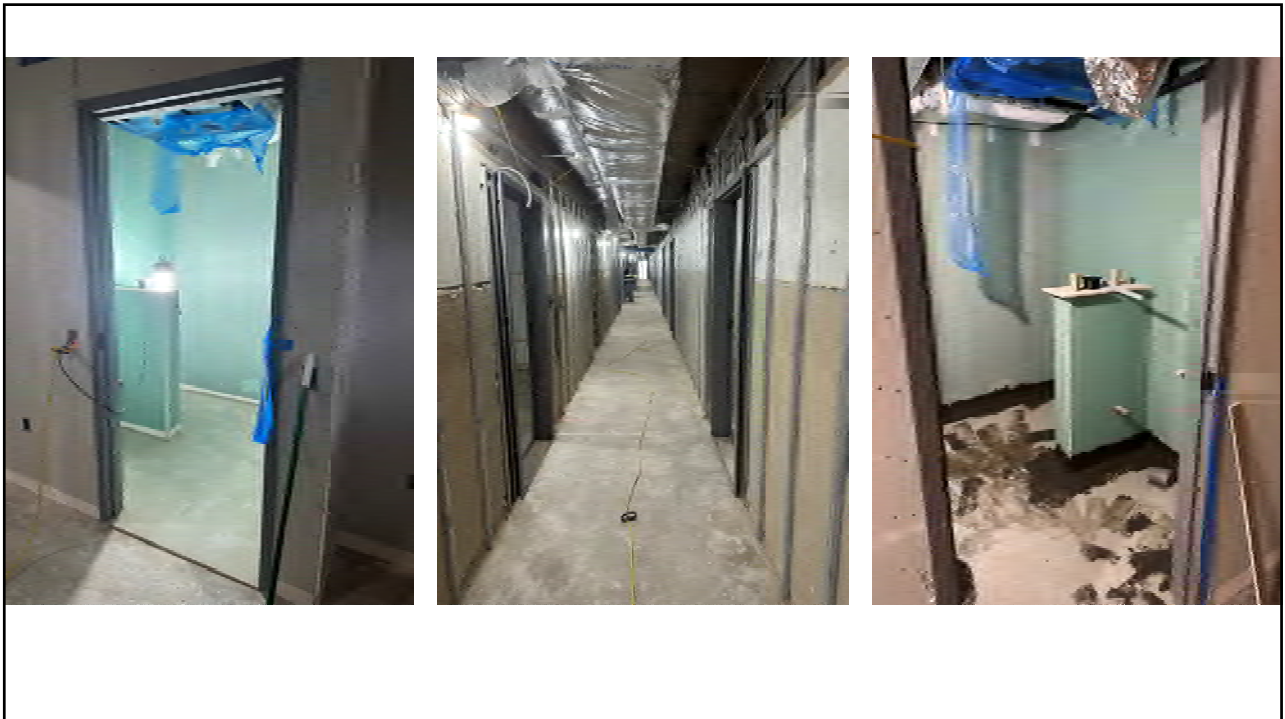
Substantial Completion:

Original Date: February 2024

Actual Date: TBD



93



94

ASU Carr Hall Renovation

Construction Delivery: DB

BUDGET	BOR Appr (Full)	Previous Budget As Of	Current Budget As Of	+ / (-) Change D-C	NOTES
	5/2023 19,553 GSF B	08/2023 19,553 GSF C	10/25/2023 19,553 GSF D		
	\$ 8,561,645	\$ 8,561,645	\$ 8,561,645	\$ -	
CATEGORY					
Construction	\$ 7,328,125	\$ 7,328,125	\$ 7,380,387	\$ 52,262	Procurement of data cabling needed for security system. Fund Testing and Balancing contract.
Professional Services	\$ 551,500	\$ 559,300	\$ 587,432	\$ 28,132	
FF&E	\$ 332,500	\$ 332,500	\$ 307,500	\$ (25,000)	
Administrative	\$ 38,300	\$ 38,300	\$ 38,300	\$ -	
Project Contingency	\$ 110,556	\$ 102,756	\$ 47,362	\$ (55,394)	
<i>Regents' Rules</i>	\$ 200,664	\$ 200,664	\$ 200,664	\$ -	
TOTAL	\$ 8,561,645	\$ 8,561,645	\$ 8,561,645	\$ -	

PARTNERS

Construction Manager Hoar Construction
 Design Professional O'Connell Robertson
 CM Agent N/A
 Tier 2 Auditor Townsend

95

ASU Elta Joyce Murphey Auditorium Renovation

Current Budget: \$ 6,000,000

Gross Square Feet: 5,679 GSF

Team / Status:

- Design Professional: PBK Architects @ 75%
- Construction Manager At Risk (CMAR): Western Builders @ 0%
- Construction Manager Agent (CMA): Waived
- Landscape Enhancement: Waived
- Public Art: Waived

Substantial Completion:

Original Date: TBD

Actual Date: TBD



96



97

ASU Elta Joyce Murphey Auditorium Renovation

Construction Delivery: CMAR

	BOR Appr (Full) 8/11/2023 5,679 GSF B	Previous Budget As Of 8/2023 5,679 GSF B	Current Budget As Of 10/25/2023 5,679 GSF D	+ / (-) Change D-C	NOTES
BUDGET	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ -	
CATEGORY					
Construction	\$ 5,019,500	\$ 5,019,500	\$ 5,019,500	\$ -	
Professional Services	\$ 625,796	\$ 625,796	\$ 625,796	\$ -	
FF&E	\$ 104,649	\$ 104,649	\$ 104,649	\$ -	
Administrative	\$ 27,905	\$ 27,905	\$ 27,905	\$ -	
Project Contingency	\$ 81,534	\$ 81,534	\$ 81,534	\$ -	
<i>Regents' Rules</i>	\$ 140,616	\$ 140,616	\$ 140,616	\$ -	
TOTAL	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ -	

PARTNERS

Construction Manager Western Builders
 Design Professional PBK Architects
 CM Agent Waived
 Tier 2 Auditor Waived

98

TTU Academic Sciences Building

Projected Budget: \$ 112,500,000

Gross Square Feet: 131,411 GSF

Team / Status:

- Design Professional:
Barnes Gromatzky Kosarek Architects, Inc. @ 88%
- Construction Manager At Risk (CMAR):
Western Builders of Amarillo, Inc. @ 63%
- Construction Manager Agent (CMA): Waived
- Landscape Enhancement: Waived
- Public Art: Waived

Substantial Completion:

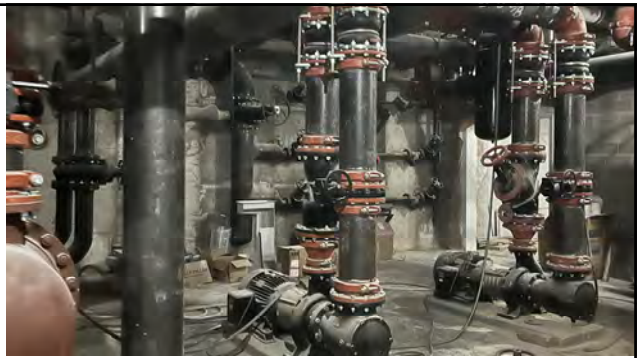
Original Date: February 2024

Amended Date: May 2024

Actual Date: TBD



99



100

TTU Academic Sciences Building

Construction Delivery: CMAR

BUDGET	BOR Appr (GMP) 4/2022 129,254 GSF	Previous Budget As Of 8/2023 131,411 GSF	Current Budget As Of 10/25/2023 131,411 GSF	+ / (-) Change D-C	NOTES
	B	C	D		
	\$ 112,500,000	\$ 112,500,000	\$ 112,500,000	\$ -	
CATEGORY					
Construction	\$ 93,406,886	\$ 93,406,886	\$ 93,406,886	\$ -	
Professional Services	\$ 7,857,451	\$ 7,857,451	\$ 7,857,451	\$ -	
FF&E	\$ 5,035,632	\$ 5,035,632	\$ 5,035,632	\$ -	
Administrative	\$ 375,078	\$ 375,078	\$ 375,078	\$ -	
Project Contingency	\$ 3,188,234	\$ 3,188,234	\$ 3,188,234	\$ -	
Regents' Rules	\$ 2,636,719	\$ 2,636,719	\$ 2,636,719	\$ -	
TOTAL	\$ 112,500,000	\$ 112,500,000	\$ 112,500,000	\$ -	

PARTNERS
 Construction Manager Western Builders of Amarillo, Inc.
 Design Professional Barnes Gromatzky Kosarek Architects, Inc.
 CM Agent Waived
 Tier 2 Auditor CBIZ

Texas Tech University System

ITEM 9

Projects – In Design

ASU Central Plant Renovation and Addition(CCAP)

Status: Stage II Design / Pre-Con

Current Budget: \$ 2,872,087

Projected Budget: \$ 36,000,000

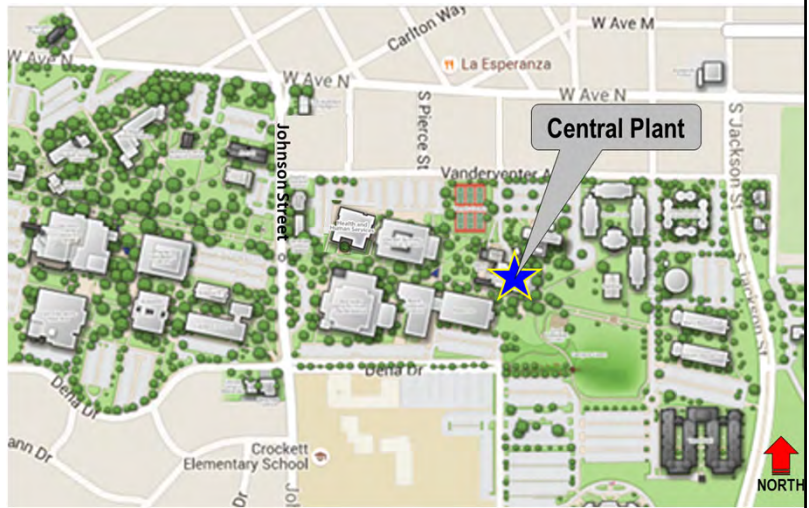
Gross Square Feet: N/A

Team / Status:

- Design Build Team:
Design Professional - Sims Architects, Inc.
Contractor - Western Builders
- Construction Manager Agent (CMA): TBD
- Landscape Enhancement: Waived
- Public Art: Waived

Substantial Completion:

Original Date: TBD
Actual Date: TBD



103

ASU Aviation Program Training Facility

Status: Stage II Design / Pre-Con

Current Budget: \$ 514,782

Projected Budget: \$ 6,200,000

Gross Square Feet: 14,450 GSF

Team / Status:

- Design Professional:
KFW Architects AIA
- Construction Manager At Risk (CMAR):
Hoar Construction
- Construction Manager Agent (CMA):
Waived
- Landscape Enhancement: Waived
- Public Art: Waived

Substantial Completion:

Original Date: TBD
Actual Date: TBD



104

ASU Concho Hall Demolition

Status: Stage II Design

Current Budget: \$ 486,650

Projected Budget: \$ 5,000,000

Gross Square Feet: 99,483 GSF

Team / Status:

- Design Professional:
R2M Engineering
- Construction Manager At Risk (CMAR):
TBD
- Construction Manager Agent (CMA):
Waived
- Landscape Enhancement: Waived
- Public Art: Waived

Substantial Completion:

Original Date: TBD

Actual Date: TBD



105

MSU Bolin Hall Renovation and Expansion

Status: Stage II Design / Pre-Con

Current Budget: \$ 5,555,561

Projected Budget: \$ 43,356,000

Gross Square Feet: 55,000 GSF Renovation
7,500 GSF Addition

Team / Status:

- Design Build Team:
Design Professional – Corgan
Contractor – Whiting-Turner Contracting Co.
- Construction Manager Agent (CMA):
TBD
- Public Art: Selection in progress

Substantial Completion Date:

Original Date – TBD

Actual Date – TBD



106

TTUHSC Preston Smith Library 3rd Floor Renovation

Status: Stage II Design Complete

Current Budget: \$ 549,354

Projected Budget: \$ 9,000,000

Gross Square Feet: 29,837 GSF

Team / Status:

- Design Professional (Contracted with TTUHSC):
Page Southerland Page, Inc.
Fanning, Fanning & Assoc., Inc.
- Competitive Sealed Proposal (CSP):
TBD
- Construction Manager Agent (CMA): Waived
- Landscape Enhancement: Waived
- Public Art: Waived

Substantial Completion:

Original Date: TBD

Actual Date: TBD



107

TTUHSC Laboratory Animal Resource Center Expansion (LARC)

Status: Stage II Design / Pre-Con

Current Budget: \$ 3,738,096

Projected Budget: \$ 15,000,000

Gross Square Feet: 13,962 GSF

Team / Status:

- Design Professional:
Sims Architects, Inc.
- Construction Manager At Risk (CMAR): TBD
- Construction Manager Agent (CMA): Waived
- Landscape Enhancement: Waived
- Public Art: Waived

Substantial Completion Date:

Original Date: TBD

Actual Date: TBD



108

TTUHSC 5B West Research Lab Renvation

Status: Stage I

Current Budget: \$ 244,219

Projected Budget: \$ 11,000,000

Gross Square Feet: 12,700 GSF

Team / Status:

- Design Professional: Sims Architects, Inc.
- Construction Manager At Risk (CMAR): TBD
- Construction Manager Agent (CMA): N/A
- Landscape Enhancement: TBD
- Public Art: TBD

Substantial Completion Date:
Original Date: TBD
Actual Date: TBD

NORTH

109

TTUHSC Midland PA New Addition (CCAP)

Status: New Building - Stage I Design
Road – Substantially Complete

Current Budget: \$ 2,500,000

Projected Budget: \$ 18,700,000

Team / Status:

- Design Professional: Parkhill
- Construction Manager At Risk (CMAR): Adolfsen & Peterson Construction
- Construction Manager Agent (CMA): Project Controls
- Landscape Enhancement: Waived
- Public Art: Waived

Substantial Completion Date:
Original Date – TBD
Actual Date – TBD

NORTH

110

TTU Huckabee College of Architecture

Status: Stage I Design

Current Budget: \$ 49,000

Projected Budget: \$ 30,000,000

Gross Square Feet: 154,408 GSF

Team / Status:

- Design Professional:
Huckabee & Associates
- Construction Manager At Risk (CMAR):
TBD
- Construction Manager Agent (CMA):
TBD
- Landscape Enhancement: TBD
- Public Art: TBD

Substantial Completion Date:

Original Date – TBD

Actual Date – TBD



111

Texas Tech University

ITEM 9

Projects Managed by TTU Operations

112

TTU Biology Building Renovation

Current Budget: \$ 8,399,000

Gross Square Feet: 144,940 GSF

Team / Status:

- Replace Plumbing/Hot Water System \$1,500,000
Design Professional: Jacobs, Inc.
Contractor: TBD
- Renovate Restrooms for ADA \$1,000,000
Design Professional: Huckabee (in design)
Contractor: TBD
- ADA/Life Safety Renovations \$500,000
Design Professional: Huckabee/Operations (in design)
Contractor: TBD
- Renovate Classrooms and Class Labs \$3,399,000
Design Professional: Operations/Huckabee
Contractor: Amstar/TBD
- Renovate Lecture Hall 100 \$2,000,000
Design Professional: Huckabee (in design)
Contractor: TBD



113

TTU Science Building Renovation

Current Budget: \$ 16,181,000

Gross Square Feet: 109,343 GSF

Team / Status:

- HVAC and Building Controls Upgrade \$2,000,000
Design Professional: TBD
Contractor: TBD
- Abate and Replace flooring \$300,000
Design Professional: TBD
Contractor: TBD
- Exterior Building Repairs \$1,000,000
Design Professional: TBD
Contractor: TBD
- Accessibility Upgrades \$31,000
Design Professional: TBD
Contractor: TBD
- Renovate Machine and Technology Shops \$2,000,000
Design Professional: TBD
Contractor: TBD
- Renovate Classrooms and Class Labs \$4,000,000
Design Professional: HDR, Inc. – in programming/study
Contractor: TBD
- Elevator and Machine Room Upgrades \$700,000
Design Professional: TBD
Contractor: TBD
- Electrical Upgrades and Emergency Generator \$700,000
Design Professional: TBD
Contractor: TBD
- Life Safety Upgrades \$5,450,000
Design Professional: TBD
Contractor: TBD



114

TTU Experimental Sciences Building Controls

Current Budget: \$ 4,350,000

Gross Square Feet: 113,304 GSF

Team / Status:

- Building Controls Replacement \$4,000,000
Design Professional: Fanning, Fanning & Assoc.
Contractor: Control Technologies, Inc. (under construction)
- Switchgear Modification \$350,000
Design Professional: Operations Division
Contractor: Operations/Control Technologies, Inc.



115

TTU Chemistry Building

Current Budget: \$ 11,274,100

Gross Square Feet: 177,142 GSF

Team / Status:

- Abate and replace flooring tile \$1,500,000
Design Professional: TBD
Contractor: TBD
- Repair and replace HVAC system components and building controls \$1,274,100
Design Professional: TBD
Contractor: TBD
- Renovate restrooms for ADA/code compliance \$1,000,000
Design Professional: TBD
Contractor: TBD
- Replace ceiling and lighting systems \$1,300,000
Design Professional: TBD
Contractor: TBD
- Renovate class labs \$3,500,000
Design Professional: TBD
Contractor: TBD
- Renovate classrooms \$700,000
Design Professional: TBD
Contractor: TBD
- HVAC renovation to reduce negative pressure throughout the building \$1,000,000
Design Professional: Fanning, Fanning & Associates Inc. (in Design)
Contractor: TBD
- Replace freight elevator \$1,000,000
Contractor: Elevated, Inc.



116

Status of Public Art

117

TTU-NRHC The Cash Family Ranch Life Learning Center

Art Budget: \$ 74,500

Artist: Paul Reimer
Cranbrook, BC, Canada

Title: *What The Wind and The Grass Have Seen*

Status: September 2023 Installed

Artist Statement: This artwork will be a celebration of the history and tradition of ranching in Texas and of the land that sustains it. It will be hand-forged, using centuries-old blacksmithing techniques. It honors the hard work and spirit of the men and women who pioneered ranching. It also speaks to the dedication and vision of modern-day ranchers who work to improve the sustainability of their industry and to contribute to the health and vitality of their communities and to the planet.



118