Facilities Committee

Billy Breedlove
Vice Chancellor - Facilities Planning & Construction
May 4-5, 2023
Approve total project budget for the Carr Hall Renovation project and accept the Design-Build GMP

Billy Breedlove
Unit Mix – Isometric
First Floor Plan

UNIT E
BEDROOM
LIVINGROOM
*Furniture layout is flexible

UNIT A
BEDROOM
UNIT "A1" 107
UNIT "E2" 123
UNIT "E5" 124

NORTH
Artist Rendering of the Commons Area
Project Overview

- Complete interior renovation of Carr Hall, a 19,553 GSF, two-story structure built in 1959. The project will renovate and modernize the campus residential facility with a 64-bed count and includes:
  - Renovating the residence hall rooms to meet the current housing trends, and offer hoteling opportunities;
  - Lobby, office, and common spaces;
  - HVAC distribution system and controls;
  - Plumbing distribution and fixtures;
  - Electrical distribution / switchgear, network cabling & technology upgrades;
  - Life safety systems - fire alarm, fire suppression, elevator;
  - Accessibility compliance; and
  - Furniture, fixtures, and equipment.
# Project Budget

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<th>BOR Approved November 2022</th>
<th>Additional Request</th>
<th>Revised Budget</th>
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* Fee for 1% Landscape Enhancements and 1% Public Art - Waived
Recommendation

- Approve (i) acceptance of the Guaranteed Maximum Price ("GMP") for construction of the Carr Hall Renovation project; (ii) increase the budget by $6,465,612 for a total project budget of $8,561,645; (iii) report the project to the Texas Higher Education Coordinating Board ("THECB"); and (iv) amend the Design-Build Agreement.

- The total project budget funded with Institutional Cash and through the Revenue Finance System ("RFS"), repaid with Institutional Cash.
Authorize expenditures of the Elta Joyce Murphey Auditorium Renovation project for Construction Manager At Risk Pre-construction services

*Billy Breedlove*
Existing Basement Floor Plan

Work in this area will be determined by the project budget and construction cost.
Existing First Floor Plan
Existing Second Floor Plan
Auditorium Interior Photos
Award a Construction Manager At Risk Agreement to provide pre-construction activities associated with the planning and design process:

- Project evaluation;
- Site analysis;
- Constructability review;
- Value engineering;
- Scheduling;
- Cost control; and
- Development of a Guaranteed Maximum Price ("GMP").
Project Overview

- Project will address life/safety and accessibility issues for the existing 8,205 SF, 400+ seat auditorium theatre and support spaces located inside the Sol Mayer Administration Building built in 1947.

- Proposed renovation of 5,679 SF, excludes below stage areas (dressing rooms, restrooms, etc.).

- Expansion of approximately 598 GSF to accommodate additional restroom facilities for theater occupancy, accessibility and plumbing code compliance.
Project Overview (cont.)

- Update the lobby with a ticket booth, new finishes and lighting.
- Auditorium will be remodeled for accessibility compliance.
- Renovate the auditorium’s main entrance to include new steps and a TAS compliant ramp.
- Additional electrical, mechanical, and plumbing.
## Project Budget

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*Fees Waived for 1% Landscape Enhancements and 1% Public Art*
Recommendation

- Approve (i) expenditures of $237,312 for a total of $946,215 for the Elta Joyce Murphey Auditorium Renovation project, with an anticipated project budget of $6,000,000; (ii) award a Construction Manager At Risk Agreement; and (iii) authorize Pre-construction services.

- The total expenditures of $946,215 which includes the previously approved $708,903 will be funded through the Revenue Finance System ("RFS") repaid with gifts and Higher Education Funds ("HEF").
Authorize expenditures of the Central Plant Renovations and Additions project for Design-Build Stage II design services

Billy Breedlove
Angelo State University Campus
Engineering Study on Supply and Demand

See Enlarged Diagram
Scope of Services

- Amend the Design-Build Agreement for Stage II design services consisting of:
  - Design Development ("DD");
  - Construction Documents ("CD");
  - Construction Administration ("CA") Phases; and
  - Statement of Probable Cost.
Project Overview

- 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 replace the existing evaporative cooling towers with more efficient water & energy cooling towers.
- Piping will be configured to obtain more flexibility & redundancy between the chillers, chilled water pumps & condensing fluid pumps.
- The Building Automation System will be upgraded to increase efficiencies.
- Individual building efficiency and equipment are being studied for potential overall central plant efficiencies.
- The necessity for a new supplemental utility plant is being analyzed based on supply and demand models to resolve flow issues on the expanding west end of campus.
## Project Budget

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* Fees Waived for 1% Landscape Enhancements and 1% Public Art
Recommendation

- Approve (i) expenditures of $1,868,537 for a total of $2,872,087 for the Central Plant Renovations and Additions project, with an anticipated project budget of $36,000,000; (ii) amend the Design-Build Agreement; and (iii) authorize Stage II design services.

- The expenditures of $2,872,087 which includes the previously approved $1,003,550 will be funded through the Revenue Finance System ("RFS"), repaid with Capital Construction Assistance Projects ("CCAP") Legislative appropriations.
Authorize expenditures of the Aviation Program Training Facility project for Design Professional Stage I services

Billy Breedlove
Proposed ASU Aviation Campus Site Layout
Scope of Services

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

- Project will provide an approximate 14,400 GSF facility containing:
  - Classrooms,
  - Simulator rooms,
  - Open study/work cubicles,
  - Program director, chief pilot, and instructor offices;
  - A main lobby/waiting area with recruiting lounge;
  - Restrooms; and
  - Service area.
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* Fees for 1% Landscape Enhancements and 1% Public Art – Waiver Requested
Recommendation

- Approve (i) expenditures of $160,171 in order to provide planning and design services for the Aviation Program Training Facility project, with an anticipated project budget of $6,200,000; (ii) waive the use of a Construction Manager Agent (“CMA”); (iii) waive the board directed fee for landscape enhancements; (iv) waive the board directed fee for public art; and (v) award the Design Professional Agreement; and (vi) authorize Stage I design services.

- The expenditures will be funded through the Revenue Finance System (“RFS”) repaid with gifts and grants.
Approve expenditures for the West Village C Residence Hall project for Design-Build Stage II design services

Billy Breedlove
Conceptual View From Northwest
West Village C Residence Hall - Level 1

Program Legend
- CIRCULATION
- COMMON SPACE
- COMMUNITY ADVISOR UNIT
- GRADUATE STAFF UNIT
- MAIN LOBBY
- STAFF/MULTIPURPOSE ROOM
- SUPPORT SPACE
- UNIT 2A
- UNIT 4A
- UNIT 4B
West Village C Residence Hall – Level 2 and 3

Program Legend
- CIRCULATION
- COMMON SPACE
- COMMUNITY ADVISOR UNIT
- SUPPORT SPACE
- UNIT 2A
- UNIT 4A
- UNIT 4B
West Village C Residence Hall – Level 4

Program Legend
- CIRCULATION
- COMMON SPACE
- COMMUNITY ADVISOR UNIT
- SUPPORT SPACE
- UNIT 2A
- UNIT 4A
- UNIT 4B
Scope of Services

- Amend the Design-Build Agreement for Stage II design services consisting of:
  - Design Development ("DD");
  - Construction Documents ("CD");
  - Construction Administration ("CA") Phases; and
  - Statement of Probable Cost.
The project will construct West Village C, an approximate 102,234 GSF structure, located west of West Village A with an expected occupancy of 300 beds.

Room layouts will be similar to Talkington Hall and/or Murray Hall:
- Predominately 4-person suites with each student having a single room,
- 2 bathrooms shared by only 2 students in the suite, and a
- Common living area.

Common laundry facilities on each floor.

Ancillary spaces (maintenance, housekeeping, storage, and staff).
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* Fees Waived for 1% Landscape Enhancements and 1% Public Art
Recommendation

- Approve (i) expenditures of $2,447,483 for a total of $3,087,880 for the West Village C Residence Hall project, with an anticipated project budget of $45,000,000; (ii) amend the Design-Build Agreement; and (iii) authorize Stage II design services.

- The total expenditures $3,087,880 which includes the previously approved $640,397 will be funded through the Revenue Finance System (“RFS”) repaid with University Student Housing funds.
Approve exception to *Regents’ Rules* and the total project budget for the Chemistry Building Renovation project

*Billy Breedlove and Noel Sloan*
Chemistry Building
The renovation project is budgeted at $11,274,100 and will involve work in an occupied building with multiple contractors working under various contracts available to the university.

Scope of work is anticipated to extend over a 3 to 4-year period.

The budget includes the following items:
- Abate and replace flooring;
- HVAC and building control upgrades;
- Upgrade restrooms and renovate for ADA/code compliance;
- Replace ceiling and lighting systems;
- Renovate class labs;
Renovate classrooms;
Renovate HVAC to reduce negative pressure throughout the building; and
Freight elevator replacement.
Existing Interior Photos

Class Lab

Class Lab
Existing Interior Photos

Classroom

Lab
Existing Interior Photos

- Hallway
- Restroom
Recommendation

- Authorize (i) initiation of the Chemistry Building Renovation project through the Capital Construction Assistance Projects ("CCAP"); (ii) approve exception to the Regents’ Rules, Section 08.01.3, in order for the project to be managed by Texas Tech University Operations Division in lieu of TTU System Facilities Planning and Construction office; (iii) waive the use of a Construction Manager-Agent ("CMA"); (iv) waive the board directed fee for landscape enhancements; (v) waive the board directed fee for public art; (vi) report the project to the Board of Regents at regular meetings; (vii) report the project to the Texas Higher Education Coordinating Board ("THECB"); and (viii) authorize a total project budget of $11,274,100 for the Chemistry Building Renovation project.

- The project will be funded through the Revenue Finance System ("RFS"), repaid with Capital Construction Assistance Projects Legislative appropriations.
Approve honorary naming of Women’s Basketball Locker Room in honor of Marsha Sharp

Patrick Kramer
Kirby Hocutt
Recommendation

- Approve the honorary naming of the Department of Athletics’ women’s basketball locker room, located within the Dustin R. Womble Basketball Center, be named the “Marsha Sharp Women’s Basketball Locker Room,” in honor of Marsha Sharp’s long legacy to Texas Tech University Department of Athletics and its student-athletes.
- Signage for the space will specify the approved name.
Authorize expenditures of the Laboratory Animal Resources Center ("LARC") Expansion project for Design Professional Stage II design services and Construction Manager At Risk Pre-construction services

Billy Breedlove
LEGEND

- CAGE WASHING and SUPPORT
- BARRIER SUPPORT
- ANIMAL HOLDING and SUPPORT
- ANIMAL HOLDING and SUPPORT – ABSL-2
- CIRCULATION

Basement Plan – Pod C
Execute Design Professional Stage II services consisting of:
- Design Development ("DD");
- Construction Documents ("CD");
- Construction Administration ("CA") Phases;
- Statement of Probable Cost; and
- Project Schedule.
Award a Construction Manager At Risk Agreement and authorize pre-construction services associated with the planning and design processes –

- Project evaluation;
- Site analysis;
- Constructability review;
- Value engineering;
- Scheduling;
- Cost control; and
- Development of a Guaranteed Maximum Price (“GMP”).
Project Overview

- Project will expand the existing Lubbock LARC vivarium by approximately 13,962 GSF in order to meet the current and future needs of the TTUHSC research community.
- The expansion has been designed to aid in elevating research at TTUHSC by creating a facility that meets contemporary industry standards for research animal housing.
- Project will incorporate innovative technologies and advanced built-in equipment necessary for the future needs of principal investigators.
- The expansion will create a dedicated bio-exclusion (barrier) facility adjacent to the existing vivarium with the flexibility to house multiple species.
## Project Budget

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* Fees Waived for 1% Landscape Enhancements and 1% Public Art
Recommendation

- Approve (i) expenditures of $1,062,647 for a total of $1,403,486 for the Laboratory Animal Resources Center (“LARC”) project, with an anticipated project budget of $15,000,000; (ii) amend the Design Professional Agreement and authorize Stage II design services; and (iii) award a Construction Manager At Risk Agreement and authorize pre-construction services.
- The total expenditure of $1,403,486 which includes the previously approved $340,849 will be funded through the Revenue Finance System (“RFS”), repaid with Capital Construction Assistance Projects (“CCAP”) Legislative appropriations.
Report on Public Art Program

Billy Breedlove and Emily Wilkinson
TTUS - Public Art Collection Website

ttuspublicart.com
Report on Facilities Planning and Construction projects (project data as of 04/12/2023)

Billy Breedlove
JOINING FORCES
When instructor Don Bundock needed help putting together a capstone class for the construction engineering program, he found an ally in Texas Tech University System (TTU System) Vice Chancellor for Facilities Planning & Construction (FP&C) Billy Breedlove.

They wanted to give students real world experience and knew that by joining forces, they could do just that. Combining their decades of experience in the construction industry with the knowledge and resources of the FP&C team and architect Ryan Wilkens from Parkhill, the capstone course was designed to put a group of students nearing graduation in a position to have to interact with industry leaders.
THE PRESSURE IS ON
The design of the capstone course brought the students in direct contact with the FP&C team for multiple presentations.

The students were divided into four teams and required to deliver a request for qualifications (RFQ) and then a request for proposals (RFP) to the TTU System Building by a designated time on a designated date.

Deadlines were set in stone and each step along the way the teams were forced to defend their proposals to the assembled group during an interview process.
CROWNING A WINNER
The FP&C team graded the students throughout the project using the same metrics they use to grade contractors for jobs with the TTU System.

A winning team was selected out of the four groups, but winning wasn’t the only goal. By challenging students, taking them out of their comfort zone and putting them into a board room, the FP&C team helped create an immersive educational experience that will benefit students for the rest of their careers.
The capstone course was featured in Texas Monthly as part of Texas Tech’s From Here, It’s Possible campaign.
TOURING THE FUTURE
The collaboration for the capstone was a fresh concept, but Bundock and Breedlove working together for students was nothing new.

Early in the fall semester Breedlove and the FP&C team took another of Bundock’s classes – primarily made up of first-year students – on a tour of the Academic Sciences building construction site.

Students in the class got a first-hand look at a job site and were walked through the planning and construction of a massive project.

“We have one of the greatest teaching platforms right at our front door.”
TTU – Academic Sciences Building

**Current Budget:** $112,500,000

**Gross Square Feet:** 131,411 GSF

**Team / Status:**
- **Design Professional:** Barnes Gromatzky Kosarek Architects, Inc. @ 82%
- **Construction Manager At Risk (CMAR):** Western Builders of Amarillo, Inc. @ 31%
- **Construction Manager Agent (CMA):** Waived
- **Landscape Enhancement:** Waived
- **Public Art:** Waived

**Substantial Completion Date:**
- **Original Date – February 2024**
- **Actual Date – TBD**
## TTU – Academic Sciences Building

### Construction Delivery: CMAR

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### PARTNERS
- **Construction Manager**: Western Builders of Amarillo, Inc.
- **Design Professional**: Barnes Gromatzky Kosarek Architects, Inc.
- **CM Agent**: Waived
- **Tier 2 Auditor**: CBIZ
TTU – NRHC Ranch Life Learning Center

Status: Under Construction

Current Budget: $8,200,000

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

Team / Status:
• Design Professional: Condray Design Group @ 94%
• Construction Manager At Risk (CMAR): Teinert Construction, Inc. @ 16%
• Construction Manager Agent (CMA): Waived
• Landscape Enhancement: Waived
• Public Art: Paul Reimer

Substantial Completion Date:
Original Date – May 2023
Actual Date – TBD
* Possible exhibit delays
TTU – NRHC Ranch Life Learning Center

Interactive Software

THE BUSINESS OF Ranching

SEASON 1 Winter
# TTU – NRHC Ranch Life Learning Center

## Construction Delivery: CMAR

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<tr>
<th>Category</th>
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<th>D</th>
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## PARTNERS

- **Construction Manager**: Condray Design Group, Inc.
- **Design Professional**: Teinert Construction
- **CM Agent**: Waived
- **Tier 2 Auditor**: Waived
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. @ 80%
- Construction Manager At Risk (CMAR):
  - Teinert Construction, Inc. @ 71%
- Construction Manager Agent (CMA):
  - Waived
- Landscape Enhancement: Waived
- Public Art: Waived

**Substantial Completion Date:**
- Addition – February 2023
  - Actual Date – May 1, 2023
- Renovation – October 2023
  - Actual Date – TBD
## TTU – Rip Griffin Park Expansion & Renovation

### Construction Delivery: CMAR

<table>
<thead>
<tr>
<th>BOR Appr (Full)</th>
<th>Previous Budget As Of 2/2023</th>
<th>Current Budget As Of 4/12/2023</th>
<th>+/-(-) Change D-C</th>
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<td>14,342 GSF New 10,800 GSF Reno</td>
<td>$14,465,342</td>
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### PARTNERS
- Construction Manager: Teinert Construction, Inc.
- Design Professional: Populous, Inc.
- CM Agent: Waived
- Tier 2 Auditor: Waived

---

Additional design services for revisions to outfield fencing, Coach’s patio, and bullpen.
TTUHSC – Dallas Southwest Professional Building Renovation

**Current Budget:** $ 22,281,070

**Gross Square Feet:**
- 63,000 Building
- 17,700 Renovation
- 17,700 Renovation (6th Floor)

**Team / Status:**
- **Design Professional:**
  - Parkhill Smith and Cooper, Inc. @ 97%
  - Page – Managed by TTUHSC (6th Floor)
- **Construction Manager At Risk (CMAR):**
  - Hill & Wilkinson General Contractors
  - Original @ 86%
  - 6th Floor @ 55%
- **Construction Manager Agent (CMA):**
  - Waived
- **Landscape Enhancement:** Waived
- **Public Art:** Waived

**Substantial Completion Date:**
- Amended Date – October 2022
- 7th Floor Renovation – November 30, 2021
- Actual Date – October 31, 2022
- 6th Floor Date – July 2023
## Construction Delivery: CMAR

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</table>

### PARTNERS
- Construction Manager: Hill & Wilkinson General Contractors
- Design Professional: Parkhill Smith and Cooper, Inc.
- CM Agent: Waived
- Tier 2 Auditor: Townsend
### TTUHSC – Dallas Southwest Professional Building Renovation (6\textsuperscript{th} Floor)

**Construction Delivery: CMAR**

<table>
<thead>
<tr>
<th>BOR Appr (Full)</th>
<th>Previous Budget As Of</th>
<th>Current Budget As Of</th>
<th>+/(-) Change</th>
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**PARTNERS**

- Construction Manager: Hill & Wilkinson General Contractors
- Design Professional: Page
- CM Agent: Waived
- Tier 2 Auditor: Townsend
ASU – Carr Hall Renovation

**Status:** Stage II Design / Pre-Con

**Current Budget:** $ 2,096,033

**Projected Budget:** $ 8,000,000

**Gross Square Feet:** 19,553 GSF

**Team / Status:**
- Design Build Team:
  - Contractor - Hoar Construction
  - DP - O’Connell Robertson

- Construction Manager Agent (CMA):
  - Waived

- Landscape Enhancement:
  - Waived

- Public Art:
  - Waived

**Substantial Completion Date:**
- Original Date – TBD
- Actual Date – TBD
ASU – Central Plant Renovation and Addition

**Status:** Stage I Design

**Current Budget:** $ 1,003,550

**Projected Budget:** $ 36,000,000

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

**Substantial Completion Date:**
- Original Date – TBD
- Actual Date – TBD
ASU – Elta Joyce Murphey Auditorium Renovation

**Status:** Stage II Design

**Current Budget:** $ 708,903

**Projected Budget:** $ 6,000,000

**Gross Square Feet:** 5,679 GSF

**Team / Status:**
- Design Professional: PBK Architects
- 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
MSU – Bolin Hall Renovation and Expansion

**Status:** Stage II Design / Pre-Con

**Current Budget:** $4,127,748

**Projected Budget:** $43,356,000

**Gross Square Feet (approximately):**
- 55,000 GSF Renovation
- 7,500 GSF Addition

**Team / Status:**
- Design Build Team:
  - Contractor - Whiting-Turner Contracting Co.
  - DP - Corgan
- Construction Manager Agent (CMA):
  - TBD
- Landscape Enhancement:
  - TBD
- Public Art:
  - TBD

**Substantial Completion Date:**
- Original Date – TBD
- Actual Date – TBD
TTUHSC – Preston Smith Library – 3rd Floor Renovation

**Status:** Stage II Design

**Current Budget:** $340,839

**Projected Budget:** $9,000,000

**Gross Square Feet:** 27,000 GSF

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

**Substantial Completion Date:**
Original Date – TBD
**TTUHSC – Lab Animal Resource Center (LARC)**

**Status:** Stage I Design

**Current Budget:** $340,839

**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**
TTUHSC – Midland PA New Addition

**Status:** New Building - Stage I Design
Road – Under Construction

**Current Budget:** $2,500,000

**Projected Budget:** $18,700,000

**Gross Square Feet:** 4,000 GSF Renovation
TBD GSF New

**Team / Status:**
- Design Professional: Parkhill
- Construction Manager At Risk (CMAR): Adolfson & Peterson Construction
- Construction Manager Agent (CMA): Project Controls
- Landscape Enhancement: Waived
- Public Art: Waived

**Substantial Completion Date:**
Original Date – TBD
Actual Date – TBD
**TTU – West Village C Residence Hall**

**Status:** Stage I Design

**Current Budget:** $640,397

**Projected Budget:** $45,000,000

**Gross Square Feet:** 102,234 GSF

**Team / Status:**
- Design Build Team:
  - Contractor – Teinert Construction
  - DP – BOKA Powell
- Construction Manager Agent (CMA): Waived
- Landscape Enhancement: Waived
- Public Art: Waived

**Substantial Completion Date:**
- Original Date – TBD
- Actual Date – TBD
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
TTU – Biology Building Renovation
Managed by TTU Operations

Current Budget: $8,399,000

Gross Square Feet: 144,940 GSF

Team / Status:

• Replace Plumbing/Hot Water System $1,500,000
  Design Professional: TBD (in negotiation)
  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: Huckabee/Operations (in design)
  Contractor: TBD

• Renovate Lecture Hall 100 $2,000,000
  Design Professional: Huckabee (in design)
  Contractor: TBD
TTU – Science Building Renovation
Managed by TTU Operations

**Current Budget:** $16,181,000

**Gross Square Feet:** 109,343 GSF

**Team / Status:**

- HVAC and Building Controls Upgrade $2,000,000
  - Design Professional: TBD (in negotiation)
  - 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 (in negotiation)
  - Contractor: TBD

- Renovate Classrooms and Class Labs $4,000,000
  - Design Professional: TBD (in negotiation)
  - Contractor: TBD

- Elevator and Machine Room Upgrades $700,000
  - Design Professional: TBD (in negotiation)
  - Contractor: TBD

- Electrical Upgrades and Emergency Generator $700,000
  - Design Professional: TBD (in negotiation)
  - Contractor: TBD

- Life Safety Upgrades $5,450,000 (in negotiation)
  - Design Professional: TBD
  - Contractor: TBD
TTU – Experimental Sciences Building Controls
Managed by TTU Operations

**Current Budget:** $4,350,000

**Gross Square Feet:** 113,304 GSF

**Team / Status:**

- **Building Controls Upgrade**  $4,000,000
  Design Professional: Fanning, Fanning & Assoc.
  Contractor: Control Technologies, Inc. (under construction)
- **Switchgear Modification**  $350,000
  Design Professional: Operations Division
  Contractor: Control Technologies, Inc. (under construction)
Status of Public Art
ART BUDGET: $74,500

ARTIST: Paul Reimer
Cranbrook, BC, Canada

TITLE: What The Wind and The Grass Have Seen

STATUS: August/September 2023 Installation

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.