



TEXAS TECH UNIVERSITY SYSTEM™



Facilities Committee

Michael S. Molina

Vice Chancellor - Facilities Planning & Construction

December 15-16, 2016

Texas Tech University

Item 1

Approve naming of the Football Training Facility's Nutrition Center

Michael S. Molina

Lisa Calvert



Football Training Facility

Item 1



Recommendation

Item 1

- Approve naming of the nutrition center within the existing Football Training Facility, as “The Quinn-McCutchin Football Nutrition Center.”
- The donor concurs with the naming of this interior space. Appropriate signage will specify the approved name.

Texas Tech University Health Sciences Center El Paso

Item 2

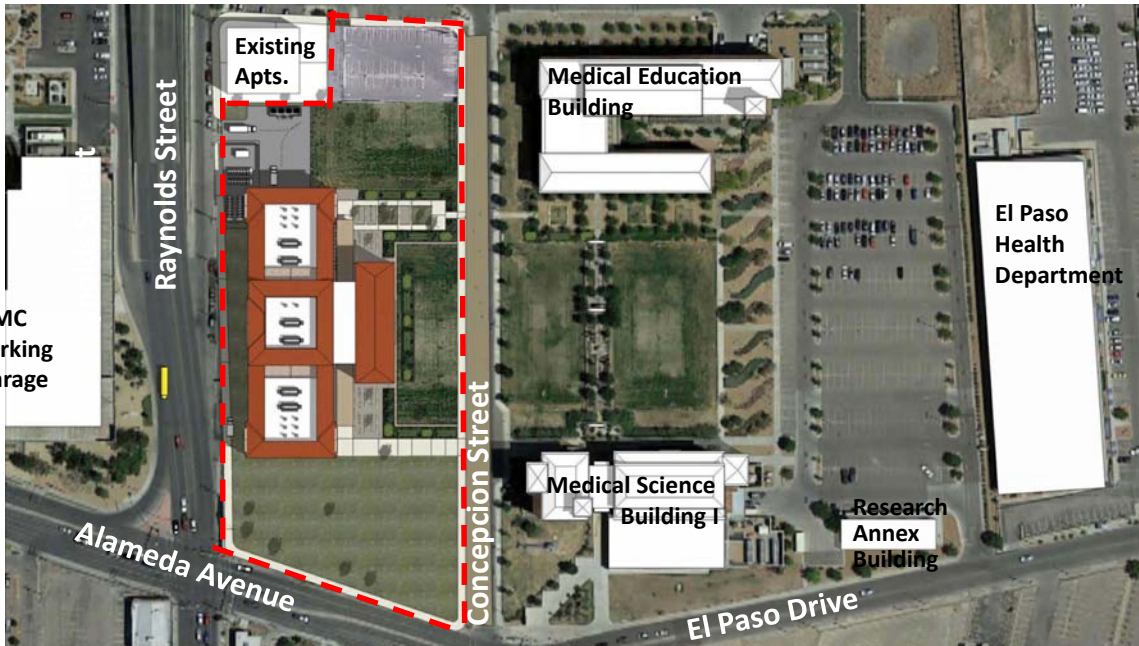
Approve a project to construct the New Medical Sciences Building II

Michael S. Molina



Medical Sciences Building II

Item 2



Medical Sciences Building II

Item 2



Medical Science Building I

Medical Education Building

East View

Medical Sciences Building II

Item 2



Northeast View

Medical Sciences Building II

Item 2



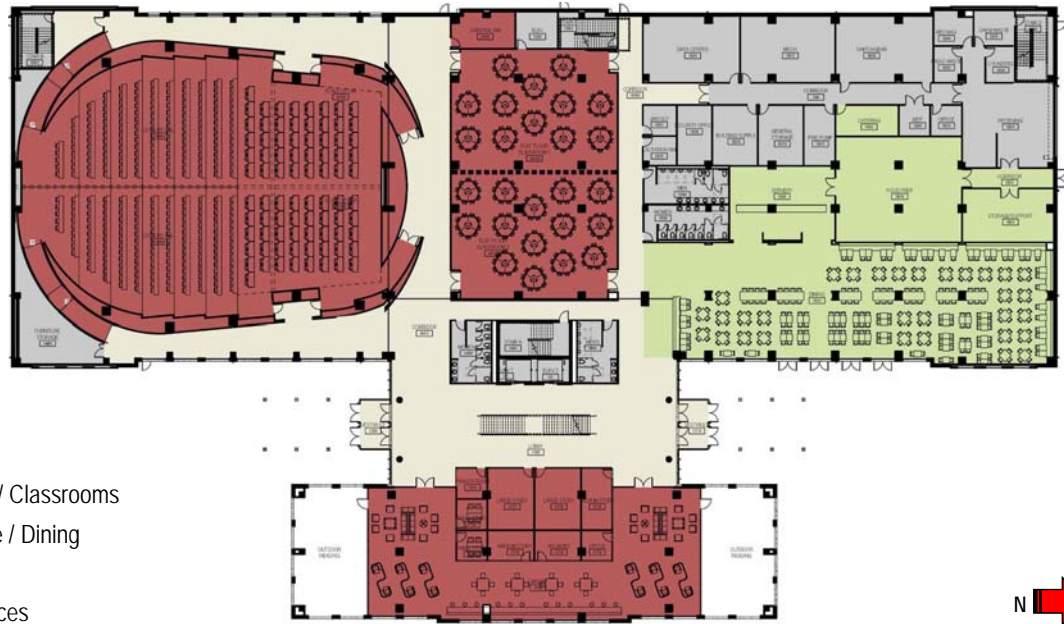
Medical Sciences Building II

Item 2



Medical Sciences Building II – First Floor

Item 2

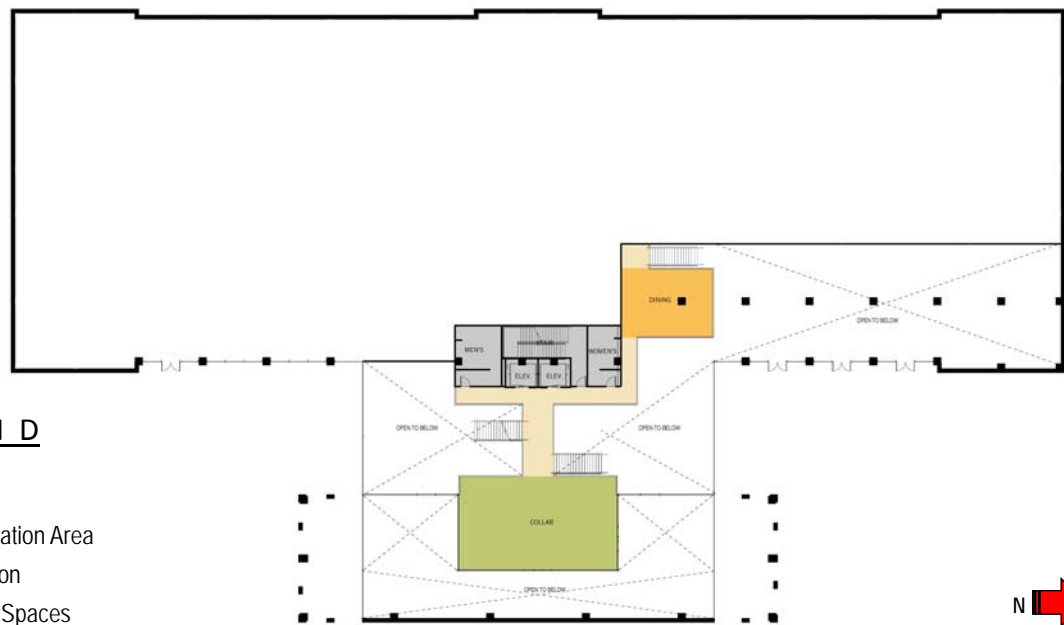


LEGEND

- Lecture Hall / Classrooms
- Food Service / Dining
- Circulation
- Support Spaces

Medical Sciences Building II – Mezzanine

Item 2








LEGEND

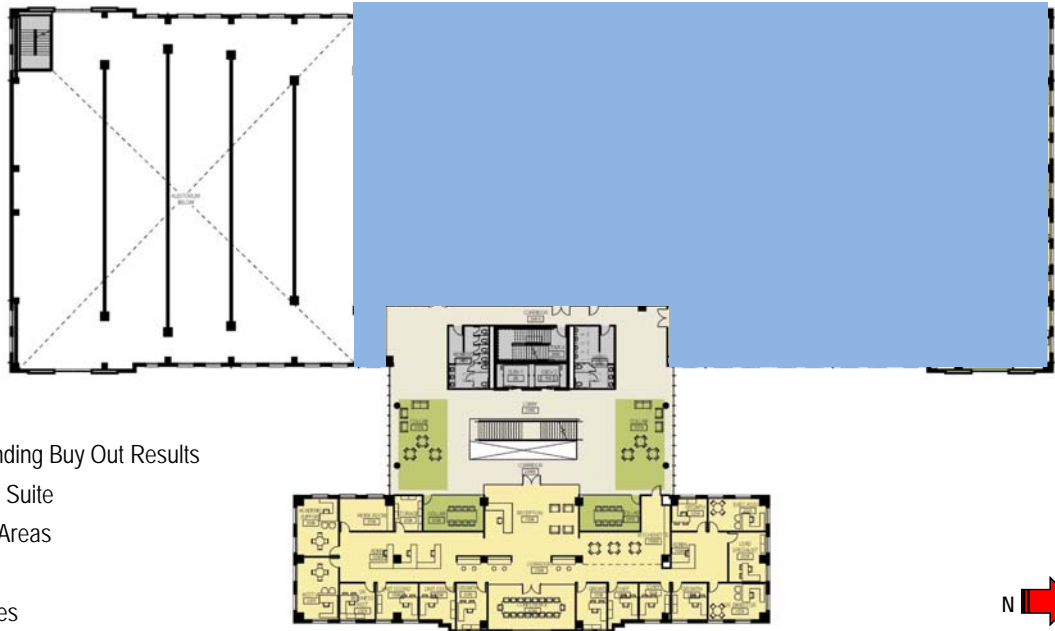
- Dining
- Collaboration Area
- Circulation
- Support Spaces

Medical Sciences Building II – Second Floor

Item 2

LEGEND





-  Finish-out Pending Buy Out Results
-  Administrative Suite
-  Collaboration Areas
-  Circulation
-  Support Spaces

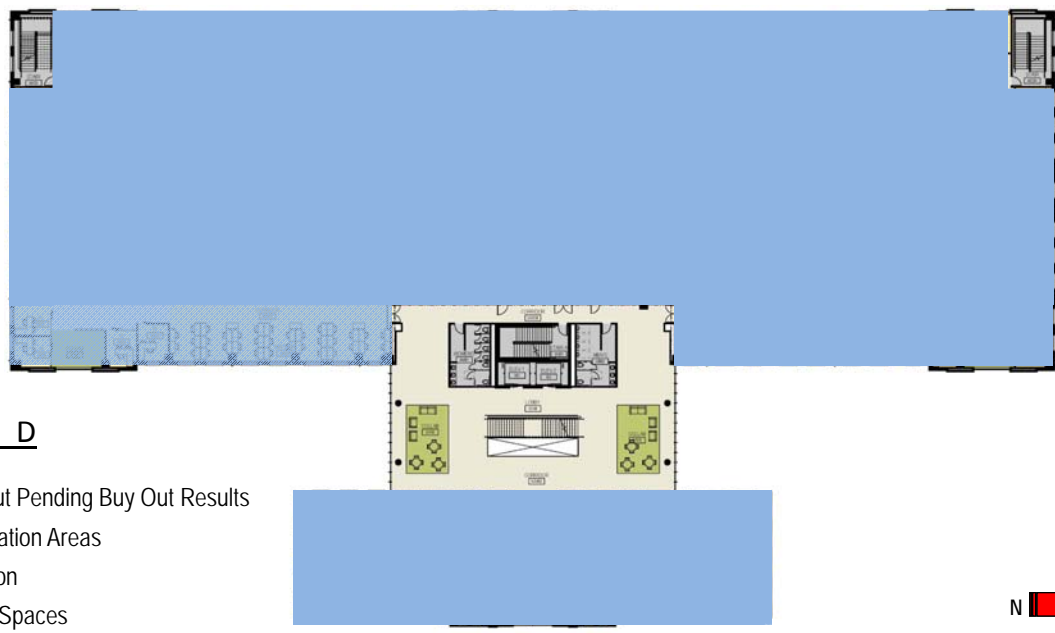


Medical Sciences Building II – Third Floor

Item 2

LEGEND

-  Finish-out Pending Buy Out Results
-  Collaboration Areas
-  Circulation
-  Support Spaces

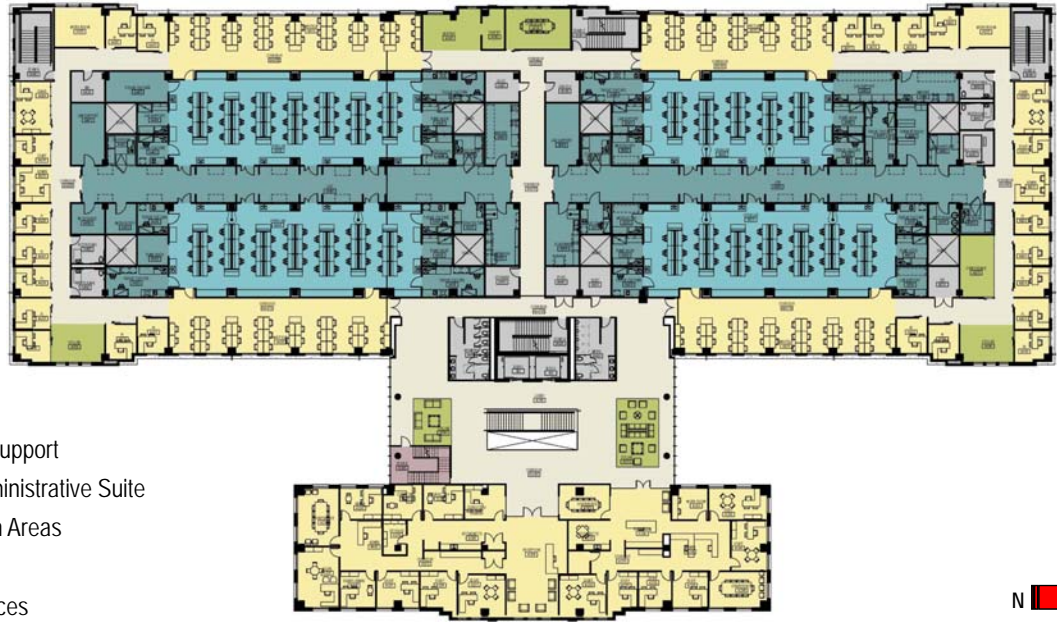


Medical Sciences Building II – Fourth Floor

Item 2

LEGEND

- Laboratory
- Laboratory Support
- Offices / Administrative Suite
- Collaboration Areas
- Circulation
- Support Spaces



Medical Sciences Building II – Fifth Floor

Item 2

LEGEND

- President's Suite
- Administrative Suite
- Collaboration Areas
- Circulation
- Support Spaces



Project Scope

Item 2

- Construct 223,000 GSF for a new research facility intended to provide:
 - Complex research laboratories,
 - Auditorium, lecture halls and classrooms,
 - Food service and dining space,
 - Faculty / principal investigator / staff offices, and
 - Extend utility infrastructure, and other support features to the project site.
- The new facility will support the expanding research program of the newly established Texas Tech University Health Sciences Center at El Paso which consists of a 4-year medical school, nursing school and developing School of Biomedical Sciences.
- Land acquisition and demolition costs for the project site are not included in this budget request, and in this case, are being paid with MPIP funds.

Project Budget

Item 2

| | |
|---|----------------------|
| Total Project Budget | \$ 84,400,000 |
| Construction | \$ 59,398,160 |
| Professional Services | \$ 9,749,196 |
| FF&E / Other Items | \$ 7,302,320 |
| Administrative Cost | \$ 856,129 |
| <i>Regents' Rules</i> | \$ 3,594,250 |
| (2.4% FP&C / 1% Public Art / 1% Landscape Enhancements) | |
| Contingency | \$ 3,499,945 |

Substantial Completion: March 2019

Recommendation

Item 2

- Authorize to proceed with a project to plan, design, and construct the new Medical Sciences Building II with a total project budget of \$84,400,000; report the project to the Texas Higher Education Coordinating Board; amend the Design Professional contract; amend the Construction Manager Agent contract; and amend the Construction Manager at Risk contract.
- The project budget of \$84,400,000 is comprised of the TRB funding of the 84th Texas Legislature's Regular Session authorization of Tuition Revenue Bond ("TRB") (\$75,520,000), and RFS financing to be repaid by the TTUHSC-EP HEAF Funds (guaranteed and supplemented by TTUHSC-EP MPIP funds) (\$8,880,000).
- The budget includes the previous approved Stage I design budget of \$2,412,064 which was funded through RFS repaid with the TRB Legislative appropriation.

Texas Tech University System

Item 3

Report on Facilities Planning and Construction projects (project data as of 12/01/16)

Michael S. Molina





TTU SYSTEM CIP PORTFOLIO

April 2010 – December 2016



BOR Approved Capital Projects

| Campus | Projects | Budget | Cost | +/- |
|--------------|-----------|-------------------------|-------------------------|-----------------------|
| TTU/TTUS | 44 | \$ 692,732,249 | \$ 673,341,109 | -\$ 19,391,140 |
| HSC | 9 | \$ 163,071,838 | \$ 162,790,678 | -\$ 281,160 |
| HSC EP | 2 | \$ 98,900,000 | \$ 97,972,256 | -\$ 927,744 |
| ASU | 7 | \$ 77,240,000 | \$ 75,363,826 | -\$ 1,876,174 |
| TOTAL | 62 | \$ 1,031,944,087 | \$ 1,009,467,869 | -\$ 22,476,218 |

(Cost Avoidance / Debt Reduction) **-2%**



TTU – Experimental Sciences Building II

Project Budget: Original / Current
\$ 77,000,000 / \$ 77,000,000

| Category | Original | Current |
|----------------|---------------|---------------|
| Construction | \$ 52,571,000 | \$ 52,751,000 |
| Professional | \$ 8,892,875 | \$ 8,287,349 |
| FF&E | \$ 5,907,300 | \$ 6,002,530 |
| Administrative | \$ 859,318 | \$ 859,734 |
| Contingency | \$ 5,490,148 | \$ 5,659,418 |
| Regents' Rules | \$ 3,279,359 | \$ 3,439,969 |

Gross Square Feet: 117,000 GSF

Team / Status:

- Design Professional:
Trenor Architects / Design @ 11%
- Construction Manager at Risk (CMR):
Flintco, LLC / Construction @ 2%
- Construction Manager Agent (CMAgent):
Project Control of Texas, Inc. @ 7%
- Artist:
RFQ in progress

Substantial Completion Date:

Original Date – January 2019
Actual Date - TBD



Northeast Perspective



East Facade

TTU – Industrial Engineering Building Renovation

Project Budget: Original / Current
\$ 5,000,000 / \$ 9,859,000

| Category | Original | Current |
|----------------|--------------|--------------|
| Construction | \$ 2,723,120 | \$ 6,120,004 |
| Professional | \$ 312,049 | \$ 960,498 |
| FF&E | \$ 1,508,731 | \$ 2,350,147 |
| Administrative | \$ 86,100 | \$ 104,015 |
| Contingency | \$ 370,000 | \$ 243,278 |
| Regents' Rules | \$ 0 | \$ 81,058 |

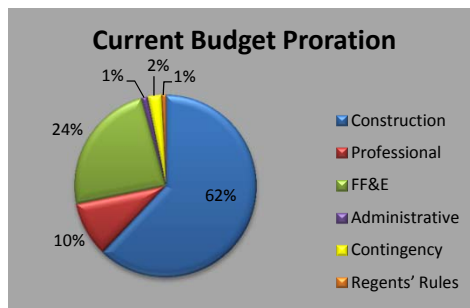
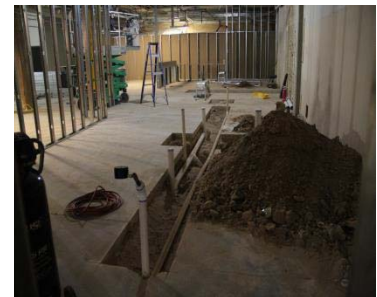
Gross Square Feet: 40,872 GSF

Team / Status - Phase I & II:

- Design Professional:
Dekker/Perich/Sabatini / CA @ 65%
- Construction Manager at Risk (CMR):
Teinert Commercial Bldg Svcs/Const. @ 96%
- Construction Manager Agent (CMAgent):
None Required
- Artist:
Waived by BOR on 03-06-2015 – Phase I
Shane Allbritton /May 2017 - Phase II

Substantial Completion Date:

Original Date – August 2016 – Phase I
Actual Date - TBD



TTU – Rawls College of Business Admin. Addition

Project Budget: Original / Current
 \$ 15,000,000 / \$ 15,874,782

| Category | Original | Current |
|----------------|--------------|---------------|
| Construction | \$10,452,000 | \$ 12,096,802 |
| Professional | \$ 1,185,680 | \$ 1,184,044 |
| FF&E | \$ 1,299,000 | \$ 1,455,895 |
| Administrative | \$ 56,523 | \$ 106,346 |
| Contingency | \$ 1,156,393 | \$ 354,989 |
| Regents' Rules | \$ 850,404 | \$ 676,706 |

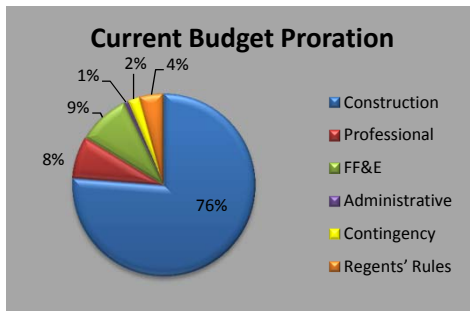
Gross Square Feet: 42,901 GSF

Team / Status:

- Design Professional:
Parkhill, Smith & Cooper, Inc. / CA @ 98%
- Construction Manager at Risk (CMR):
Lee Lewis Construction, Inc. / Const. @ 97%
- Construction Manager Agent (CMAgent):
None Required
- Artist:
Koryn Rolstad / August 2016 Installation

Substantial Completion Date:

Original Date – August 2016 /
 Chick fil A - November 2016
 Actual Date -



TTU – Sports Performance Center

Project Budget: Original / Current
 \$ 48,000,000 / \$ 48,000,000

| Category | Original | Current |
|----------------|---------------|---------------|
| Construction | \$ 37,935,435 | \$ 37,935,757 |
| Professional | \$ 6,206,641 | \$ 6,201,700 |
| FF&E | \$ 1,278,943 | \$ 1,278,943 |
| Administrative | \$ 228,612 | \$ 228,612 |
| Contingency | \$ 279,251 | \$ 278,929 |
| Regents' Rules | \$ 2,071,118 | \$ 2,076,059 |

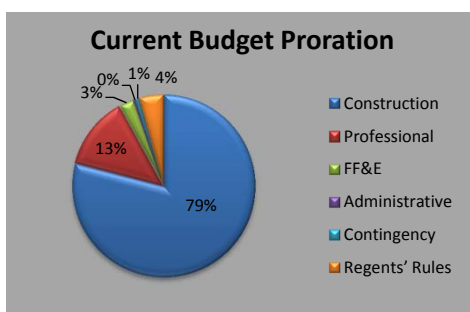
Gross Square Feet: 156,245 GSF

Team / Status:

- Design Professional:
Gensler / Design @ 82%
- Construction Manager at Risk (CMR):
Flintco, LLC / Construction @ 20%
- Construction Manager Agent (CMAgent):
PC Sports, Inc. @ 40%
- Artist:
Simon Donovan / August 2017 Installation

Substantial Completion Date:

Original Date – July 2017
 Actual Date - TBD



TTU – New Honors Residence Hall

Project Budget: Original / Current
 \$ 30,000,000 / \$ 29,900,000

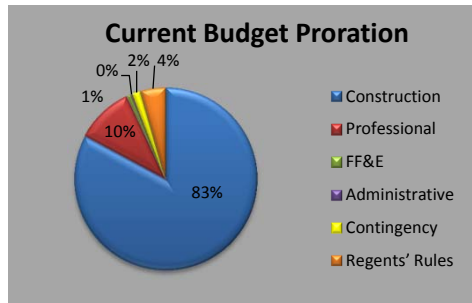
| Category | Original | Current |
|----------------|---------------|---------------|
| Construction | \$ 21,979,214 | \$ 24,763,734 |
| Professional | \$ 3,327,490 | \$ 3,049,778 |
| FF&E | \$ 2,931,813 | \$ 190,500 |
| Administrative | \$ 303,040 | \$ 131,655 |
| Contingency | \$ 180,840 | \$ 440,333 |
| Regents' Rules | \$ 1,277,603 | \$ 1,324,000 |

Gross Square Feet: 77,292 GSF

Team / Status:

- Design-Build Team:
 Whiting-Turner / BGK Architects and Mackey
 Mitchell Architects / Construction @ 37%
- Construction Manager Agent (CMAgent):
 Parkhill, Smith & Cooper, Inc. @ 25%
- Artist:
 Marc Fornes/Thevermany Studio: Contract routing

Substantial Completion Date:
 Original Date – July 2017
 Actual Date - TBD



TTU – Museum Life Safety Upgrade and Air Management Replacement

Project Budget: Original / Current
 \$ 7,650,000 / \$ 7,650,000

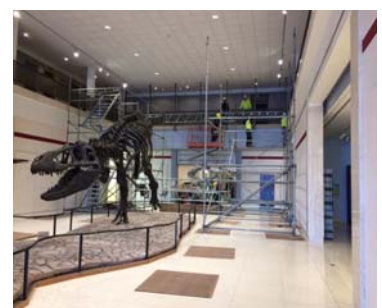
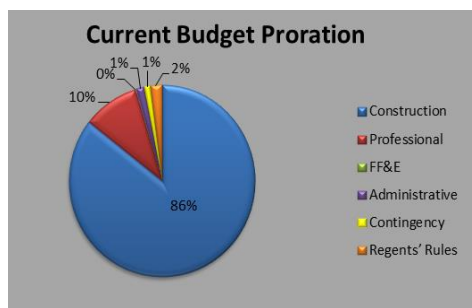
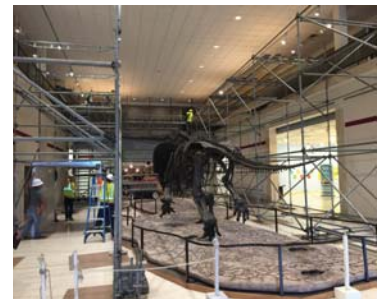
| Category | Original | Current |
|----------------|--------------|--------------|
| Construction | \$ 6,546,064 | \$ 6,546,046 |
| Professional | \$ 745,175 | \$ 745,175 |
| FF&E | \$ 16,882 | \$ 16,882 |
| Administrative | \$ 108,132 | \$ 108,132 |
| Contingency | \$ 80,747 | \$ 80,747 |
| Regents' Rules | \$ 153,000 | \$ 153,000 |

Gross Square Feet: 238,555 GSF

Team / Status:

- Design Professional:
 Parkhill Smith & Cooper, Inc. / Design @ 74%
- General Contractor:
 Sandia Construction / Construction @ 7%
- Construction Manager Agent (CMAgent):
 None Required
- Artist:
 TBD

Substantial Completion Date:
 Original Date –December 2017
 Actual Date - TBD



TTUHSC – Lubbock Education, Research & Technology + West Expansion

Project Budget: Original / Current
\$83,700,000 / \$85,900,000

| Category | Original | Current |
|----------------|---------------|--------------|
| Construction | \$ 60,254,000 | \$62,072,911 |
| Professional | \$ 9,438,710 | \$10,206,758 |
| FF&E | \$ 6,126,600 | \$ 6,126,600 |
| Administrative | \$ 792,125 | \$ 791,731 |
| Contingency | \$ 3,524,130 | \$ 2,922,400 |
| Regents' Rules | \$ 3,564,435 | \$ 3,779,600 |

Gross Square Feet: 183,218 GSF

Team / Status:

- Design Professional:
Perkins + Will / Design @ 19%
- Construction Manager at Risk (CMR):
Hill & Wilkinson General Cont / Const @ 1%
- Construction Manager Agent (CMAgent):
Hill International @ 8%
- Artist:
TBD

Substantial Completion Date:
Original Date – January 2019
Actual Date - TBD



TTUHSC – Amarillo Panhandle Clinical Simulation Center

Project Budget: Original / Current
\$ 9,750,000 / \$ 9,750,000

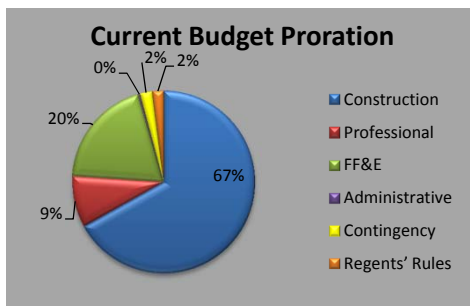
| Category | Original | Current |
|----------------|--------------|--------------|
| Construction | \$ 6,837,000 | \$ 6,525,299 |
| Professional | \$ 874,460 | \$ 889,618 |
| FF&E | \$ 1,247,940 | \$ 1,899,300 |
| Administrative | \$ 195,762 | \$ 28,714 |
| Contingency | \$ 403,648 | \$ 210,344 |
| Regents' Rules | \$ 191,190 | \$ 196,725 |

Gross Square Feet: 20,593 GSF

Team / Status:

- Design Professional:
Dekker/Perich/Sabatini / Design @ 80%
- General Contractor:
Western Bldrs of Amarillo, Inc./ Const. @ 2%
- Construction Manager Agent (CMAgent):
None Required
- Artist:
Artist Interviews December 12, 2016

Substantial Completion Date:
Original Date – August 2017
Actual Date - TBD



TTUHSC – Odessa Permian Basin Academic Facility

Project Budget: Original / Current
 \$ 19,800,000 / \$ 22,300,000

| Category | Original | Current |
|----------------|---------------|---------------|
| Construction | \$ 14,183,840 | \$ 16,541,032 |
| Professional | \$ 2,046,490 | \$ 2,268,805 |
| FF&E | \$ 1,671,660 | \$ 1,858,861 |
| Administrative | \$ 231,792 | \$ 58,900 |
| Contingency | \$ 823,016 | \$ 591,202 |
| Regents' Rules | \$ 843,202 | \$ 981,200 |

Gross Square Feet: 50,966 GSF

Team / Status:

- Design Professional:
FKP Architects, Inc. / Design @ 36%
- General Contractor
Flintco, LLC
- Construction Manager Agent (CMAgent):
Adams Management Services @17%
- Artist:
RFQ due December 14, 2016

Substantial Completion Date:

Original Date – May 2018
 Actual Date - TBD



TTUHSC El Paso - Medical Sciences Building II

Project Budget: Original
 \$ 84,400,000

| Category | Original |
|----------------|---------------|
| Construction | \$ 59,398,160 |
| Professional | \$ 9,749,196 |
| FF&E | \$ 7,302,320 |
| Administrative | \$ 856,129 |
| Contingency | \$ 3,499,945 |
| Regents' Rules | \$ 3,594,250 |

Gross Square Feet: ~ 227,000 GSF

Team / Status:

- Design Professional:
Perkins + Will / Design @ 18%
- Construction Manager at Risk (CMR):
Sundt / Construction
- Construction Manager Agent (CMAgent):
Broadus and Associates @ 4%
- Artist:
TBD

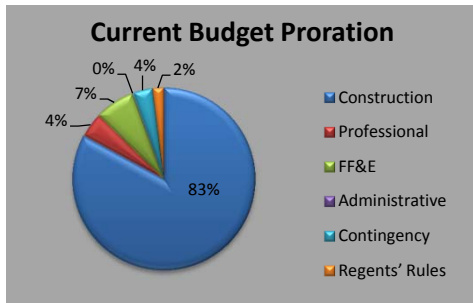
Substantial Completion Date:

Original Date – December 2018
 Actual Date - TBD



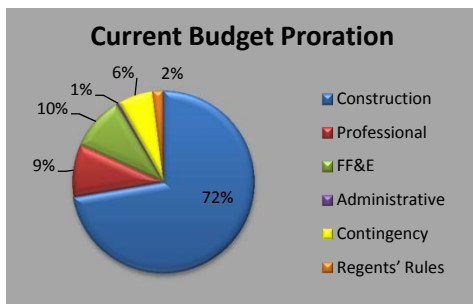
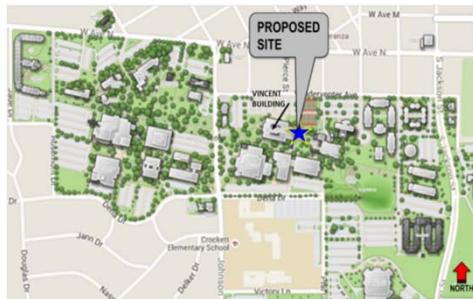
ASU - LeGrand Football Stadium Press Box

| | | | |
|---|--------------|---|--------------|
| Project Budget: | Original | / | Current |
| | \$ 3,000,000 | / | \$ 3,500,000 |
| Category | Original | | Current |
| Construction | \$ 2,330,438 | | \$ 2,901,500 |
| Professional | \$ 165,500 | | \$ 153,270 |
| FF&E | \$ 84,500 | | \$ 247,800 |
| Administrative | \$ 13,500 | | \$ 13,934 |
| Contingency | \$ 346,062 | | \$ 113,496 |
| Regents' Rules | \$ 60,000 | | \$ 70,000 |
| Gross Square Feet: 6,660 GSF | | | |
| Team / Status: | | | |
| <ul style="list-style-type: none"> Design Professional: Gary Donaldson Architects / Design @ 52% Construction Manager at Risk (CMR): Waldrop / Construction @ 3% Construction Manager Agent (CMAgent): None Required Artist: Bob Guelich / August 2017 Installation | | | |
| Substantial Completion Date: | | | |
| Original Date - August 2017 | | | |
| Actual Date - TBD | | | |



ASU - Hunter Strain Engineering Laboratories Addition

| | | | |
|--|--------------|---|--------------|
| Project Budget: | Original | / | Current |
| | \$ 4,000,000 | / | \$ 4,000,000 |
| Category | Original | | Current |
| Construction | \$ 2,908,500 | | \$ 2,893,800 |
| Professional | \$ 314,366 | | \$ 374,250 |
| FF&E | \$ 462,500 | | \$ 387,400 |
| Administrative | \$ 19,650 | | \$ 15,509 |
| Contingency | \$ 214,984 | | \$ 250,619 |
| Regents' Rules | \$ 80,000 | | \$ 78,422 |
| Gross Square Feet: 9,000 GSF | | | |
| Team / Status: | | | |
| <ul style="list-style-type: none"> Design Professional: Kinney Franke Architects, Inc. / Design @ 60% Construction Manager at Risk (CMR): Western Builders of Amarillo / Const. @ 13% Construction Manager Agent (CMAgent): None Required Artist: Doyle Dickerson Terrazzo / April 2017 Installation | | | |
| Substantial Completion Date: | | | |
| Original Date - April 2017 | | | |
| Actual Date - TBD | | | |



ASU - Archer College of Health and Human Services

Project Budget: Original / Current
 \$ 26,360,000 / \$ 26,360,000

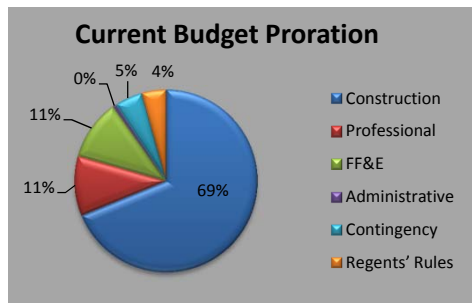
| Category | Original | Current |
|----------------|---------------|---------------|
| Construction | \$ 18,057,480 | \$ 18,141,400 |
| Professional | \$ 3,034,827 | \$ 2,798,640 |
| FF&E | \$ 2,785,243 | \$ 2,825,243 |
| Administrative | \$ 290,737 | \$ 140,395 |
| Contingency | \$ 1,069,152 | \$ 1,294,482 |
| Regents' Rules | \$ 1,122,561 | \$ 1,159,840 |

Gross Square Feet: 56,600 GSF

Team / Status:

- Design Professional:
 PBK Architects / Design @ 67%
- Construction Manager at Risk (CMR):
 Western Builders of Amarillo / Const. @ 1.5 %
- Construction Manager Agent (CMAgent):
 Hill International @ 12%
- Artist:
 RFQ due January 5, 2017

Substantial Completion Date:
 Original Date - January 2018
 Actual Date - TBD



TTUSA – System Office Building

Project Budget: Original / Current
 \$ 27,500,000 / \$ 27,500,000

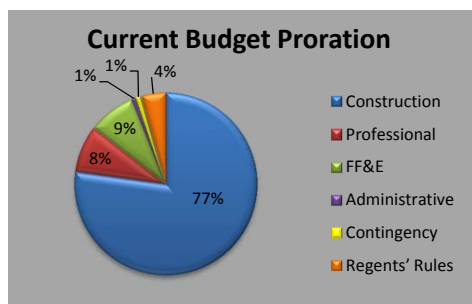
| Category | Original | Current |
|----------------|---------------|---------------|
| Construction | \$ 20,785,789 | \$ 21,217,658 |
| Professional | \$ 2,228,761 | \$ 2,296,842 |
| FF&E | \$ 2,219,000 | \$ 2,319,200 |
| Administrative | \$ 321,450 | \$ 221,712 |
| Contingency | \$ 542,000 | \$ 234,588 |
| Regents' Rules | \$ 1,403,000 | \$ 1,210,000 |

Gross Square Feet: 76,481 GSF

Team / Status:

- Design Professional:
 Parkhill, Smith & Cooper, Inc. / Design @ 86%
- Construction Manager at Risk (CMR):
 J T Vaughn Const., LLC/Construction @ 76%
- Construction Manager Agent (CMAgent):
 Waived
- Artist:
 Bruce Munro / February 2017 Installation

Substantial Completion Date:
 Original Date - March 2017
 Actual Date - TBD

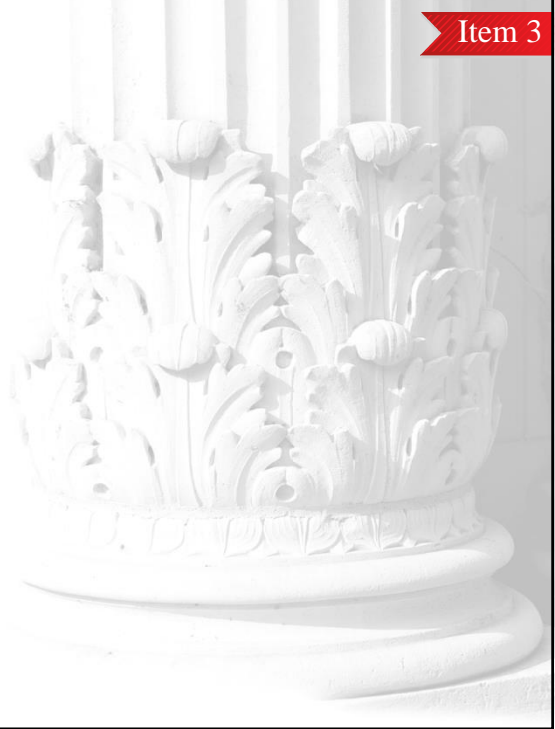


Texas Tech University System

Item 3

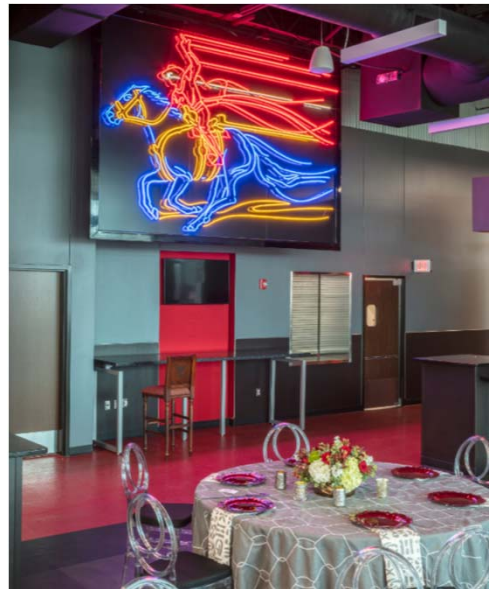
Status of Public Art

Michael S. Molina



TTU – Jones AT&T Stadium North End Zone Building Renovation

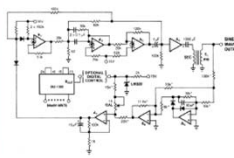
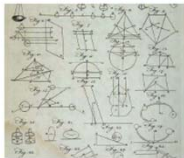
Art Budget: \$ 36,000
Artist: Tony Greer & Larry Simmons
Lubbock, TX
Title: Illuminated Rider
Status: Installed October 2016



TTU – Industrial Engineering Building Renovation

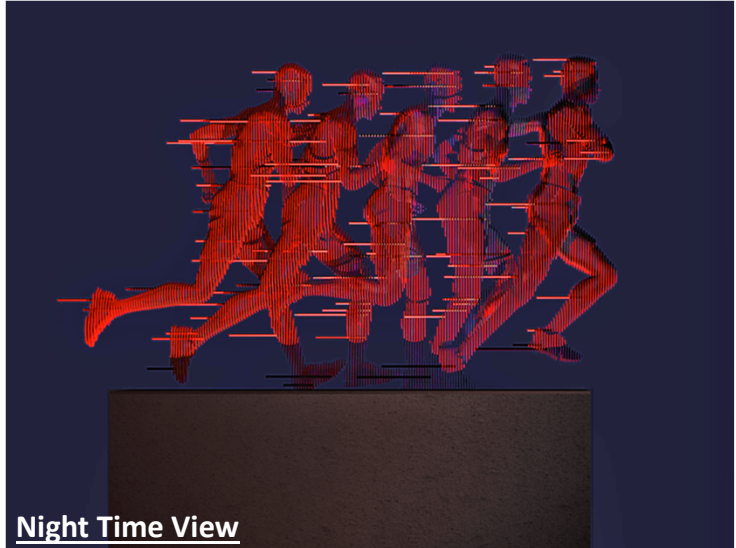
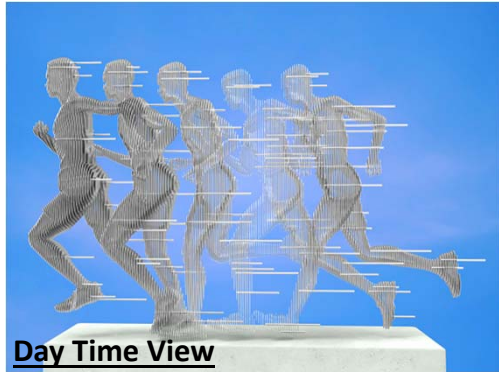
Art Budget: \$ 33,500
Artist: Shane Allbritton
Houston, TX
Title: Awaiting artist announcement
Status: May 2017 Installation

**Industrial,
Manufacturing and
Systems Engineering**



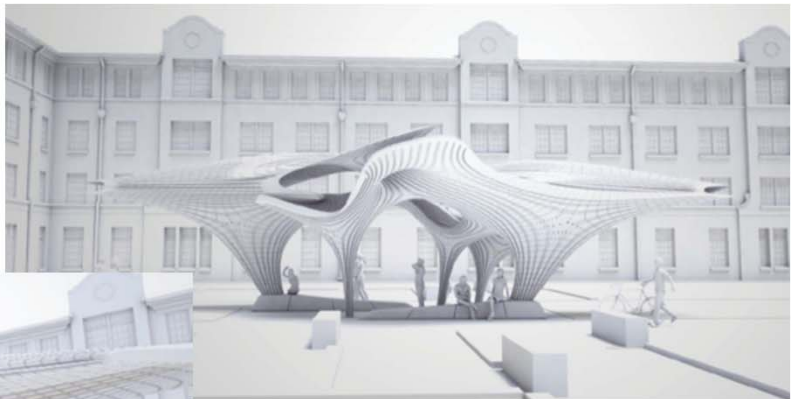
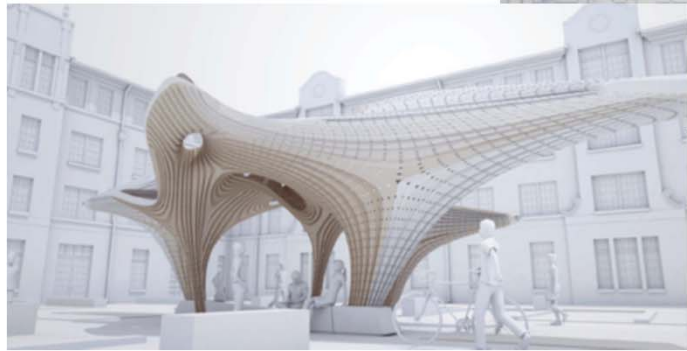
TTU – Sports Performance Center

Art Budget: \$ 450,000
Artist: Simon Donovan
Tucson, AZ
Title: Awaiting artist announcement
Status: August 2017 Installation



TTU – New Honors Residence Hall

Art Budget: \$ 287,000
Artist: Marc Fomes / Theverymany
New York, NY
Title: Wandering
Status: TBD

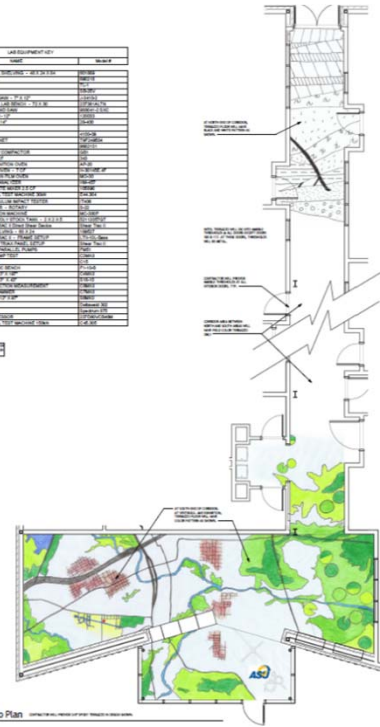


ASU - Hunter Strain Engineering Laboratories Addition

Art Budget: \$ 40,000
Artist: Doyle Dickerson Terrazzo
Charlotte, NC
Title: Awaiting artist announcement
Status: April 2017 Installation



| NO. | DESCRIPTION | QUANTITY | UNIT | PRICE | TOTAL |
|-----|-------------|----------|-------|-------|-------|
| 1 | CONCRETE | 100 | YD | 120 | 12000 |
| 2 | STEEL | 50 | TON | 200 | 10000 |
| 3 | GLASS | 200 | SQ FT | 50 | 10000 |
| 4 | PAINT | 100 | YD | 100 | 10000 |
| 5 | ROOFING | 100 | SQ FT | 100 | 10000 |
| 6 | MECHANICAL | 100 | YD | 100 | 10000 |
| 7 | ELECTRICAL | 100 | YD | 100 | 10000 |
| 8 | PLUMBING | 100 | YD | 100 | 10000 |
| 9 | LANDSCAPING | 100 | YD | 100 | 10000 |
| 10 | INTERIORS | 100 | YD | 100 | 10000 |



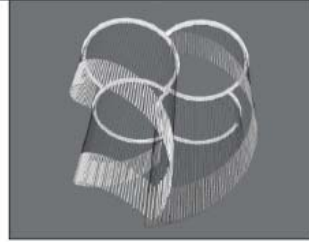
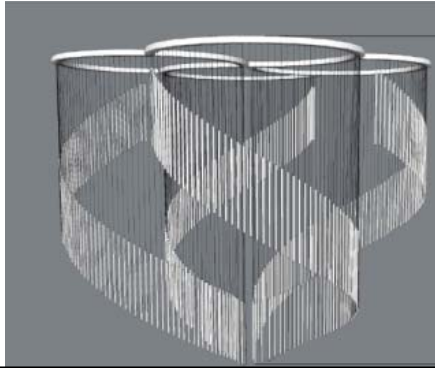
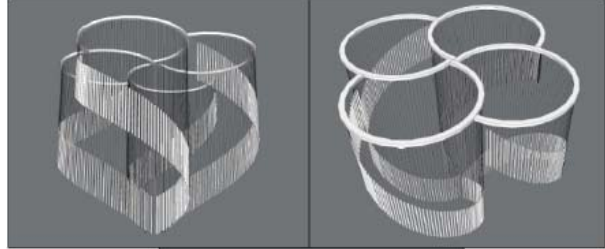
ASU - LeGrand Football Stadium Press Box

Art Budget: \$ 88,000
Artist: Bob Guelich
San Antonio, TX
Title: Awaiting artist announcement
Status: August 2017 Installation



TTUS – System Office Building

Art Budget: \$ 265,000
Artist: Bruce Munro
 Wilshire, England
Title: Awaiting artist announcement
Status: February 2017 Installation



TEXAS TECH UNIVERSITY SYSTEM™