Texas Higher Education Coordinating Board

Exhibits to Accompany the Testimony of
Chairman Fred Heldenfels

House Appropriations Committee

Subcommittee on Article III

May 8, 2012

Exhibit 1:

TRB Project Descriptions from the 82nd Legislature

Institution Name:	The University of Texas at Austin		
Project Name:	Construct New Engineering Education and Research Center		
Total Project Cost:	$290,000,000	Project Type:	New Construction
TRB Request:	$100,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Highly Recommended		

Institution Project Description:

The University of Texas at Austin (UT -Austin) proposes to construct the Engineering Education and Research Center (EERC), which will provide approximately 421,500 gross square feet of education and research space for the Cockrell School of Engineering. The University has evaluated whether it is more economical to renovate the existing Engineering Science (ENS) building or replace it with a modern facility; the demolition of the ENS building will be included in this project. The EERC will provide new interdisciplinary research laboratories, centralized engineering student services, including advising and mentoring, and a 250-seat auditorium for lectures and special events. The auditorium, classrooms, and meeting facilities will be equipped for distance learning and collaboration.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence, and Research. This project will strengthen the school's diversity and retention programs, significantly improve recruitment, and increase the capacity to educate a more diverse graduate student population. The new facilities will improve retention, and better ease the transition of transfer students. The centralized location will enhance student participation, and improve success and degree completion. The student services space will support student success. They will be able to increase the number of faculty in emerging interdisciplinary research. The funding of federal centers of excellence often requires dedicated space of the type that can be allocated in the EERC.

Project Evaluation:

The institution reports it wants to demolish the Engineering Science (ENS) building, construct the Engineering Education and Research Center (EERC), and complete renovations of certain engineering facilities. The institution says the EERC is essential to achieve their vision to become a global center for technology innovation, engineering education, and entrepreneurship and to recruit top faculty teachers and maintain or enhance their already-high level of excellence, as measured by national rankings. The EERC will provide new undergraduate engineering teaching laboratories for project-based learning, student collaboration space, and undergraduate research. The university does not have this type of teaching facility, as do many peer schools of engineering.

This project meets the Board's Standard for building efficiency, space need, Space Usage Efficiency (SUE), new construction cost, deferred maintenance, and critical deferred maintenance. This project addresses $10,621,216 of deferred maintenance.

Institution Name:	The University of Texas - Pan American		
Project Name:	Construct New Science Building II		
Total Project Cost:	$48,368,000	Project Type:	New Construction
TRB Request:	$48,368,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 2
Authorization Condition:			
Recommendation:	Highly Recommended		

Institution Project Description:

The University of Texas – Pan American (UTPA) proposes to construct a new 81,041 gross square foot science facility which will support an array of disciplines critical to the state and the region; biology, chemistry, mathematics, physics, geology, premed, environmental and coastal studies. It will provide much-needed teaching and research labs in support of the disciplines and will include a vivarium, clean rooms, and faculty and staff support areas and most importantly additional classrooms. This facility will attach to the existing Science Building and will be adjacent to the Engineering Building to enhance student interaction in the related fields. The additional space and larger lecture rooms will greatly enhance the STEM curriculum at UTPA. This newly constructed building will feature low-cost, high-payback sustainable elements, green areas and energy-efficient features that will save taxpayer dollars and contribute to a healthier environment.

Closing the Gaps Goal:

The current Science facilities are at maximum capacity, therefore the additional space is critical for the University to meets its enrollment goal of 22,000 students in 2015. The centers and programs of excellence in the college will be leveraged to win grant support for enhancement and for new programs. The research laboratories in the new building will provide space for the enhancement of existing programs and development of new programs.

Project Evaluation:

The current Science facilities are at maximum capacity, therefore the additional space is critical for the University to meets its enrollment goal of 22,000 students in 2015. The year 2015 success goal for UTPA is to grant a total of 3,481 bachelor's degrees (3,145 to Hispanics) and 30 doctoral degrees, with 16 degrees awarded to Hispanics. The centers and programs of excellence in the college will be leveraged to win grant support for enhancement and for new programs. The faculty of the College of Science and Mathematics has increased their research productivity but are limited by space and facilities. This new facility will provide UTPA the infrastructure needed to increase federal and corporate-funded research, which will serve to create knowledge but also to provide graduate and undergraduate students important hands-on experiences. Approval of this project would allow the institution to move forward in achieving its goals.

This project meets the Board's Standard for building efficiency, cost, space need, Space Usage Efficiency (SUE), deferred maintenance, and critical deferred maintenance.

Institution Name:	University of Houston		
Project Name:	Construct Nanotechnology Sciences and Engineering Research Building		
Total Project Cost:	$100,000,000	Project Type:	New Construction
TRB Request:	$89,500,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 3
Authorization Condition:			
Recommendation:	Highly Recommended		

Institution Project Description:

Construct a new 175,000 gross square foot Nanotechnology Science and Engineering Research Building. This proposed project will provide a facility for life sciences and engineering nanotechnology research. The six-floor interdisciplinary research facility will include two floors of barrier vivarium, and will function in tandem with an additional two floors of Bio-safety laboratory space essential for cancer research.

Closing the Gaps Goal:

This project would impact the participation, success, excellence and research goals by providing a modern research facility that should attract nationally recognized faculty, and students in support of the institutional and state research goals of increasing the number or tier-one research institutions in the state of Texas.

Project Evaluation:

The University of Houston (UH) reports that the institution is an emerging research university, pursuing tier-one goals in order to become a nationally recognized research university. As such, the infrastructure necessary to support the research mission is critical. We currently have a research space deficit of over 55,000 NASF (fall 2009 CB space model). A state-of-the-art research facility will enable us to significantly expand our health-related educational programs and better recruit talented graduate students. Additionally, a significant component of the institutions student success initiative is to improve the undergraduate educational experience through a renewed emphasis on research by providing undergraduate students with opportunities to gain real-world research experience under the guidance of faculty mentors. Studies have shown that participation in research at the undergraduate level increases not only retention and graduation rates, but also increases the likelihood of students pursuing graduate studies. Participation in undergraduate research activities fosters collaboration with faculty members, and paves the way for students to make original contributions in their field, often through publications. These endeavors also enable students to be more competitive for graduate and professional school and nationally competitive scholarships.

This project does meet the Board's standard for space need, building efficiency, Space Usage Efficiency (SUE), cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	Texas Tech University		
Project Name:	Construct New Experimental Science Building II		
Total Project Cost:	$87,750,000	Project Type:	New Construction
TRB Request:	$78,975,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 2
Authorization Condition:			
Recommendation:	Highly Recommended		

Institution Project Description:

Texas Tech University (TTU) proposes to construct a second new Experimental Science Building consisting of 150,000 gross square feet of high-tech interdisciplinary research laboratories, principal research investigator offices, core instrumentation facilities, a 50-seat seminar room, and academic offices and support space to foster Texas Tech's growing research programs. The project will also provide essential research laboratory space characterized by an interdisciplinary "institute" environment. The scope of this project will include the relocation of the track and displaced parking, public art, and landscape development in accordance with the Texas Tech Master Plan. Undergraduate research will occur in this proposed facility, and fosters the development of students in STEM fields, preparing them for further graduate work in STEM fields.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence, and Research. Additional research and teaching space will help them continue making progress toward enrollment goals. Completions are up and completion rates are climbing. Additional research space is part of this project. Research expenditures have grown dramatically in the recent past. This project would significantly aid their objective of becoming a nationally recognized research university.

Project Evaluation:

The institution reports, their number one project is building the brand new Experimental Science Building II (ESB II). During its recent strategic planning process, Texas Tech has articulated eight strategic research themes and they expect that the ESB II will be used to locate new programs and strategic hires for these four themes: sustainable society, computational and theoretical sciences, integrative biosciences, and advanced electronics and materials. The multi-disciplinary science building will be a cutting-edge educational research facility designed to maximize collaboration between the University's various departments. The new facility would position TTU as a leader in interdisciplinary research for the 21st Century by redefining academic boundaries that limit collaborative scientific advancement. This facility will provide students with unprecedented educational opportunities and allow researchers opportunities to address the issues facing Lubbock, the nation and the world.

This project meets the Board’s Standard building efficiency, space need, new construction cost, Space Usage Efficiency (SUE), deferred maintenance, and critical deferred maintenance.

Institution Name:	The University of Texas at Dallas		
Project Name:	Construct New Bioengineering and Science Building		
Total Project Cost:	$85,000,000	Project Type:	New Construction
TRB Request:	$76,500,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Highly Recommended		

Institution Project Description:

The University of Texas at Dallas (UTD) proposes to construct a new bioengineering and science building for research and education in the life sciences, focusing on basic and translational research addressing issues of human health. Comprising 116,500 gross square feet, the building will feature specialized laboratories for research in bioengineering, neuroscience, cell and molecular biology, biochemistry, and chemistry, along with associated environmental rooms and laboratory support spaces, offices for faculty and research staff, classrooms and teaching laboratories, and demonstration and seminar rooms.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence and Research. This project will impact participation, success, excellence and research goals, with particular benefits in the research and excellence areas. UTD has been successful in attracting researchers and research dollars in STEM fields with growth potential.

Project Evaluation:

The institution reports, that this facility will be crucially important in the emerging major collaborations between UT Dallas and UT Southwestern Medical Center, and is essential if UT Dallas is to recruit additional faculty who have the credentials and the initiative to secure major external grants through competitive state and national proposals. Faculty recruiting at UT Dallas over the last five years has been very successful. These new hires have brought to Texas and UT Dallas significant external research grant funding. However, the institution's laboratory capacity is now exhausted, and further progress toward the State's "Closing the Gaps Initiatives" in STEM areas and its own ambitious Strategic Plan depends upon acquiring additional space for experimental research. The additional experimental research scientists that this new building will accommodate will bring significant additional external grant funding to Texas. These new faculty also will be able to educate and train additional undergraduate and graduate students in vital health-related STEM fields.

This project meets the Board's Standard building efficiency, new construction cost, overall Space Usage Efficiency (SUE), deferred maintenance, and critical deferred maintenance.

Institution Name:	Lamar Institute of Technology		
Project Name:	Construct and Renovate Technical Arts Buildings		
Total Project Cost:	$16,504,683	Project Type:	New Construction
TRB Request:	$12,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 2
Authorization Condition:			
Recommendation:	Highly Recommended		

Institution Project Description:

Lamar Institute of Technology (LIT) proposes to replace five Technical Arts buildings totaling 60,000 gross square feet, with 82,550 square feet of renovated and new constructed space. This project would add classrooms, office space, and updated computer networking, and technology labs for the Advanced Engineering, Industrial Maintenance, Instrumentation, Process Technology programs, and a culinary kitchen for the Hospitality Administration Management program.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation and Success. This project would impact the Participation and Success goals by providing current technology as used in industry today and areas for tutoring and mentoring students to aid in recruitment and retention. It would also assist with faculty recruitment.

Project Evaluation:

The institution reports that the five Technical Arts (TA) buildings being renovated or replaced is a collection of older substandard buildings. Two of the buildings have no or limited restroom facilities, three have no heating or air conditioning, HVAC systems in the other two are failing and the majority of the buildings have no insulation and poor air quality. This project would address heating, air conditioning needs in the campuses two other buildings, and result in energy cost reductions. In addition, the current piping and chilled water systems for these buildings and for the entire campus are inadequate. A Limited Property Condition Assessment of the TA buildings determined the building and systems are far beyond effective useful life, and are ill suited to house education programs. The proposed facilities would reflect current industry technology and flexible enough for future technology and instructional needs. With these newly construction and renovated facilities, LIT would have the opportunity to recruit students, provide areas for tutoring and mentoring to retain students, and facilitate recruitment of full-time and part-time faculty for its programs.

This project meets the Board's Standard for building efficiency, space need, Space Usage Efficiency (SUE), new construction cost, deferred maintenance, and critical deferred maintenance. This project addresses $310,000 of deferred maintenance.

Institution Name:	Texas A&M University		
Project Name:	Construct New Veterinary Medicine and Biomedical Sciences Education Bui		
Total Project Cost:	$115,000,000	Project Type:	New Construction
TRB Request:	$115,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Highly Recommended		

Institution Project Description:

Texas A&M University proposes to construct a new 245,000 gross square foot Veterinary Medicine and Biomedical Sciences Education building with a Small Animal Hospital Expansion; to avoid risking accreditation of the only college of veterinary medicine in Texas and to respond to the current and projected shortages of veterinarians in Texas and the nation. The new facilities will include modern, high technology classrooms, and teaching laboratories large enough to accommodate expanded class sizes. Also included will be classrooms of different sizes and designs to support and develop innovative teaching methodologies, connecting to distant sites within and beyond Texas. Clinical teaching laboratories will hold hands-on learning experiences producing practice-ready veterinarians.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, and Research. Participation (enrollment) of underrepresented minorities and an overall high graduation rate has gone up. The institution is a leader in research expenditures within the state and nation.

Project Evaluation:

The institution reports, the American Veterinary Medical Association stated in a March 2010 letter that the College's accreditation is at risk due to facilities. The recent Facility Condition Analysis rated three of the six major buildings in "poor condition" and noted that they would be less expensive to replace than to upgrade to acceptable standards. The AVMA stated that class size could not be increased in current facilities without severely compromising the students' education. This prevents the College from enlarging the incoming class sizes in response to the shortage of veterinarians in Texas and in the nation. The Texas Higher Education Coordinating Board report, "Projecting the Need for Veterinary Medical Education in Texas," in January 2009 stated, "enrollment could be expanded at the TAMU College of Veterinary Medicine. Increased enrollment would relieve pressure on the demand for new veterinarians as the Texas population is projected to expand, and if targeted appropriately, may help to send more badly needed food and fiber animal veterinarians to rural areas."

This project meets the Board's Standard for building efficiency, new construction cost, space need, Space Usage Efficiency (SUE), deferred maintenance, and critical deferred maintenance.

Institution Name:	University of North Texas		
Project Name:	Construct New Science and Technology Research Facility		
Total Project Cost:	$98,000,000	Project Type:	New Construction
TRB Request:	$48,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 2
Authorization Condition:			
Recommendation:	Highly Recommended		

Institution Project Description:

University of North Texas (UNT) proposes to construct a facility of approximately 161,500 gross square feet for multi-disciplinary research functions. Designed to support and encourage collaboration among diverse researchers contributing to multi-disciplinary research problems in the physical sciences, social sciences, computer science, and engineering as well as technology development and technical entrepreneurship. The facility is planned to be primarily laboratory space, multi-story with a large proportion of high technology open-concept research laboratories along with a smaller number of non-classroom scientific collaboration spaces, seminar rooms and necessary office space.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence, and Research. The additional research space included in this project will allow the university to accommodate more research students including the participation of underrepresented students. It will allow for an increase in the number of graduate students in existing graduate programs and provide research space for new doctoral programs currently being planned in Electrical Engineering and Mechanical and Energy Engineering. Total bachelor's degrees since FY 2000 have increased by 70%, while bachelor's degrees in the STEM areas (the so-called "Closing the Gaps Critical Fields") have increased 92.7%. This project is designed specifically to promote expansion of doctoral research programs, especially those in STEM disciplines with need for laboratory space. The construction of the Science and Technology Research Building will expand upon the university's research capacity and will include trans/interdisciplinary science and technology research space.

Project Evaluation:

The institution reports, this project is central to the plan to hire additional research faculty and hence meet its goals for increased research expenditures. It is projected that the University will need at least 300,000 square feet of new space to accommodate the new faculty hires and their research teams. This project, expected to be completed in 2014, is required if the University is to continue the planned faculty expansion and hence to meet its goals for increased research expenditures.

This project meets the Board's Standard for building efficiency, space need, Space Usage Efficiency (SUE), new construction cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	Lamar State College - Orange		
Project Name:	Workforce Training Center		
Total Project Cost:	$6,410,000	Project Type:	New Construction
TRB Request:	$6,410,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Highly Recommended		

Institution Project Description:

Lamar State College - Orange (LSC-O) proposes to construct a 17,000 gross square foot Workforce Training Center on property already owned by the institution. Current space being used for this purpose is prone to flooding and the new space will be built above the flood level to protect from future damage.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, and Excellence. In the last 10 years Lamar Orange has increased by 17%, two-year colleges statewide have increased over 45%. African American enrollment has increased by around 250 during that same period and Hispanic enrollment by 40. Lamar has greatly increased the number of Certificates awarded.

Project Evaluation:

The institution reports, the campus lacks appropriate space to train students in vocational and technical fields such as welding, construction trades, industrial and manufacturing technology. Currently, non-credit programs such as Welding are housed in a rented facility located some distance from the main campus. The Industrial Technology program has outgrown current allocated space and an industrial size model for process operating training is currently located outside due to lack of adequate space to house model inside any existing building.

This project meets the Board's Standard building efficiency, space need, new construction cost, deferred maintenance, and critical deferred maintenance. However, this project does not meet the Board standard for Classroom Space Usage Efficiency (SUE).

Institution Name:	Texas A&M University - San Antonio		
Project Name:	Construct New Academic Classroom and Library Building		
Total Project Cost:	$70,000,000	Project Type:	New Construction
TRB Request:	$45,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Highly Recommended		

Institution Project Description:

Texas A&M University - San Antonio (TAMU-SA proposes to construct, equip, and furnish a 185,000 square foot Academic Classroom and Library Building, including related infrastructure. This Academic Classroom and Library Building will consist of classrooms; lecture halls; Kinesiology labs and fitness facilities; student service offices; a variety of conference rooms to accommodate large and small groups; laboratories; computer labs; disability services and counseling rooms; group study rooms; and a full service, technologically advanced library.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation and Success. At this point, A&M-San Antonio provides students in this region with the lowest tuition and fees available among the city's universities. Eighty-six percent of TAMU-SA students transferred from an Alamo College. The university has awarded 2348 degrees from 2001 to 2010.

Project Evaluation:

The institution reports that this project will support the largest academic program at TAMU-SA; the education program, with more than half of the University's total enrollment being Education and Kinesiology majors. This building will house faculty from the Division of Education and provide much needed classrooms and meeting spaces, as well as laboratories for education and kinesiology students to work with schoolchildren under the guidance of professors and master teachers through the Model for Success teacher preparation initiative.

This project meets the Board’s Standard for building efficiency, new construction cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	The University of Texas at El Paso		
Project Name:	Construct New Interdisciplinary Research Facility		
Total Project Cost:	$100,000,000	Project Type:	New Construction
TRB Request:	$90,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Highly Recommended		

Institution Project Description:

The University of Texas at El Paso (UTEP) proposes to construct a new 250,000 gross square foot Interdisciplinary Research Facility that integrates research, institutional research support and teaching space. This proposed facility will provide space to meet the growing needs of a variety of multi-disciplinary research centers that reflect UTEP's five strategic research priorities. It will also serve as convening space for both internal and external research stakeholders, including collaborating academic, industry and governmental organizations.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence, and Research UTEP has helped raise the expectations and aspirations of young people in this region by creating a research-intensive campus climate that is highly attractive to the region's most talented and highly motivated students. The proposed project will increase the usable instruction and research space, which will allow for more opportunities for research experiences for undergraduate students. UTEP has placed a high priority on creating more such undergraduate research laboratory jobs because our institutional data reveal that holding such a job stabilizes the enrollment of "at risk" students and increases their probability and efficiency of degree completion. UTEP is increasingly gaining national recognition for the success of its academic programs. UTEP has received numerous STAR Awards from the Texas Higher Education Coordinating Board for its student success. UTEP's progress in securing additional external research funding over the past 20 years led to its designation by the 81st Legislature as one of the seven Emerging Tier One Universities in Texas.

Project Evaluation:

The institution reports, this proposed facility will provide space to meet the growing needs of a variety of multi-disciplinary research centers that reflect UTEP's five strategic research priorities. It will also serve as convening space for both internal and external research stakeholders, including collaborating academic, industry and governmental organizations. Teleconferencing and remote learning facilities and virtual collaborators' will expand UTEP's capacity to bring together both on and off-campus partners, with flexible and sharable laboratory and instructional spaces that will enhance academic and research programs.

This project meets the Board's Standard for building efficiency, new construction cost, space need, Space Usage Efficiency (SUE), deferred maintenance, and critical deferred maintenance.

Institution Name:	The University of Texas at Arlington		
Project Name:	Renovate Life Science Building		
Total Project Cost:	$74,800,000	Project Type:	Repair and Renovation
TRB Request:	$74,800,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Highly Recommended		

Institution Project Description:

The University of Texas at Arlington (UTA) proposes to renovate the Life Science Building which, is occupied by the College of Science including; Dean of Science, Biology, Psychology, Bio-engineering, Animal Research facility and research offices, classrooms, instructional labs and lab support spaces. The building was constructed in 1970, thus the infrastructure has served its useful life. While some isolated renovations have occurred, the building remains, for the most part, in its original state. Addressing the deficiencies is imperative for the continued growth of the university and movement towards becoming a large, comprehensive research and teaching institution. Construction will be executed in phases since the building will remain partially in-service during renovation.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence and Research. Enrollment has increased overall and for underrepresented students. Graduation went up from 44 to 50 percent over the past five years. Several nationally recognized programs. Research expenditures more than doubled in past five years.

Project Evaluation:

The institution reports, this project involves renovation of a building that has served its useful life in order to continue serving a growing population of a local and highly recognized student body from throughout the state. The Carnegie Foundation has recently classified UT Arlington as a Research University/High Activity for the Advancement of Teaching. Research expenditures have more than doubled in the past five years. A record-breaking fall enrollment of approximately 33,000 for Fall 2010, 28,084 in 2009 and 25,100 in 2008 reflects the University's intense focus on students and increasing diversity of academic programs. Gains are most prominent in the critical areas of nursing, education and science—fields in which aggressive recruiting and retention efforts have been quite successful. The program is expected to boost retention rates for engineering and science majors by 15% during the five-year exploratory effort. Biology is one of the top 2 majors confirmed upon graduation and the sciences are a core class for many of the other degree programs offered, therefore addressing the building's current deficiencies make it imperative for the continued growth of the university and movement towards Tier 1 status.

This project meets the Board’s Standard building efficiency, space need, renovation construction cost, deferred maintenance, and critical deferred maintenance. This project addresses $1,152,000 of the institutions deferred maintenance.

Institution Name:	University of North Texas		
Project Name:	Construct New Building for the College of Visual Arts and Design		
Total Project Cost:	$63,000,000	Project Type:	New Construction
TRB Request:	$63,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	2 of 2
Authorization Condition:			
Recommendation:	Highly Recommended		

Institution Project Description:

University of North Texas (UNT) proposes to construct a building of approximately 120,000 gross square feet for the College of Visual Arts and Design (CVAD). The facility is planned to be a multi-story building with classrooms, lecture halls, computer laboratories, teaching labs, study areas, seminar rooms, multimedia learning, art galleries, student exhibition spaces, and critique areas. It will also include advanced and graduate student studios, administrative offices, meeting rooms, and informal work areas.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence, and Research. The new building will permit increased advanced course offerings and new programs in design, interactive media and animation, with linkages to computer engineering and business, attracting a more diverse population base, increased participation rates for minority students and allowing for higher graduation rates. The new facility will provide the necessary learning environments including classrooms, studios, laboratories, and collaborative spaces that will promote greater student successes. UNT is a member of the National Association of Schools of Art and Design, which provides peer institutional comparisons and benchmarking. This project will also provide for the growth of new, research and greater access for interdisciplinary research through collaborations with the UNT Library and its Digital Portal program. It will enhance CVADs participation in federally funded research projects through enhanced computer-based research facilities and studios for additional graduate students.

Project Evaluation:

The institution reports, CVAD at UNT is the largest and most diverse art and design programs in Texas and one of the largest in the nation. At current enrollment levels, CVAD operates with an NASF space deficit in excess of 53,000 SF. These deficit figures are actually artificially low, as enrollment restrictions based on lack of available space have limited class offerings. Further, CVAD has implemented a series of steps to limit participation in programs due to facility restraints. The new building will improve teaching, safety, sustainability and be much more cost effective to operate. CVAD programs that currently collaborate strongly with programs in environmental science, business, engineering and other fields can be expanded fully engaging the new UNT Research Clusters linking music, theater, film and art.

This project meets the Board's Standard for building efficiency, space need, Space Usage Efficiency (SUE), deferred maintenance, and critical deferred maintenance. This project does not meet the Board's standard for new construction cost.

Institution Name:	The University of Texas - Pan American		
Project Name:	Construct Addition and Renovate the College of Business Administration B		
Total Project Cost:	$46,000,000	Project Type:	New Construction
TRB Request:	$46,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	2 of 2
Authorization Condition:			
Recommendation:	Highly Recommended		

Institution Project Description:

The University of Texas – Pan American (UTPA) proposes to construct an additional 82,977 gross square feet and renovate an additional 48,891GSF of the institutions inadequate and aging Business Administration Building. The project will provide classroom space with modern instruction technology in classrooms capable of accommodating larger numbers of students. The project will also provide needed faculty, office and meeting space. The plan for the building would result in a facility with 10 amphitheater-style lecture rooms, 11 collaborative-learning classrooms, a suite for 3 Research Centers, 2 student-tutoring rooms. The building will feature low-cost, green areas and energy-efficient features that will save taxpayer dollars and contribute to a healthier environment.

Closing the Gaps Goal:

UTPA have engaged in a number of activities to make strides in the Closing the Gaps goals. This includes collaboration with public schools, Region One Educational Service Center, community colleges, and other entities to recruit students to college. The college also holds workshops for high school teachers in Texas on economics and financial literacy. An improved student orientation and registration process, specialized services for transfer, returning and evening students has contributed greatly. Learning frameworks and student success courses for entering freshmen, expanded general and specialized advising services, articulation agreements with community colleges, and extensive assessment of programs and processes have also helped improve retention rates and student success.

Project Evaluation:

This project will correct the gross inadequacy of current space for students, faculty and staff which greatly encumbers the ability of the College of Business to increase enrollment and provide a quality education at all levels. The proposed new and renovated facility would provide a modern structure with space, such as learning labs, team meeting rooms, and research assistant workstations, needed to attract students to the institutions business programs, accommodate their learning needs and ensure the success of these mostly first-generation undergraduate, master's and doctoral students. The facility would allow space for specialized centers of excellence focusing on research.The proposed project will provide much needed space for our successful and nationally recognized student organizations.

This project meets the Board’s Standard for building efficiency, new construction cost, space need, Space Usage Efficiency (SUE), deferred maintenance, and critical deferred maintenance. However, this project does not meet the Board Standard for Renovation cost.

Institution Name:	University of North Texas at Dallas		
Project Name:	Construct New Library and Student Success Center		
Total Project Cost:	$70,000,000	Project Type:	New Construction
TRB Request:	$63,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

University of North Texas at Dallas (UNTD) proposed to construction a new 165,000 GSF, Library and Student Success Center, the third building at UNTD. Programs at the facility will be focused on student academic support, retention, and graduation. Housed in the proposed building will be a "one stop shop" of integrated programs, including College Readiness and Academic Success, Admissions and Enrollment Management, Student Financial Services, and New Student Orientation. Additional instructional space will provide flexible classroom and auditorium space.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence and Research. This facility will impact participation, success, excellence, and research goals, with particular impact on participation and success. UNTD is located in an area with low educational attainment and a high minority population – areas targeted for increased CTG participation. Many area students are first-generation college.

Project Evaluation:

The institution reports, it is strategically located to significantly expand opportunities for educational access to students in the Southern Sector of Dallas County, the City of Dallas, and the North Texas region. The addition of this building will facilitate student recruitment, retention and graduation, and overall student success by consolidating the library with student support services designed to improve educational access and degree attainment. Recently revised Closing the Gaps projections (which consider the impact of the new building) target enrollment for UNTD of 3,700 and 6,000 students for 2015 and 2020, respectively. The facility will be a key factor in meeting aggressive future goals for minority enrollment. The state-of-the-art connectivity of the center's academic functions is designed to facilitate preparation of students for careers in the STEM disciplines. The library will promote information literacy, research skills, and lifelong learning. The additional instructional space in the new building will enable the university to expand course offerings, offer multiple sections, and extend learning to the community.

This project meets the Board's Standard building efficiency, new construction cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	The University of Texas at San Antonio		
Project Name:	Construct New Experimental Science Instructional Building		
Total Project Cost:	$92,750,000	Project Type:	New Construction
TRB Request:	$92,750,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

This project consists of a new 150,000 GSF Experimental Science Instructional Building. The Experimental Science Instructional Building will provide new, state-of-the-art science teaching laboratories, classrooms, and related support space for the College of Sciences and College of Engineering undergraduate programs in a modern, safe, energy efficient building. Additional teaching laboratories and classrooms are desperately needed to accommodate UTSA's more than 50% increase in enrollment in the last decade. The new building will add approximately 90,000 square feet of assignable E&G space.

Closing the Gaps Goal:

This project would impact the participation and excellence goals by providing needed facilities capacity and quality.

Project Evaluation:

UTSA reports the project will add much needed teaching laboratory and classroom space to the University of Texas at San Antonio's Main Campus, while ensuring that STEM teaching facilities reflect up-to-date technology, safety, and security characteristics. This space will help reduce the severe space deficit at UTSA while supporting programs of translational science that demonstrate commercial applications of scientific principles. It will also support programs that enhance the teaching skills of students preparing for careers in science instruction at K-12 institutions. The Colleges of Sciences and Engineering have contributed significantly to UTSA's growth in enrollment over the past ten years and this growth has outpaced the addition of new classroom and teaching laboratory space. Adding laboratory space to UTSA's space inventory would allow science and engineering students to have more appropriate sequencing of class/lab schedules. Currently many science and engineering undergraduates are forced to take classes out of sequence because of an insufficient inventory of teaching labs. Additionally many of the existing class labs used for STEM programs that would be replaced by this project are located in a thirty-five year old facility and many of the existing class labs are obsolete.

This project would address no reported deferred maintenance.This project meets the Board's standards for cost, efficiency, and space need.

Institution Name:	Lamar Institute of Technology		
Project Name:	Construct Student Services and Learning Support Center		
Total Project Cost:	$16,202,972	Project Type:	New Construction
TRB Request:	$12,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	2 of 2
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Lamar Institute of Technology (LIT) proposes construction of a 60,000 gross square foot Student Services and Learning Support Center for one-stop student services, admissions, and registration. This facility will provide service space for student financial aid, cashiering, recruitment and advisement, testing and placement, workforce development, continuing education and lifelong learning, corporate training, student government and student activities. The learning center will consist of student computer learning labs, developmental education labs, tutoring and mentoring, conference rooms and related office facilities for all the above services would be housed in this new facility, the cost of which would be $16 million.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, and Excellence. This project would impact the Participation and Success goals by helping attract, serve, and retain students through completion of their degree programs. LIT has exceeded its Closing the Gaps participation target and its first time, full-time, credential-seeking enrollment increased by 119 percent from fall 2000 to fall 2009.

Project Evaluation:

The institution reports that the proposed Student Services and Learning Support Center would provide a location for a college-wide learning lab for all programs, tutoring and mentoring, developmental education labs for faculty and students, testing and placement services. The institution would be able to provide the type of student support required which will improve student learning outcomes for our students, address appropriately retention efforts and provide for better recruitment for new students, whether degree-seeking or not. The new facility would provide the appropriate student services and related support in one location allowing for a comprehensive and much needed student service area.

This project meets the Board's Standard for building efficiency, space need, Space Usage Efficiency (SUE), new construction cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	Texas State University - San Marcos		
Project Name:	Construct New Engineering and Science Building		
Total Project Cost:	$70,000,000	Project Type:	New Construction
TRB Request:	$70,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 2
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Texas State University-San Marcos (TSU SM) proposes to construct a new 94,253 gross square foot Engineering and Sciences building. This project will consist of faculty office space, faculty research labs, specialty labs, processing space, classrooms, an advising center, student study space, student lounge space, and conferencing facilities. The project will require extensive campus infrastructure and site utilities necessary to support a facility of this size and nature.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence, and Research. The new facility will contribute to the recruitment of additional students to the School of Engineering. It will also support the requested Ph.D. program in Materials Science, Engineering, and Commercialization.

Project Evaluation:

The institution reports in keeping with University, College and School missions, the Engineering and Science facility will help foster interdisciplinary research and collaboration among various science and engineering programs. Research and teaching spaces for life sciences and a multi-discipline engineering program are combined with offices for faculty, graduate students, and department heads. The Engineering and Science building is planned to accommodate an increased need for scientific research space on campus, as well as to respond to a State initiative to develop engineering programs at Texas State University-San Marcos. All departments have currently outgrown the space in their respective buildings. These programs are designed to be student-centered, and are structured to provide extensive hands-on experience. The university, federal government, and industry organizations have invested heavily (approximately $18 million) in the Ingram School of Engineering to enhance its research capabilities and infrastructure. These investments have been in the form of renovation of space in existing buildings for research labs, and new support staff positions

This project meets the Board's Standard for building efficiency, space need, Space Usage Efficiency (SUE), new construction cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	Tarleton State University		
Project Name:	Renovate Instructional and Student Success Space		
Total Project Cost:	$36,200,000	Project Type:	Repair and Renovation
TRB Request:	$27,150,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Renovate, rehabilitate, equip, furnish and expand College of Liberal and Fine Arts instructional and student success spaces including related infrastructure.

Closing the Gaps Goal:

This project would impact the Participation and Success goals by providing the capacity to serve the recent growth in participation and would provide more adequate space for the student success initiatives at the institution.

Project Evaluation:

Tarleton State University reports the renovation and rehabilitation is needed to modernize and update the core curriculum instructional spaces and to provide a centralized location for student success initiatives in order to increase retention of existing students, assist in recruiting new students, and to create environments that are secure and enhance learning for all students. The project will also result in improved energy efficiency. ADA concerns will be addressed with the renovation and rehabilitation of these spaces and stairs, restrooms, routes of entry, and egresses, etc., will be evaluated and upgraded to be consistent with current standards of ADA and the Texas Accessibility Standards (TAS), Architectural Barriers requirements. These renovated, rehabilitated and expanded spaces will be used to provide general education core curriculum courses, and also will be used to centralize student success initiatives including opportunities for first-year student needs, tutorial services, instructional laboratories for mathematics and freshman composition, university testing services, ESL services, classroom teaching and supplemental instruction. Improvements will include floor coverings, ceiling tiles, lighting, electrical distribution, restrooms, plumbing, HVAC, controls, sprinkler systems, elevators, new roofs, card access, new furnishing, new windows and doors in some cases, and expanded or additional classroom space.

This project would address $855,000 in deferred maintenance which is about 2 percent of the project cost.This project meets the Board's standards for cost and space need.

Institution Name:	University of Houston - Downtown		
Project Name:	Construct Science and Technology Building		
Total Project Cost:	$51,429,000	Project Type:	New Construction
TRB Request:	$41,429,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

The University of Houston – Downtown (UHD) proposes to construction a 120,000 GSF building and attached multi-level parking facility to serve as the home for the majority of UHD's College of Sciences and Technology (CST), one of four academic units at the University. The CST is home to all Science, Technology, Engineering, and Mathematics (STEM) programs and provides opportunities for under-represented groups to work for and attain degree goals in STEM areas. The university has identified two owned tracts as possible sites and the preferred building type would be a 4-story mid-rise, similar to other UHD facilities added in recent years. The proposed new building will contain specialized classroom and lab space, departmental and faculty offices, dedicated space for the UHD Scholar's Academy, as well as the dean's office.

Closing the Gaps Goal:

This project will help address the Closing the Gaps goals of participation, success, excellence, and research, and specifically in the goal of increased students who earn degrees in STEM fields, particularly among under-represented minorities. Although UHD is primarily an undergraduate institution, externally sponsored research volume has increased five-fold in the last 10 years and sponsors now include many federal and local agencies (NSF, DOE, ARO/DOD, NIH, ORNL/DOD, US Army, CASHI, Welch and Brown Foundations).

Project Evaluation:

The institution reports that the CST has outgrown its present facilities and that is project is the top expansion priority for UHD. The CST will develop several new programs in the coming two decades to meet anticipated demand in such fields as Geosciences, Computational Biology, and Biotechnology. Future plans also call for BAAS degrees (e.g. Applied Health Sciences, and Information Technology), an interdisciplinary Masters program in Environmental Sciences, a Masters degree in Computational and Informational Sciences, and others. The Natural Sciences department currently has approximately 45,000 sq. ft. of space including labs and faculty offices. However, recent NS faculty replacements and new hires (over 12 since 2005) require additional laboratory space. In order to continue growing enrollments and developing the department, especially with recent proliferation of student and faculty research, additional space will be required. This includes large laboratories for first year science students, smaller laboratories for upper-level science, storage space and prep area for these labs, student/faculty project labs, faculty offices, and departmental conference rooms.

This project meets the Board's standards for space, cost, and efficiency.

Institution Name:	Texas State University - San Marcos		
Project Name:	Construct Music Building		
Total Project Cost:	$56,705,000	Project Type:	New Construction
TRB Request:	$56,705,000	THECB Rank:	
TRB Authorized:		Institution Rank:	2 of 2
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Texas State University - San Marcos (TSU SM) proposes to construct a 109,582 gross square foot Music Building. The facility will consist of rehearsal and practice rooms, classrooms and labs, a music library, student spaces, office and support space, space for the Sound Recording Technology degree, and building support. The rehearsal and practice rooms will accommodate opera, percussion, jazz and multicultural, a choral suite, instrumental rehearsal and grand pianos.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence and Research.

Project Evaluation:

The institution reports, that the Campus Master Plan called for the School of Music to be part of the Performing Arts Center. However, as a result of a feasibility study completed in February 2007 it was determined that the amount of land available was not sufficient for a music hall, proscenium theatre, concert hall, dance space, and the departments of music and theatre. The School of Music is currently located on the north side of campus in a building that was previously used as a gymnasium. The School of Music has outgrown this building. The recommendation was made to relocate the School of Music to the south side of campus. By locating the School near the Performing Arts Center, it will be an integral part of the new center and have much better proximity to the performing arts venues, one being a music recital hall, will enjoy greater visibility on campus, and be easily accessible to the neighboring communities. Additionally the current retrofitted building lacks the acoustical quality that is required for a successful music program.

This project meets the Board's Standard building efficiency, space need, classroom Space Usage Efficiency (SUE), new construction cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	University of Houston		
Project Name:	Construct New Pharmacy Building		
Total Project Cost:	$52,800,000	Project Type:	New Construction
TRB Request:	$47,300,000	THECB Rank:	
TRB Authorized:		Institution Rank:	2 of 3
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

The University of Houston (UH) proposes to construct a new 132,000 gross square foot Pharmacy building, which would provide unified space to house the College of Pharmacy's instructional programs, and research laboratories under one roof. UH's pharmacy classrooms and research facilities are currently divided between two buildings 2.5 miles apart. This new building on the University of Houston campus would allow the College of Pharmacy to unify faculty and students under one roof.

Closing the Gaps Goal:

This project impacts the excellence, and research goals by providing a modern dedicated college of Pharmacy teaching and research facility that would attract nationally recognized faculty, and students in support of the institutional and state research goals; by increasing the number or tier-one research institutions in the state of Texas.

Project Evaluation:

The University of Houston (UH) reports that this new building on the UH campus would allow the College of Pharmacy to unify faculty and students under one roof, greatly expanding capacity to graduate highly trained pharmacy professionals and conduct pharmacological research. The College's faculty members are dedicated to providing state-of-the art experiences for professional pharmacy and graduate students, discovering the causes and cures for important diseases and disorders, and delivering pharmacy-related services for patients at numerous healthcare centers in the region. A new, state-of-the art pharmacy building is essential for the College to recruit top faculty and students and provide the infrastructure needed to compete for federal research dollars. The UHCOP is one of the only nationally recognized Colleges of Pharmacy that does not have a single dedicated facility for its program.

This project does meet the Board's standard for space need, building efficiency, Space Usage Efficiency (SUE), cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	The University of Texas M.D. Anderson Cancer Center		
Project Name:	Construct New Basic Science Research Building Two		
Total Project Cost:	$250,000,000	Project Type:	New Construction
TRB Request:	$50,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

This project will construct a new research building within MD Anderson's main campus, phase I of this project will construct 15 stories totaling approximately 690,000 gross square feet (gsf). This initial project will include the site, building core and shell and the interior build-out of only 105,000 gsf (two floors of basic science research laboratory space and one floor of clinical research space, including sufficient office, conference and building support space). The facility will include research laboratories designed to meet new and evolving medical laboratory requirements, similar to the design for the Mitchell Basic Sciences Research Building.

Closing the Gaps Goal:

The project will provide necessary space to accommodate the expanding research mission of MD Anderson, expand related academic programs, and enhance the capacity for the institution to sustain its national rankings and achievements. MD Anderson is recognized as a world leader in research that translates science into clinical practice. Plans for the project include laboratory research space for recruitment of key outstanding scientists supporting the research goals of the departments.

Project Evaluation:

MD Anderson has identified an exceptional opportunity to secure outside funding and maximize leveraging of TRB funds, including substantial external funding for programmatic support. The BSRB II project constructs a new research facility designed to meet new and evolving medical research laboratory requirements and anticipated growth in research. A major component is the Institute for Personalized Cancer Therapy. The Institute will co-locate preclinical investigation in drug development, a pharmaceutical center that can produce and test drugs according to federal standards, state of the art biostatistics and informatics and the country's largest clinical research program testing new cancer treatments. Three principal reasons exist for the construction of BSRB II, the deficient state of existing research facilities which must be decommissioned, the desire to consolidate disparate functions, and the need to accommodate the demands of the continually changing technology and research program growth. The BSRB II will provide necessary space to, accommodate the expanding research mission of MD Anderson, expand related academic programs, and enhance the capacity for the institution to sustain its national rankings and achievements.

This project meets the Board standard for space need, building efficiency, cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	University of North Texas Health Science Center at Fort Worth		
Project Name:	Construct New Interdisciplinary Research Building		
Total Project Cost:	$90,000,000	Project Type:	New Construction
TRB Request:	$66,600,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

University of North Texas Health Science Center (UNTHSC) at Fort Worth to construct a 150,000 gross square foot Interdisciplinary Research building. This facility will consist of a multi-story building with research laboratories, classrooms, teaching labs, study areas, seminar rooms, multimedia learning, and associated student learning spaces. Faculty and administrative offices would also be included in this building with graduate student research studios, meeting rooms and informal work areas.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Research and Excellence. There is a strong likelihood that the facilities could assist the institution in improving its national research rankings. Research at UNTHSC has grown substantially in recent years, and are fully expected to increase in the coming years to help Close the Gaps for the state of Texas. UNTHSC is the fastest growing of all Texas Health Science Centers in the area of research. From FY2005 to FY2010, we increased research awards by over 100%, to more than $41M.

Project Evaluation:

The institution reports that this project will support both the academic and research initiatives for Texas College of Osteopathic Medicine (TCOM), Graduate School of Biomedical Sciences (GSBS), School of Public Health (SPH) and School of Health Professions (SHP). This facility will house several of the Health Institutes of Texas, including the Institute for Aging and Alzheimer's Disease (IAADR), the Institute for Cancer Research (ICR), the Cardiovascular Research Institute (CRI), and the newly formed Texas Prevention Institute (TPI). The construction of the Interdisciplinary Research Building is required to ensure UNTHSC's growth in cutting-edge research continues. The building will in particular support UNTHSC's expansion of translational and clinical research, which is critical to solving the health problems of Texas and the nation.

This project meets the Board's Standard for building efficiency, new construction cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	Texas A&M University System Health Science Center		
Project Name:	Construct New Bryan Campus Medical Education and Research Building		
Total Project Cost:	$80,000,000	Project Type:	New Construction
TRB Request:	$55,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Texas A&M University System Health Science Center (TAMUSHSC) proposes to construct a 115,385 gross square foot new Bryan Campus Medical Education and Research Building in Bryan which will contain 4 levels. Two levels will be dedicated to education and teaching and will contain classrooms and study areas. Included in the classrooms will be a new gross anatomy teaching laboratory. This new gross anatomy lab will replace the current gross anatomy lab located in the Reynolds Building, which is on the main campus of Texas A&M University. The remaining 2 floors will contain research space for College of Medicine and College of Pharmacy faculty researchers. The research space will be primarily wet labs in an open laboratory concept. This research space will also include additional animal research space to compliment the animal research space in the existing Medical Education and Research Building.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, and Excellence. Participation is affected through the continuation of the expansion of the Colleges of Medicine, Nursing and Pharmacy which will be directly impacted by the development of the proposed facility and is critical in the Health Science Center's efforts to address growing needs in Texas for health professional graduates. Recruitment programs targeting high quality and diverse students, along with aggressive recruitment efforts of nationally recognized researchers, impact excellence. The proposed project would provide state of the art facilities, with approximately 35,000 NSF dedicated to research. It would facilitate better coordination among researchers, as all HSC researchers in the Bryan/College Station would be at one location.

Project Evaluation:

The institution reports, this education and research space will be needed to accommodate the increasing class size and additional new faculty and ensure the continued growth of the new HSC campus in Bryan. The building will connect to the existing Medical Education and Research Building and provide convenient flow from building to building for students and faculty. Having this teaching facility on the new HSC campus will alleviate the need for students and faculty to travel back and forth between campuses between classes. The research space will be primarily wet labs in an open laboratory concept that is consistent with other research space on campus.

This project meets the Board's Standard building efficiency, space need, new construction cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	Texas Tech University		
Project Name:	Renovate and Expand of the College of Engineering Buildings		
Total Project Cost:	$90,000,000	Project Type:	New Construction
TRB Request:	$81,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	2 of 2
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Texas Tech University (TTU) proposes to renovate and expand the College of Engineering, which represents the next crucial step in expanding, and modernizing all current and proposed buildings associated with the Whitacre College of Engineering and its research mission. The renovation of all current buildings and expansion of the College into other existing buildings on campus that also need renovating will help add significant square footage to the College. The new expansions and associated renovations will provide quality space for programs and activities such as strategic program initiatives, undergraduate student services, engineering student organizations, shared instrumentation facilities and new classrooms of varying size; all centered on a commons space, allowing faculty and student interaction, study, and special events. It will also house new offices, research and teaching space for a few departments in the college, the Dean, student services and testing

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence, and Research. Additional research and teaching space will help them continue making progress toward enrollment goals. Completions are up and completion rates are climbing. Additional research space is part of this project. Research expenditures have grown dramatically in the recent past. This project would significantly aid their objective of becoming a nationally recognized research university.

Project Evaluation:

The institution reports, this project will allow the College to remedy longstanding space quality deficiencies and improve classroom utilization. More importantly, the project will provide adequate space for expanded resources and services to support undergraduate student success and participation as Texas Tech implements initiatives to increase capacity for under representative students in Engineering, contributing to the State's goals articulated in Closing the Gaps. Furthermore, the expansion and renovation project will support the goal of improving learning environments for students and faculty, supporting the increasing excellence in undergraduate and graduate engineering programs, contributing to the recruitment, retention and success of faculty and students at Texas Tech University's Whitacre College of Engineering.

This project meets the Board’s Standard building efficiency, space need, new construction cost, Space Usage Efficiency (SUE), deferred maintenance, and critical deferred maintenance. However, this project does not meet the Board standard for renovation construction cost.

Institution Name:	Stephen F. Austin State University		
Project Name:	Construct New Molecular Science Building		
Total Project Cost:	$50,000,000	Project Type:	New Construction
TRB Request:	$50,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Construct a new 75,800 gross square foot Molecular Science Building. The current Chemistry building was built in 1938 and has approximately 27,000 gross square feet with only 15,000 square feet of assignable space. An external assessment prepared by Perkins & Will, Architects, revealed that the chemistry program would require 34,000 additional square feet of assignable space to meet the current and future needs of the department.

Closing the Gaps Goal:

The project would elevate and promote participation, excellence, and success of the STEM programs currently in place at Stephen F. Austin State University by providing a more modern and centralized science facility.

Project Evaluation:

Stephen F. Austin State University reports that this new science building will consolidate multiple science laboratories, departmental offices, and classrooms in one centralized building. Having the faculty and students located within the same building this will encourage interaction, shared instruction, and collaborative research. These instructional areas complement one another and would utilize and share expensive laboratory equipment across all disciplines by being located in one facility.

This project meets the Board's standards for overall Space Usage Efficiency (SUE), building efficiency, space need, cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	Texas Woman's University		
Project Name:	Renovate Old Main Building Phase II		
Total Project Cost:	$17,500,000	Project Type:	Repair and Renovation
TRB Request:	$17,500,000	THECB Rank:	
TRB Authorized:		Institution Rank:	2 of 4
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

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Closing the Gaps Goal:

xas Woman's University seeks to renovate the Old Main Building, constructed in 1901. This 3-story, 77,567 GSF building houses offices, laboratories, textile shops, and classrooms and is the oldest facility on campus. The most recent renovation, Phase I, of the current restoration plan was completed in 2008. This project consisted of stabilizing the shifted foundation, weatherproofing the building envelope, addressing external code requirements and restoring the brick, stone and veneer over masonry block exterior to its original luster. This request is for Phase II of the 109-year-old facility which addresses all internal issues from the substandard electrical, mechanical, and plumbing systems to mandatory code requirements, deteriorating plaster ceiling, fixtures, and wood components throughout the building. The reliability of the building structural components, environmental systems, life safety, and accessibility infrastructure requires immediate attention. Closing the Gaps Goals:This project could affect the goals of participation and success if not remedied. Old Main houses a large number of labs for microbiology, fashion and textiles, and nutrition. The failure to renovate these labs could impact the university's ability to deliver educational programs as instructional delivery and study methods could be affected.

Project Evaluation:

The institution reports that failure to correct these building components could impact the university's ability to deliver educational programs as instructional delivery and study methods could be affected. Attention to the sensitivity of this historic facility's features is important. Given the number of laboratories and the age and degradation of this facility, TWU's concern is heightened because of increased environmental oversight and intervention by the EPA and TCEQ relating to potential impacts on the environment.

This project meets the Board's standards for space need and cost. This project would address $6,712,659 is deferred maintenance.

Institution Name:	The University of Texas at Brownsville		
Project Name:	Construct New Student Success Center		
Total Project Cost:	$63,000,000	Project Type:	New Construction
TRB Request:	$63,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

The University of Texas at Brownsville (UTB) proposes to construct a 122,000 gross square foot Student Success Center in Brownsville, which will support students from their first application through graduation. This facility will consist of instructional space clusters, resource rooms, laboratories, offices, and meeting rooms that will provide for optimal teaching, learning, and service delivery. The special layout and design of offices for ancillary student services will combine to create space necessary to meet the rapidly expanding needs of the campus and community.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation and Success. Participation is impacted by offering expanded student learning services, including a summer bridge program that will allow recent high school graduates who plan to attend the institution, an opportunity to get a head start on their freshmen year over the summer. Success goal will be impacted by providing space to allow the institution to expand the course offerings to include a college preparatory program designed to provide students with an opportunity to develop the skills necessary to successfully complete their education.

Project Evaluation:

The institution reports, this building is important to meet the needs in growth of the university and will be better served by the consolidation of all student support services on the campus necessary to facilitate access to higher education and encourage student development and success. The Student Success Center will co-locate programs focusing on targeted needs of specific populations. Modern learning facilities and programs allow students to easily access a cross section of academic and student service support. Many of these support services are provided in an older building built in 1958. The Student Success Center supports students from their first application through graduation. In order to help students succeed during their freshman year and improve both the retention and graduation rates, the Student Success Center will create a one-stop shop for critically needed services including advising, tutoring, and counseling.

This project meets the Board's Standard building efficiency, space need, overall Space Usage Efficiency (SUE), deferred maintenance, and critical deferred maintenance. However, this project does not meet the Board Standard for new construction cost.

Institution Name:	Lamar University		
Project Name:	Construct New Science Building		
Total Project Cost:	$25,000,000	Project Type:	New Construction
TRB Request:	$25,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Lamar University (LU) proposed to construct a new science building. The current Hayes Biology Building is over 43 years old and is far behind other laboratory and researching facilities. Lamar's classrooms, laboratories, research facilities, offices and storage areas in the sciences (biology, chemistry, physics, and earth science) are woefully outdated, inefficient and potentially hazardous. The Chemistry Building was constructed in 1959, the Hayes Biology Building was built in 1968, the Archer Physics Building was built in 1966 and the Geology Building was constructed in 1958. Lamar has a long running and well-deserved reputation for excellence in the so-called STEM disciplines (Science, Technology, Engineering and Mathematics), but lacks contemporary facilities for further growth in enrollment, research and educational programs.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence and Research. This project will impact enrollment of underrepresented groups and has increased; a number programs and academic supports for underrepresented students in the STEM fields and an increase in research expenditures over the past five years puts Lamar University in better position to improve its graduation rate (still at 37%).

Project Evaluation:

The institution reports, despite the impressive growth in enrollment and faculty FTEs at Lamar University over the last decade (64.1% and 38.3%, respectively), there has not been a single new academic building constructed on campus since the mid-1970s. The primary occupant of the new Science Building would be the Department of Biology, which is home to 323 majors and faculty who taught 11,071 in student credit hours in 2009, complemented by faculty and programs from some of the other science disciplines. It also should be noted that while external funding in the STEM disciplines has increased dramatically over the past decade, the results would be even more impressive with additional areas for students, new equipment, and faculty. The current Hayes Biology Building lacks adequate instructional and research laboratories and is completely inappropriate to support LU's new biochemistry program as well as the newer and arguably more important areas of molecular biology, microbiology, and computational biology, much less to support contemporary changes in teaching and research in standard areas such as field and organismal biology.

This project meets the Board's Standard building efficiency, space need, new construction cost, Space Usage Efficiency (SUE), deferred maintenance, and critical deferred maintenance.

Institution Name:	Sam Houston State University		
Project Name:	Construct Biology and Nursing/Allied Health Building		
Total Project Cost:	$39,650,000	Project Type:	New Construction
TRB Request:	$39,650,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 3
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Sam Houston State University (SHSU) proposes to construct 100,000 gross square foot facility and equipment to support the newly approved Nursing College program, which will be built in Huntsville. This new facility will consist of a Nursing Instruction Skills Lab, Simulation Center with related support labs and faculty areas with an Administration suite that will encompass the Nursing and Allied Health component. Biological Sciences will be provided with modern labs with compliant ventilation systems, Biology research and teaching labs, general instruction space, collections storage and administrative suite. The new building will replace the existing Academic Building III, built in 1956, which is slated for demolition in 2012.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, and Research. Adding approximately 150 new students to the Nursing program and the total enrollment at Sam Houston State affect participation. The new Biomedical Sciences degree will bring an additional 200 plus students to the University. In all, the new building provides a major impact on the Participation goals of the University including over 350 new students and a significant number of minority opportunities. The Nursing program will significantly impact the overall University graduation rate. Most competitive Nursing programs in the State of Texas witness a retention rate of 85 to 90%.The addition of the new building will significantly enhance the productivity of the faculty and allow faculty members to pursue more substantial research grants. Faculty members with research programs in the molecular and cellular area will be provided with adequate space to expand their research endeavors.

Project Evaluation:

The institution reports, this building will house the newly approved Nursing College program, addressing the persistent shortage of adequately prepared professional nurses in the state. In all, the new building provides a major impact on the Participation goals of the University including a significant number of minority opportunities. The addition of the new building will significantly enhance the productivity of the faculty and allow faculty members to pursue more substantial research grants. Faculty in the Department of Biological Sciences will also increase productivity and funding with the addition of research space in the new facility.

This project will address $760,000 of deferred maintenance. This project meets the Board's Standard building efficiency, space need, new construction cost, deferred maintenance, and critical deferred maintenance. However this project does not meet the Board standard for classroom Space Usage Efficiency (SUE).

Institution Name:	Texas Woman's University		
Project Name:	Construct New Graduate Research Building		
Total Project Cost:	$42,000,000	Project Type:	New Construction
TRB Request:	$42,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 4
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Texas Woman's University proposes to demolish the old and construct a new Graduate Research Building. The facility would contain 27 research laboratories with 54 research service rooms, and 27 animal quarters with 18 animal service rooms. The new facility would be similar in size and scope, but would have modern research laboratories and animal quarters, which could potentially attract new talent and research dollars.

Closing the Gaps Goal:

This project affects the goals of participation and success. The institution reports that the current facility is no longer adequate to support the growth in enrollment at all levels and does not offer students up-to-date, safe, and code-compliant science and research lab facilities. Over 40% of TWU students are enrolled in critical health professions majors so quality labs are a necessity.

Project Evaluation:

The Graduate Research Building, originally constructed in 1967, had a 2,330 GSF addition to address the need for a mechanical room and a 5,700 GSF renovation for an animal care facility in 1987. Other lighting, cabinets, and finishes were accomplished in 1975 and 1997. As reflected in a facilities condition audit, renovating this 43-year-old facility exceeds all the reasonable cost indexes. This building would require significant upgrades to electrical, plumbing, and HVAC systems as well as to replace all obsolete laboratories, equipment, and components. The institution deems that the most cost effective approach and best value for the university and the State would be to demolish the current building and construct a new research facility co-located within the science corridor.

This project meets the Board's standards space usage efficiency, space need, cost, and building efficiency. The institution did not meet the standard for deferred maintenance in Fall 2008, however TWU reports that it has since addressed these listed projects for a total reduction of $1,072,125, reducing the ratio to 4.8%. (Generator for the Graduate Research Building $81,702; Roof Upgrade of Fine Arts Building $314,167; Repair and Replace Roof of Music Building $527,751; Power Monitoring System $96,342; Generator for Multi-Purpose Classroom $52,163).

Institution Name:	Texas Tech University Health Sciences Center		
Project Name:	Construct New Lubbock Education, Research and Technology Building		
Total Project Cost:	$45,000,000	Project Type:	New Construction
TRB Request:	$40,500,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 5
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

The proposed 100,000 GSF Medical/Healthcare Laboratory building would provide additional research, technology and education space and be centrally located in Lubbock. The project includes the associated required campus infrastructure upgrades.

Closing the Gaps Goal:

This facility assists the institution in meeting the Participation goal by accommodating anticipated enrollment growth. In addition, it aids the institutions in meeting the Research goal with the proposed high-tech facilities, which would allow for increased collaboration and increased acquisition of federal and state research.

Project Evaluation:

The institutions reports the planned state-of-the-art research laboratories, translational research facilities, classrooms, conferencing areas, offices, teaching and support space, new technology and equipment, and related infrastructure upgrades would support institutional initiatives, program growth, and academic changes. However, the facility is vital primarily due to the growth of academic, research, and clinical programs and secondarily because modernized facilities assist in the recruitment and retention of quality faculty. This facility would provide excellent educational experiences for our future scientists and health care professionals. The facility would enable collaboration, partnerships, and external opportunities such as businesses, colleges, and universities. The facility would enable opportunities to engage all of the TTUHSC schools in inter-campus and interdisciplinary research, education and patient care endeavors. The stakeholders in this facility include the School of Medicine, Graduate School of Biomedical Sciences, Anita Thigpen Perry School of Nursing, School of Allied Health Sciences, School of Pharmacy, Centers, and Institutes.

This project meets the Board's standards for cost efficiency, space need, space efficiency, and deferred maintenance.

Institution Name:	Texas A&M International University		
Project Name:	Construct New Classroom and Support Services Building		
Total Project Cost:	$50,000,000	Project Type:	New Construction
TRB Request:	$50,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Texas A&M International University (TAMIU) proposes to construct a 127,500 gross square foot classroom building and student services building as well as renovating an additional 4,500 GSF of space by moving faculty offices and support services from the library, thus adding much needed library space. The proposed building would contain a number of large 100-seat lecture halls.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, and Excellence. This project would impact the participation and success goals by providing classrooms for TAMIU's growing student body and improving faculty and student interaction by the proximity of faculty offices to classrooms.

Project Evaluation:

The institution reports, that the proposed classroom-building project would provide extra classroom space to accommodate TAMIU's substantial growth. It would also promote better student and faculty interaction by interspersing faculty offices currently housed in the library. This project would expand library space by repurposing all vacated spaces for library use and by converting four outdoor balconies into indoor study rooms. In the past five years, TAMIU has grown by more than 50% with only minimal additions to classroom and library space. This growth is helping meet the needs of Hispanics from the border region by providing accessibility to higher education. The addition of instructional space will allow for the expansion of course offerings, which will help to decrease students' time-to-degree and help increase graduation rates.

This project meets the Board's Standard building efficiency, space need, new construction cost, Space Usage Efficiency (SUE), deferred maintenance, and critical deferred maintenance.

Institution Name:	Texas Tech University Health Sciences Center		
Project Name:	Construct El Paso Medical Science Building II		
Total Project Cost:	$65,000,000	Project Type:	New Construction
TRB Request:	$58,500,000	THECB Rank:	
TRB Authorized:		Institution Rank:	2 of 5
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

The proposed 150,000 GSF Medical/Healthcare Laboratory building would provide new research space for the new four-year medical school in El Paso. The spaces include complex research laboratories, lecture halls, classrooms, offices, teaching space, Vivarium facilities and associated infrastructure and support spaces.

Closing the Gaps Goal:

This facility's proposed high-tech spaces assist the institution in meeting the Research goal, allowing for increased collaboration and acquisition of federal and state research.

Project Evaluation:

The institution reports the planned building would facilitate the its ability to meet the growing needs of its academic programs and research, addressing chronic border health issues such as diabetes, obesity, depression, and infectious disease. Currently the growth in demand for research has outstripped the research space available, and the acquisition of additional grants would require additional space.

This project meets the Board's standards for cost efficiency, space need, space efficiency, and deferred maintenance.

Institution Name:	Lamar State College - Port Arthur		
Project Name:	Allied Health Building Addition		
Total Project Cost:	$2,238,200	Project Type:	New Construction
TRB Request:	$2,000,000	THECB Rank:	34 of 74
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Lamar State College - Port Arthur (LSC PA) proposes to construct a new 5,700 gross square foot addition to the current Allied Health Building located at 1701 Procter on campus. This addition will include additional classrooms and laboratory space.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation and Success. The College states it could enroll more students in the campus LVN and RN programs if it had more space to simulate clinical experiences and more classroom space for lecture courses. A larger Allied Health Building will permit the enrollment of more nursing students, thereby increasing the number of graduates.

Project Evaluation:

The institution reports that the construction of the addition to the Allied Health Building will support the increase in local demand for nursing classes. The college reports it is operating at full capacity and the new space would permit the enrollment of additional students to address the need for LVNs and RNs in Southeast Texas. Lamar-Port Arthur has repeatedly turned away potential students due to inadequate classroom and laboratory space. For FY2010, 148 Vocation Nursing applicants and 134 Associate of Applied Science Upward Mobility Nursing applicants who met the enrollment criteria were denied acceptance due to inadequate classroom space.

This project meets the Board's Standard for building efficiency, space need, new construction cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	Texas Tech University Health Sciences Center		
Project Name:	Construct El Paso Clinical Sciences Building		
Total Project Cost:	$30,000,000	Project Type:	New Construction
TRB Request:	$27,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	3 of 5
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

The proposed 87,000 GSF Clinic building would provide support to the new four-year Medical School by housing clinical faculty and support staff offices, clinical space, administrative staff, and conference rooms.

Closing the Gaps Goal:

This facility would assist the institution in attaining the Success and Excellence goals by providing needed educational opportunities and enhancing interaction with the community.

Project Evaluation:

The institution reports the planned building would enhance the institution's ability to meet the growing needs of the academic programs and research that help address chronic border health issues. This space will support the growing academic faculty and answer clinic demand. Patients served increased from 95,000 in 2009 to 111,000 in 2010; a rate expected to increase as the federal government has designated El Paso County as a medically underserved region.

This project meets the Board's standards for cost efficiency, space need, space efficiency, and deferred maintenance.

Institution Name:	University of Houston - Victoria		
Project Name:	Construct New Academic and Office Facility		
Total Project Cost:	$61,500,000	Project Type:	New Construction
TRB Request:	$61,500,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

University of Houston - Victoria (UH V) proposes to construct first UH Victoria building since becoming a four-year institution in fall 2010. The facility will be 160,000 gross square feet, consist of three stories, and be located on the current Victoria campus. The facility will house academic and administrative spaces, classrooms, labs, and additional student services spaces. Academic space includes faculty offices and online support technician space. The new labs will allow for the expansion into the natural sciences by increasing the number of biology labs and adding chemistry and physics labs. In addition, UHV will also increase the number of nursing and add allied health and occupational therapy labs. The additional student services space will be used for academic tutoring, retention, student advising, career services, study/meeting rooms, counseling services, and expanded financial aid and admission offices.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence, and Research. UHV's recruitment efforts, affordable cost, and geographic location have all helped UHV become one of the fastest growing universities in the state. UHV's targeted overall fall enrollment for fall 2010, based on Closing the Gaps predictions, was 3,232 overall, including 517 African American students, 679 Hispanic students, and 1,584 White students. UHV's goals for bachelor's degrees awarded, based on Closing the Gaps projections for 2010, was 505 overall, 62 for African American students, and 112 for Hispanic students.

Project Evaluation:

The institution reports, downward expansion has created a need for additional classroom and lab space; projected increases in student enrollment at the Victoria campus indicate that existing classroom space will be insufficient to meet student needs by 2013. The Victoria site is the hub for all campus administration, including admissions, financial aid, finance and business services, student services, and school administration. These centralized offices provide support for activities in Victoria, Sugar Land, Cinco Ranch, and online. Due to double-digit growth rates over the past 5 years, additional office space has been needed which necessitated converting classrooms to office space.

This project meets the Board's Standard for building efficiency, new construction cost, deferred maintenance, and critical deferred maintenance. However, this project does not meet the Board's Standard for space need and Space Usage Efficiency (SUE).

Institution Name:	Texas State Technical College - Harlingen		
Project Name:	Renovate The Energy Engineering Center Phase II		
Total Project Cost:	$5,000,000	Project Type:	Repair and Renovation
TRB Request:	$5,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Texas State Technical College - Harlingen proposes a second phase, 31,812 gross square foot renovation of the institutions Energy and Engineering Center. This facility renovation provides considerable cost savings vs. new construction. The development of the Energy Center's three-phase plan has begun with Phase 1, which is currently underway using $2,000,000 of institutional funds. Phase I includes the design and construction of the entire facility's infrastructure. This proposed Phase II project will provide space for three to four additional instructional programs.

Closing the Gaps Goal:

In support of the Closing the Gaps goal to add 630,000 students by 2015, TSTC Harlingen more than doubled enrollment during the past decade; increasing from 3,283 students in 2000 to 6,755 in Fall 2010. This enrollment increase was achieved through aggressive marketing, a policy of open admissions, expansion of dual-credit programs, updating the degree program inventory, and the reinforcement of a myriad of support programs required to ensure the success of disadvantaged students.

Project Evaluation:

Texas State Technical College Harlingen has recently added Wind Energy Technology, and is preparing to add Solar Energy Technology and Corrosion Control Technology programs to its degree track offerings. While the College does currently have a surplus of out-dated small spaces scattered throughout the campus, it does not have a large volume space suitable to support these high-employment demand programs. The redevelopment of an existing industrial building provides a cost-effective way of providing the required specialized teaching laboratories in a scale suitable for the use of equipment relevant to industry. At the same time, remaining space in the structure in excess of that required for these new programs can be economically converted to house selected Engineering Technology and Building Construction Technology programs. This process will in turn facilitate the removal of antiquated spaces from the campus inventory, with remaining vacated space renovated for other high-growth programs (notably, Allied Health) without the need for new construction.

This project meets the Board's Standard for building efficiency, renovation cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	Midwestern State University		
Project Name:	Library - College of Education - Student Academic Services		
Total Project Cost:	$58,985,500	Project Type:	New Construction
TRB Request:	$58,985,500	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Construct a new library facility and renovate current Moffett Library into space for the College of Education and Academic Services. Two old buildings will be demolished to accommodate this project: Ferguson Hall and Fain Hall.

Closing the Gaps Goal:

This project would impact the Excellence goal by providing improved student access to research materials.

Project Evaluation:

Midwestern State University (MSU) reports that its existing library facility is woefully outdated and needs to be replaced as part of the resources students need to succeed in college. Architects and engineers doubt the building could be successfully converted to a modern library structure that should house individual and group study areas, wireless computer access to databases, and many other amenities found in modern campus libraries. The institution believes that a modest sized, but well planned building with approximately 60,000 square feet of usable space would accommodate its long-term library needs. The current Moffett Library building could be readily modified to house much needed modern space for the institution's College of Education and a multitude of academic services offices that are now crowded into the south end of Hardin Administration Building.This project would address $1.3 million of reported deferred maintenance about 2 percent of the total project cost. The project would address many issues that the institution has with the older building; the age and usefulness the facility warrants renovation. The project would enhance student success and retention by providing a better learning environment for the library and additional space for student support services.

This project meets the Board's standards for cost, space need, efficiency.

Institution Name:	The University of Texas at Tyler		
Project Name:	Construct New Technology and Life Sciences Building		
Total Project Cost:	$46,000,000	Project Type:	New Construction
TRB Request:	$46,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

The University of Texas at Tyler (UTT) proposes to construct an 110,000 gross square foot Technology and Life Sciences building. This new building will house our rapidly expanding technology and life sciences programs. This essential structure will provide classrooms, faculty and graduate student offices, teaching laboratories, and research laboratories in addition to providing room for new programs and expansion of existing ones.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence and Research. Participation in the institutions Science and health programs have increased over the last five years and is anticipated to continue growing. The current lab space is insufficient to accommodate the current and anticipated science faculty and students. The new facility would add space; provide more opportunities for students to take classes and labs, with the goal of increasing the graduation output. The new facility would provide enhanced laboratory space for students to receive a better education. The new facility would increase the number of faculty research labs and aid in the institution's efforts to recruit faculty with potential to become nationally recognized.

Project Evaluation:

The institution reports, this building will allow the University to update and increase a number of the 34-year-old biology labs currently in use at UT Tyler. It will also provide space for new science programs such as environmental science, geology and botany as well as provide room to expand rapidly growing existing programs, including those in technology and biology. The addition of these new and expanded programs will help UT Tyler recruit and retain STEM students, which will result in increasing the number of STEM graduates, currently a high priority for the State of Texas.

This project meets the Board's Standard building efficiency, space need, new construction cost, deferred maintenance, and critical deferred maintenance. However, this project does not meet the Board Standard for classroom Space Usage Efficiency (SUE).

Institution Name:	The University of Texas Health Science Center at Houston		
Project Name:	Renovation and Modernization of Educational and Research Facilities		
Total Project Cost:	$85,000,000	Project Type:	Repair and Renovation
TRB Request:	$54,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

The University of Texas Health Science Center at Houston (UTHSCH) proposed renovation and modernization of Research Facilities project will encompass work in three major buildings. Those facilities are the Medical School Building, University Center Tower, and the Reuel A. Stallones Building. Renovations include the replacement of Heating, Ventilation and Air Conditioning equipment in each of the three 1970's era buildings. Other key infrastructure areas to be addressed include ADA upgrades, roofing upgrades and elevator upgrades. Funding will be used to renovate and modernize approximately 425,000 square feet of classroom, laboratory, and administrative space in these facilities. These improvements will be staged over the next six years, as the buildings will remain occupied during the renovations.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence and Research. This project will address Closing the Gaps goals by providing a clean, safe, physical environment for students.

Project Evaluation:

The institution reports, in 2009 UTHSCH completed a comprehensive facilities audit. Three buildings, the Medical School Building, University Center Tower, and the Reuel A. Stallones Building were found to be in dire need of renovation. The Medical School Building requires critically needed improvements including replacing aging climate control equipment and systems and the Heating, Ventilating, Air Conditioning (HVAC) equipment, which is nearing the end of its useful service life. Renovation of the HVAC systems could yield annual energy savings of $700,000. The University Center Tower (UCT), which houses the School of Biomedical Informatics and key administrative offices, requires the renovation and modernization of approximately 90,000 gross square feet of the existing utility infrastructure and common areas. Air handlers and their associated equipment are also in need of repair and renovation. The Reuel A. Stallones Building, home of the UT School of Public Health Houston campus, would benefit greatly from the renovation and modernization of approximately 130,000 gross square feet.

This project addresses $18,477,400 of the institutions deferred maintenance. This project meets the Board's Standard building efficiency, renovation construction cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	Texas A&M University at Galveston		
Project Name:	Construct New Central Plant and replace Campus Infrastructure		
Total Project Cost:	$45,000,000	Project Type:	New Construction
TRB Request:	$45,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Texas A&M University - Galveston (TAMU-G) proposes to construct a new 22,000 square feet Central Plant and related utility equipment to accommodate future campus expansion. This project will also replace and repair the original campus infrastructure that has been in operation since the establishment of the TAMUG Mitchell Campus in the early 1970's and to rehabilitate and address critical infrastructure needs of the campus. Currently, the Central Plant and infrastructure systems are over thirty years old. The replacement and repair of the campus chilled water and hot water loops, electrical loop and waste water treatment plant are the primary focus of this project.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation and Success. TAMUG says that completion of this project will result in newfound academic and program development and enrollment opportunities. Without new facilities for housing, teaching, research and recreation, the success of the marine sciences, technology and engineering programs will be limited to the existing capabilities.

Project Evaluation:

The institution reports that the Central Plant and infrastructure systems currently provide services for fifteen facilities on campus, a 605 ft training ship, a small boat basin and three off-campus residence halls resulting in the "maximization of service capabilities" for a system that is over thirty years old. The Central Plant and utilities infrastructure were installed in 1976 to service just three buildings. The inadequate size of the Central Plant and the deteriorating campus infrastructure threaten the current classroom and teaching laboratory functionality of the campus. The institution says that, to meet TAMUG's Closing the Gaps projection of 3000 students by 2015, new classroom, lab, dining and residence facilities must be built thus making the construction of a new Central Plant and supporting systems a requirement, not an option. They further note that inadequate instructional and support facilities pose a significant threat to TAMUG's ability to fulfill its commitment to the Closing the Gaps initiative and to expanding graduate education.

This project meets the Board's Standard for building efficiency, new construction cost, deferred maintenance, and critical deferred maintenance. This project will address $1,100,000 of deferred maintenance.

Institution Name:	The University of Texas Health Science Center at San Antonio		
Project Name:	Construct New Academic Learning and Teaching Center		
Total Project Cost:	$55,000,000	Project Type:	New Construction
TRB Request:	$55,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 2
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Construct a new 125,000 gross square foot Academic Learning and Teaching Center, which would include classrooms, a gross anatomy lab, and faculty offices.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, and Success. This project would provide the classroom space necessary for UTHSC-San Antonio to increase medical student enrollment by 50-100 students in each class. These students would complete their third and fourth years at the Regional Academic Health Center in Harlingen. The new gross anatomy lab in this building would also accommodate the larger student population.This project would allow UTHSC-San Antonio to increase the number of medical degrees awarded each year by 50-100.The institution says because of the location of UTHSC-San Antonio and the opportunity to matriculate the last two years near their homes, more valley residents would participate in a medical education and improve the quality of life in the area. The institution states that many of the individuals that take advantage of the increased medical class size will go on to perform research in all fields.

Project Evaluation:

The institution reports, a new Academic Learning and Teaching Center, which would include classrooms, a gross anatomy lab, and faculty offices. This project would create "much needed" classroom space that would be used for 1st and 2nd year medical students. These students would then move to the RAHC in Harlingen to complete their medical education. The institution says that this would allow more people from the Lower Rio Grande Valley to complete their medical education and would assist in providing more physicians in an underserved area. The new gross anatomy lab would replace a facility that was constructed in the early 1970's and is severely outdated. The additional space would enable the institution to increase participation and success by 50-100 students and degrees per year.

This project meets the Board's Standard building efficiency, space need, new construction cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	Sam Houston State University		
Project Name:	Construct Forensic Science Building		
Total Project Cost:	$19,575,000	Project Type:	New Construction
TRB Request:	$19,575,000	THECB Rank:	
TRB Authorized:		Institution Rank:	2 of 3
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Sam Houston State University (SHSU) proposes to construct a new 50,000 square foot Forensic Science Building built in Huntsville, which would support forensic science, criminal justice, the regional forensic science laboratory, the applied forensic research facilities, digital forensics, forensic psychology, and forensic accounting. This facility will provide general instruction space, faculty offices, and an administration suite and modern forensic analysis laboratories.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Excellence. The Center for Excellence for Digital Forensics is quickly becoming the regional repository for information regarding computer crime and a leader in training security personal in the area.

Project Evaluation:

The institution reports, the Digital Forensics program is rapidly growing faster than predicted and is running out of future expansion space. The new proposed facility would enable the University to provide training to students to combat crime and terrorists in the nation and around the world. The Forensic Science Building will be a unique center of excellence in forensic science education, research, development, and training that will contribute greatly to meeting public safety and homeland security needs of Texas. In addition to developing new forensics-related technologies, the building will also use innovative technology to deliver cost effective forensics science training and products to investigators in law enforcement agencies and communities throughout Texas. The building will host regular training for the White Collar Crime Institute and the Houston area Federal Bureau of Investigation.

This project meets the Board's Standard building efficiency, space need, new construction cost, deferred maintenance, and critical deferred maintenance. However, this project does not meet the Board standard for classroom Space Usage Efficiency (SUE).

Institution Name:	Texas Woman's University		
Project Name:	Construct New Academic and Administrative Support Services Building		
Total Project Cost:	$9,500,000	Project Type:	New Construction
TRB Request:	$9,500,000	THECB Rank:	
TRB Authorized:		Institution Rank:	4 of 4
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Texas Woman's University seeks to demolish the existing Patio Building and construct a new facility to consolidate academic and administrative support functions that are currently scattered throughout various locations on the campus.

Closing the Gaps Goal:

This project affects the goals of participation and success as it would replace decentralized student support services across campus with consolidated academic and administrative support systems in one location. This "one-stop" concept has been proven to increase use of services. This will help serve the growing student population as well as improve student support services and enhance customer service. The intent of this project is to physically realign key departments that play significant roles in student achievement, including the division of undergraduate studies academic support units and key support units within the division of student life.

Project Evaluation:

The institution reports that integrating the departments of Disability Services, Financial Aid, International Affairs, Academic Advising, and Counseling Services into one facility is ideal. This would facilitate efficiency and free up other space for classroom conversions that are needed to accommodate the growth in enrollment.

This project meets the Board's standards for space usage efficiency, space need, cost, and building efficiency.

Institution Name:	Texas Tech University Health Sciences Center		
Project Name:	Construct New Permian Basin Academic Facility		
Total Project Cost:	$18,900,000	Project Type:	New Construction
TRB Request:	$17,010,000	THECB Rank:	
TRB Authorized:		Institution Rank:	4 of 5
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

The proposed 87,000 GSF Medical Healthcare Classroom building in Odessa would provide lecture halls, classrooms, laboratories, offices, conference rooms, and support space for the expanded School of Medicine.

Closing the Gaps Goal:

This facility would not assist the institution in attaining the Closing the Gaps goals.

Project Evaluation:

The institution reports the building would enhance the institution's ability to provide medical education needed to support continued growth, program expansion, and changes necessary to educate today's health care professionals. The additional space is needed to continue to meet upcoming program changes and will assist in recruiting, retaining, and providing a high-quality educational experience. The building would promote collaborations, partnerships, and opportunities with other external entities and stakeholders.

This project meets the Board’s standards for cost efficiency, space need, space efficiency, and deferred maintenance.

Institution Name:	Prairie View A&M University		
Project Name:	Construct New Multi-Purpose Classroom and Lab Building		
Total Project Cost:	$37,759,310	Project Type:	New Construction
TRB Request:	$17,559,310	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

Construct, equip and furnish a new multi-purpose classroom and lab building, including related infrastructure, that would house the College of Business, the College of Agriculture, and large classes on the main campus.

Closing the Gaps Goal:

This project would inpact the participation, excellence, and research goals by providing facilities that enhance the institution both qualitatively and quantitatively, while increasing the potential for additional research capacity.

Project Evaluation:

Prairie View A&M reports this project will house the Colleges of Agriculture and Business as well as be the campus centric location for large instructional classrooms. The building is essential to carry out the Agriculture programs at the University. The meat processing lab and creamery are housed in a building constructed 60 years ago and are not operational. These labs are very unique and have discipline specific requirements. The College of Business currently is housed in multiple buildings which present problems in terms of research and teaching synergy. By placing the College of Agriculture and College of Business in the same space, certain expensive faculty resources can be shared between the two programs thus exploiting economies of scale. Large classrooms are limited on PVAMU's main campus and this project would provide these necessary resources. To maximize our growth, while maintaining a stable number of faculty, PVAMU needs at least four (4) more classrooms with capacities of 150 each.

This project would address no reported deferred maintenance. Buildings to be included in the demolition as a result of this project are listed on the 2009 certified inventory as 512 E B Evans Animal Industries, 686 Burleson Ware Army ROTC, and 676 David L Brewer Navy ROTC.This project meets the Board's standards for cost, space need, and efficiency.

Institution Name:	Sam Houston State University		
Project Name:	Construct Agriculture Complex and Academic Building		
Total Project Cost:	$24,881,000	Project Type:	New Construction
TRB Request:	$24,881,000	THECB Rank:	
TRB Authorized:		Institution Rank:	3 of 3
Authorization Condition:			
Recommendation:	Recommended		

Institution Project Description:

Sam Houston State University (SHSU) proposes to construct a new 80,000 gross square foot The Agriculture Academic Building & Complex to be built in Huntsville. The complex will consist of a proposed new 50,000 square feet Academic facility (Phase II) and it will provide enhanced classrooms, laboratory and faculty offices, as well as an Administrative suite to improve the instruction of agriculture students. The new academic building will provide modern teaching facilities, including computer laboratories, an electronics lab, a design lab, and a study and tutoring center. The Agricultural Complex (Phase 1) a 30,000 GSF facility and will include a meats lab, poultry barn, swine barn, covered equestrian and rodeo practice arena, horse stables and soils laboratory.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Success and Research. This new facility will enable the department to increase retention and graduation rates. Research goal is impacted as the number of foundational research projects will increase, providing more opportunities for larger, externally funded projects. Publication rates will naturally increase from the increased research activity.

Project Evaluation:

The institution reports, the relocation and construction of the new facilities at the SHSU Gibbs Ranch for the Department of Agricultural and Industrial Science will replace the current antiquated lab facilities, which are on a portion of the campus that will be utilized for student recreational use. These facilities are at the end of their economic life and are no longer adequate to meet the needs of our students. The complex at Gibbs Ranch would increase the practicum approaches for agriculture. There is a vital need to enable the University to implement the more modern approaches to these academic programs so critical to the East Texas Region.

This project addresses $105,000 of the institutions deferred maintenance. This project meets the Board's Standard building efficiency, space need, new construction cost, deferred maintenance, and critical deferred maintenance. However, this project does not meet the Board standard for classroom Space Usage Efficiency (SUE).

Institution Name:	University of Houston		
Project Name:	Renovate Central Plant and Utility Infrastructure		
Total Project Cost:	$65,000,000	Project Type:	Repair and Renovation
TRB Request:	$65,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	3 of 3
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

The University of Houston (UH) proposes a 10,244 gross square foot expansion of the central utility plant and upgrades to the campus electrical utility, and network infrastructure. This proposed project will upgrade and replace the aged equipment and systems in the UH central utility plant; including all chillers, boilers and cooling towers as well as our current campus electrical, and network service infrastructure, with highly energy inefficient equipment.

Closing the Gaps Goal:

This infrastructure project does not impact any of the closing the gaps goals.

Project Evaluation:

The University of Houston (UH) reports that this project is critical for meeting current and future campus needs. Central Plant's existing equipment is past its manufacturer recommended life and is largely inefficient which makes it increasingly expensive to maintain and operate. The federal government and EPA have mandated that we replace existing equipment with new lower polluting equipment as part of the directive that calls for Houston to meet clean air requirements. This project will reduce energy usage, and will have significant savings and will reduce the university's carbon footprint dramatically. Additionally, this project will increase the Central Plant's capacity to serve future campus expansion.

This project does meet the Board's standard for deferred maintenance, and critical deferred maintenance. This project does not meet the Board's standard for cost; however, infrastructure costs can vary with respect to scope and size of the project.

Institution Name:	Texas Tech University Health Sciences Center		
Project Name:	Construct New Amarillo Panhandle Clinical Hospital Simulation Center		
Total Project Cost:	$16,500,000	Project Type:	New Construction
TRB Request:	$14,850,000	THECB Rank:	
TRB Authorized:		Institution Rank:	5 of 5
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

The proposed 30,000 GSF Medical Healthcare Clinic building in Amarillo would provide a simulation center equipped with computerized mannequins.

Closing the Gaps Goal:

This facility would assist the institution in attaining the Participation goal by allowing students from K-12 to have a setting where they can explore interests in healthcare without risk to patients or themselves and thereby spark a desire to seek higher education in a healthcare program. It would assist in attaining the Excellence goal by increasing student enrollment, availability of clinical experiences, and patient acuity.

Project Evaluation:

The institution reports the building would improve patient safety, save patient lives, provide better methods for medical, nursing and healthcare education and training, and increase the supply of nurses and other ancillary healthcare personnel, which is a widely recognized need. Simulation centers provide a risk-free environment where learners are provided opportunities to integrate theory, think critically, and develop the competencies required to promote safe, quality patient care. The simulation center would be made available as a clinical setting for continuing education.

This project does not meet the Board's standard for cost efficiency, but does meet the Board's standards for space need, space efficiency, and deferred maintenance.

Institution Name:	Texas A&M University - Commerce		
Project Name:	Construct New Distance Education Technology Center and Library Renova		
Total Project Cost:	$51,000,000	Project Type:	New Construction
TRB Request:	$45,900,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

Texas A&M University - Commerce (TAMUC) proposes to construct a new 80,000 gross square Distance Education Technology Center, which would become the portal for entering the newly renovated library. The Center will provide new, collaborative space that will enhance learning and instruction, enable research, and support public service. This facility will consolidate the technology and distance education services on campus into a single location that is accessible to all members of the university community. The 140,250 GSF Library renovations would feature incorporating improved elevator access to upper floors and provide ADA compliant restrooms. The renovation also would address needs for more space for collections, more meeting and study room facilities for the campus, expanded student computer labs, reconfigured teaching and student areas, improved reading teacher preparation and educational display areas.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence and Research. Will increase student participation with more distance education classes and online access to classes. Will provide support to those programs that are designated for national prominence.

Project Evaluation:

The institution reports, enhanced library resources, especially improved delivery systems will directly impact access to higher education for students at the main campus and satellite campuses, community colleges and school districts in the service area. The enhanced resources will also directly impact success as students, both on-campus and at satellite sites, will have improved library and academic support services resulting in improved retention and graduation rates at both the undergraduate and graduate levels. The proposed project will position the University as a major regional research library for the three programs designated for national prominence: education, literacy, communications, and business. Texas A&M University-Commerce ranked third in the state by the Coordinating Board's Distance Education Advisory Committee in semester credit hours provided via distance education among the general academic institutions-Fall 2009.

This project addresses $640,000 of the institutions deferred maintenance. This project meets the Board’s Standard building efficiency, new and renovation construction cost, deferred maintenance, and critical deferred maintenance. However, this project does not meet the Board standard for classroom Space Usage Efficiency (SUE) and space need.

Institution Name:	The University of Texas Health Science Center at San Antonio		
Project Name:	Construct Diabetes Institute for South Texas		
Total Project Cost:	$6,000,000	Project Type:	New Construction
TRB Request:	$6,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	2 of 2
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

The University of Texas Health Science Center at San Antonio (UTSA) proposes to construct a new 15,000 gross square foot classroom facility which will provide diabetes and nutritional education in South Texas. The Laredo campus is the HSC-San Antonio's home to educational and administrative, laboratory, and conference functions in the area.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation Excellence and Research. This project would contribute to the Laredo campus extension and provide an opportunity for individuals in the Mid Rio Grande Valley to acquire an education in health care. Excellence: UTHSC-San Antonio reports that because of the prevalence of diabetes in the Mid Rio Grande Valley area, this Diabetes Institute has the opportunity to become an excellent example of how an institute of higher education can educate students while benefiting the residents of the area. The institution reports many of the individuals that take advantage of these opportunities will go on to perform research in all fields.

Project Evaluation:

The institution reports that the construction of the Diabetes Institute for South Texas on the Laredo campus will address other health issues in addition to diabetes, including asthma, obesity, and poor nutrition, which are all important to the Laredo area population. The project would enable the institution to increase participation of South Texas residents in health care education and it has the potential to enhance the institution’s excellence by establishing it as a world-class leader in this type of health education combined with community service.

This project meets the Board’s Standard for building efficiency, space need, new construction cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	Texas A&M University - Central Texas		
Project Name:	Construct Library and Multipurpose Building		
Total Project Cost:	$70,000,000	Project Type:	New Construction
TRB Request:	$60,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

Texas A&M University-Central Texas proposes to construct, equip, and furnish a Library and Multipurpose building on its permanent campus, including associated infrastructure. The proposed building will add new classroom, laboratory, special use, and office space essential to the full consolidation of university. This facility will house essential learning resources, the relocation of all library resources to a single site, the expansion of learning assistance capability through counseling, testing, and tutorial centers, as well as discipline-dedicated and open computer laboratories, with ample open study space for students. In addition, it will provide from four to six laboratories to support mathematics and physics, and the development of curriculum in the biological sciences.

Closing the Gaps Goal:

The proposed second building on the permanent campus has been conceived with student success and participation in mind, and will further simplify their pathway to graduation by consolidating educational programs, support services, and learning resources at a single site, as well as, research development.

Project Evaluation:

Texas A&M University-Central Texas is an upper-level, non-residential institution attractive to more mature, transferring students interested in baccalaureate and graduate level instruction. It is located within one of the most rapidly growing corridors in the state and nation, and is challenged to align its instructional programs to meet the defined needs of Fort Hood as well as major regional employers in health care and medical research, information technology, manufacturing and distribution, social and protective services, and public education. The university's operations are currently housed in four different locations, but will begin to consolidate its programs and services in Fall 2012 when the first building opens on its permanent campus. However, it will have no science or specialized learning laboratories, only minimal library, and learning resources, and it will not support a permanent location for IT services. While the first building will reduce the university's reliance upon leased space by approximately 33 percent; the need for a second building approximately 50-75% larger than the first, is essential for the unification and coordination of all university operations, and the development of a library and related learning resources capable of supporting both upper-division and graduate studies.

This project meets the Board’s Standards for building efficiency, cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	Texas A&M University - Corpus Christi		
Project Name:	Construct Life Sciences Building		
Total Project Cost:	$75,000,000	Project Type:	New Construction
TRB Request:	$75,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

Texas A&M University - Corpus Christi (TAMUCC) proposes to construct a new 150,000 gross square foot Life Sciences Building, which would provide much needed additional faculty research, teaching, and instrumentation labs, visiting research labs and a core molecular laboratory in addition to office space and classrooms. This new research facility will include modern faculty lab, teaching labs, instrumentation labs (biomedical and marine biology), core molecular lab, core microscopy suite, office space for faculty and research graduate assistants, conference space, and classrooms

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence and Research. Enrollment increases in Hispanic and African-American STEM programs. This project will help sustain growth in life sciences degrees awarded. Will increase institutions capacity to research marine issues in the Gulf of Mexico and allow the institution to compete for faculty in four areas that have significant funding potential.

Project Evaluation:

The institution reports, this facility is included in the master plan and is a high priority. Life sciences majors are one of the largest cohorts of undergraduate majors in the University, and many are Hispanic and or first generation and or low-income. Increasing the capacity would help contribute to Closing the Gaps in participation and success of students, especially Hispanic students, in a science field. Research space is currently insufficient and overcrowded. Without this additional research space, A&M-Corpus Christi would be forced to turn away new research funds and projects, missing opportunities to advance research initiatives and contribute to state goals for Closing the Gaps in research funding.

This project meets the Board's Standard building efficiency, space need, new construction cost, deferred maintenance, and critical deferred maintenance. However, this project does not meet the Board standard for overall Space Usage Efficiency (SUE).

Institution Name:	University of Houston - Clear Lake		
Project Name:	Construct New Science and Academic Support Building		
Total Project Cost:	$68,600,000	Project Type:	New Construction
TRB Request:	$68,600,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

The University of Houston Clear Lake (UN-CL) proposes to construct a new 160,000 gross square feet Science and Academic Support building which will contain two minimum 100-seat lecture halls, faculty and staff offices and space needed in the support of research and academic STEM programs. This facility will also include a number of larger 50-seat and classrooms, which the institution is lacking and will be in support of the institutions lower-level programs.

Closing the Gaps Goal:

The institution had made progress in Participation by exceeding its goal by 4%. In terms of the Excellence goal, the institution has several programs that have been recognized as excellent.

Project Evaluation:

The proposed project will only be constructed with the approval and implementation of downward expansion for UHCL, and the documented need for the facility to meet the classroom and laboratory needs of the expanded curriculum. This project is planned to allow for continued student population growth by the third year following downward expansion to allow course offerings to increase for the daytime hours and improve UHCL's overall Space Usage Efficiency (SUE score). Providing permanent faculty and staff offices is a significant deliverable of this project. UHCL surpassed the 25% full-time-equivalent student threshold for designation as a Hispanic-Serving Institution (HSI) in fall 2010, and will be making application for this significant designation. The proposed project will provide space, or allow space to be reallocated in other areas, for these services, which are critical to UHCL achieving its Participation goal. Currently all students enrolling in UHCL are transfer students from a community college or other university. With approval and implementation of downward expansion, UHCL will provide another pathway for students to obtain a higher education. Additional course offerings associated with downward expansion and expanded degree programs will present opportunities for national recognition of new programs established as a result of growth realized with the approval and construction of this proposed facility. Approval and construction of the building requested will provide the facilities and opportunity to achieve Excellence in programs currently not available to UHCL.

This project meets the Board's Standard for Building efficiency, cost deferred maintenance and critical deferred maintenance.This project does not meet the Board's standard for Space Usage Efficiency (SUE) or space need.

Institution Name:	Texas State Technical College - Marshall		
Project Name:	Construct New Transportation Technologies Center		
Total Project Cost:	$3,500,000	Project Type:	New Construction
TRB Request:	$2,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

TSTC Marshall proposes building a Transportation Technology Center to be utilized for both credit and Workforce Development continuing education courses. This facility will allow for the addition of Automotive, Auto Collision Repair, and Alternative Fuel Technologies.

Closing the Gaps Goal:

This project would impact the participation and success goals by responding to a market demand for these skills and providing adequate facilities with appropriate capacity and composition.

Project Evaluation:

The institution reports the construction and outfitting of the new Transportation Center will provide the ability to expand current transportation offerings into automotive and green technologies related to engines and fuel. This new building will enable TSTC Marshall to offer credit and Workforce Development training to meet the needs of Texas businesses and industries. The long-term economic impact of having a modern and futuristic state-of-the-art Transportation Center is not simply meeting the training needs for existing workforce jobs, but having a training and support facility which will draw businesses and industries to locate in the East Texas area. Currently, transportation-related training is not only one the most popular of incoming students, but is also producing graduates in high demand by Texas businesses and industries. Due to facility limitations, TSTC Marshall is forced to limit our academic transportation-related training focus to one main element of transportation – Diesel Equipment Technology. TSTC Marshall is a partner with Marshall Economic Development Corporation, Longview Economic Development Corporation, East Texas Council of Governments, the City of Marshall, the City of Longview and other area agencies working to attract future business and industry establishment and relocation to the East Texas area.

This project would not address any reported deferred maintenance.The project meets the board standards for cost and efficiency. This institution currently has a space surplus and this project would increase this surplus.

Institution Name:	West Texas A&M University		
Project Name:	Construct New Academic Building and Engineering Renovation		
Total Project Cost:	$20,000,000	Project Type:	New Construction
TRB Request:	$20,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

West Texas A&M University (WTAMU) proposes to construct, equip, and furnish a new 42,000 gross square foot academic building, including related infrastructure, to house the College of Nursing and Health Sciences. This project will also renovate an additional 20,000 GSF in an existing mothballed building to provide space for the expanded programs in Mechanical Engineering, Engineering Technology, Computer Science, Civil Engineering, Electrical Engineering and Environmental Engineering. Educating students in the field of nursing and in the fields of engineering are designed to ease identified critical shortages for the state of Texas. This project will position the University to expand the Nursing and Health Sciences graduates and graduate additional engineers.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence and Research. New and renovated facilities will allow for faster increases in nursing and engineering program enrollment (participation) and graduation, help meet accreditation requirements for new programs to be added, and space for additional research opportunities.

Project Evaluation:

The institution reports, it has had to cap enrollment in the nursing program due to space and faculty limitations. WTAMU graduates approximately 150 nurses annually but with additional space and faculty resources, it is estimated that WT could enroll 33% more students. The facility will assist in "Closing the Gaps" goals of providing access and preparing and educating more students to enter the nursing profession. WTAMU is requesting additional funding to renovate an existing building for programs in Mechanical Engineering, Engineering Technology, Computer Science, Civil Engineering, Electrical Engineering, and Environmental Engineering. It has received authority from the Texas Higher Education Coordinating Board to expand engineering programs to include Electrical Engineering and Environmental Engineering. Growth in the number of engineering majors is dependent on new space. Graduates in engineering meet a critical need in the State of Texas.

This project meets the Board's Standard building efficiency, renovation and new construction cost, deferred maintenance, and critical deferred maintenance. However, this project does not meet the board standard for space need and Space Usage Efficiency (SUE).

Institution Name:	The University of Texas of the Permian Basin		
Project Name:	Renovate Campus Buildings and Infrastructure		
Total Project Cost:	$18,000,000	Project Type:	Repair and Renovation
TRB Request:	$18,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	2 of 2
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

The University of Texas of the Permian Basin (UTPB) proposes to renovate space to be utilized for a number of purposes, including a proposed Bachelor of Science in Nursing (BSN) program. This project will also extend the life of the campus infrastructure; by replacement of aged roofs, electrical switchgear, and heating and ventilation Systems throughout the campus to achieve energy efficiencies and prepare for future infrastructure needs. These renovations and equipment replacements will all contribute to long-term efficiencies in operations.

Closing the Gaps Goal:

This project will impact the closing the gaps goals fo increasing the number of nursing and allied health degrees.

Project Evaluation:

The University of Texas of the Permian Basin (UTPB) reports that this project is a multi-part renovation and repair project for several locations on the campus. The primary project goals are renovations to provide efficient backfill of space for areas vacated once the Science and Technology Building is operational. This project will also extend the life of major campus systems and with the upgrades of Energy Management Systems is the expectation of greater efficiencies and preparation for campus growth. Renovation and Repair of Campus Infrastructure is essential to provide efficient operation of the campus and to maintain the substantial investment that the State of Texas has made over the 37-year life of the UTPB campus.

This project meets the Board's standard for building efficiency, cost, deferred maintenance, and critical deferred maintenance. This project addresses 100 percent of this institutions deferred maintenance.

Institution Name:	Round Rock Higher Education Center		
Project Name:	Construct Health Professions Building 1		
Total Project Cost:	$48,820,000	Project Type:	New Construction
TRB Request:	$48,820,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 2
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

Round Rock Higher Education Center (RRHEC) proposes to construct an 87,274 square foot health professions building at the Round Rock Higher Education Center. Texas State plans to relocate the entire College of Health Professions to Round Rock. This new building will provide much needed space for the College and will house three of the seven departments Communication Disorders, Physical Therapy, and Respiratory Care. Included in the building will be research lab space, conference rooms, student-group quiet areas, and a shared simulation lab for Communication Disorders, Physical Therapy, and Respiratory Care. The building will provide clinical and research space to accommodate growth in enrollment, to accomplish departmental missions and to maintain individual program accreditation.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, and Excellence. Amongst two new campuses (ACC and A&M Health Science) and two new hospitals (Scott & White and Seton), this facility could provide further opportunity to enroll substantial, additional numbers of students in the health care fields. By their own account, the College of Health Professions has experienced a 10.8% increase in graduates since 2000. Future growth could surpass that anemic rate but will depend on space availability for clinicals and upper level study.

Project Evaluation:

The institution reports, this new Health Professions Building at the Round Rock Higher Education Center stems from a space efficiency study completed on the Health Professions Building at the Texas State University-San Marcos campus. The relocation of the College of Health Professions will provide an opportunity to take advantage of other health related institutions and hospitals in the immediate area. The College of Health Professions prepares students for careers in the health care field. Through its professional, technical, clinical and academic programs, the college serves as an advocate for change and improvement in the field of health care services. The college also serves as a catalyst to expand and improve public perceptions of health care in the community. The need for health care professionals in Texas is projected to increase steadily in the coming years and educational institutions will likely experience growth in enrollment in response to the demand for health professionals.

This project meets the Board's Standard building efficiency, new construction cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	Angelo State University		
Project Name:	Construct New Nursing and Allied Health Building		
Total Project Cost:	$16,200,000	Project Type:	New Construction
TRB Request:	$14,580,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

Angelo State University (ASU) proposes to construct a new 30,000 gross square foot facility to house the College of Nursing and Allied Health, as well as new Departments projected to be added to the College in the near future. The building would offer centralized laboratories, medical evaluation facilities, therapy space and classrooms to accommodate the needs of this growing college.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, and Success. The College of Nursing and Allied Health will be able to admit more students, including first generation students, into current high-demand health programs and will allow for the development of additional allied health programs to meet the critical demand for culturally competent healthcare professionals in Texas. This project will increase the success of the College of Nursing and Allied Health in the education of students in providing clinical spaces for training of nurses, laboratory courses, expansion of the Physical Therapy program, and for continuing a long-standing tradition of outreach to the community through the allied health programs.

Project Evaluation:

The institution reports, this project is needed due to program growth. The project will have the ability to offer laboratories that can be shared by several departments and allow efficiency in space use. This will provide excellent utilization in the facility and will allow the students to have facilities that are needed to provide them with a top quality education in high-demand health fields.

This project meets the Board's Standard building efficiency, space need, deferred maintenance, and critical deferred maintenance. However this project does not meet the Board standard for new construction cost.

Institution Name:	Texas A&M University - Kingsville		
Project Name:	Construct and Renovate Music Building with Acoustical Modifications to Jo		
Total Project Cost:	$40,000,000	Project Type:	New Construction
TRB Request:	$40,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

Texas A&M University - Kingsville (TAMU-K) proposes to renovate 27,929 gross square feet and expand 66,767 GSF of the Bellamah Music Building at A & M Kingsville. The new building will contain 93,767 GSF and 55,895 ASF. In addition, acoustical modifications of adjacent Jones Auditorium (47,000 GSF) are requested. Practice rooms for students would increase from 18 to 53, faculty offices would increase from 12 to 36, and rehearsal space would increase from two rehearsal rooms to five specialized spaces. The recital performance hall would be expanded from the current 200 seating capacity to one of 400. The reconfiguration would include adding over 5,000 square feet of instrument storage space versus the current 656 square feet.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, Excellence and Research. This project has the potential to contribute to CTG participation and success goals by improving the enrollment, persistence, and graduation rates of music students. The excellence goal will be furthered because an improved building and will help attract and keep strong students and faculty.

Project Evaluation:

The institution reports, this project has been on the master plan for many years, growing in urgency since the most recent accreditation report for the National Association of Schools of Music, which stated that the institution's accreditation would be in jeopardy without significant improvements in the facilities. The report noted, "It is difficult to overstate the inadequacy of the music building and the very immediate need for renovation and expansion of the facility. Compounding the problems that have long existed has been steady growth over time in the music student population. Texas A&M University-Kingsville continues to provide most of the music teachers for the elementary and secondary schools in South Texas, with over 250 TAMUK graduates serving as music educators in the Rio Grande Valley alone. The program is well known for the quality of its graduates with 100% job or graduate school placement for the past 18 years. The music program is comprised of 91% Hispanic students, 75% from the Rio Grande Valley with 69% being Pell grant eligible. In addition, the building hosts 5,100 K-12 public school children annually from across South Texas for various competitions, concerts, and clinics.

This project meets the Board's Standard building efficiency, space need, new construction cost, deferred maintenance, and critical deferred maintenance. However, this project does not meet the Board standard for renovation construction cost and the overall Space Usage Efficiency (SUE).

Institution Name:	Texas Southern University		
Project Name:	Construct Robert Terry Library		
Total Project Cost:	$64,518,444	Project Type:	New Construction
TRB Request:	$64,518,444	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

Texas Southern University proposes to construct a new state-of-the-art library building This will be a technology ready building for internet, digitization, wireless applications, electronic media and other future computer technologices to facilitate learning, teaching, research and study.

Closing the Gaps Goal:

The project will help meet the success goal by enhancing students ability to find, access, and utilize information effectively, efficiently and creatively, thereby enhance their learning and research skills. It will also generate additional graduates in present and future academic disciplines to meet the needs of a 21st century global environment.

Project Evaluation:

Texas Southern University reports the present library building was constructed in1957 and renovations conducted in 1967 and 1987 have taken a significant toll on the building, leaving the institution faced with an aging and outdated building with an archaic infrastructure and structural problems. Structural problems are so acute that book collections and other heavy equipment and materials have been moved to prevent potential disaster from occurring. Besides structural concerns there are also space issues as there is inadequate space in the present building to function as a 21st Century academic library. Further, the present building is not equipped for the continuing and rapid advancement of information technology nor is there adequate space for necessary staff growth.

This project would address $4.1 million of reported deferred maintenance which is about 6 percent of the total project cost. This project would address the structural and operational issues that currently prevent the existing library from appropriately serving students.This project meets the Board's standards for cost, space need, and efficiency.

Institution Name:	Texas State Technical College - Waco		
Project Name:	Water System Infrastructure Replacement		
Total Project Cost:	$8,500,000	Project Type:	Repair and Renovation
TRB Request:	$5,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

Texas State Technical College - Waco proposes to design and install 15-20 miles of new water mains and distribution lines thorughout campus. The design will evaluate the existing water system and help to determine the correct size of water mains needed to serve the campus now and in the future as the campus expands, and to eliminate dead zones.

Closing the Gaps Goal:

The institution's increase in participation has and will continue to place additional demands on its aging infrastructure. The project would address the needed infrastructure for the institution to continues to pursue growth in participation.

Project Evaluation:

The institution reports that the water infrastructure was installed with the original air force base in the 1940's, making the infrastructure 60-70 years old. While the system is still functioning as designed, the removal and demolition of multiple buildings over the years has caused dead zones within the system and oversized areas that have caused the college to flush areas on a routine basis to keep the chlorine residual at acceptable levels. The system has more than exceeded the 50 year normal useful life expectancy for water infrastructure. This combined with the significant change in land use, from an air force base to a college campus, major maintenance problems arise such as low chlorine residuals and major main breaks. The presence of free residual chlorine in drinking water is correlated with the absence of disease-causing organisms, and thus is a measure of the potability of water. The campus layout differs significantly from the layout of the original air force base and consequently water mains exist without any water demand causing chlorine residuals to be low in these dead zones, areas where water remains stagnant. To remedy this, staff have to flush mains 3 times a week at 30 locations throughout campus at an approximate loss of 708,000 gallons of water per day. This is a loss of approximately 8.5 million gallons of water per month and 128 man-hours per month. If the infrastructure were to fail, potentially the students, faculty, staff and residents would be without water.

The project would address $8,740,000 in reported deferred maintenance and would help the institution address the aging campus infrastructure for future use. The standards for space use efficiency, cost, space need, and building efficiency are not applicable to infrastructure projects.

Institution Name:	The University of Texas Southwestern Medical Center at Dallas		
Project Name:	Renovate South Campus Research and Teaching Facilities		
Total Project Cost:	$70,000,000	Project Type:	Repair and Renovation
TRB Request:	$52,000,000	THECB Rank:	64 of 74
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

The proposed 184,436 GSF renovation of Medical Healthcare Laboratory buildings in Dallas would restore 25 to 52 year-old research and teaching buildings on the South Campus to include the modernization of biomedical laboratories and the replacement of 36 year-old buried and corroded utility lines with an easy-access tunnel. The renovated laboratories expected life is 20 years and the expected life of a piping system is 50 years.

Closing the Gaps Goal:

These renovations would assist the institution in attaining the research goal by attracting additional research opportunities.

Project Evaluation:

The institution reports that without these critical updates, it will be impossible to teach students state-of-the-art research practices and research opportunities will be lost. Additionally, recruiting and retaining faculty will be difficult and maintenance costs will be higher.

This project meets the Board's standards for cost efficiency, space need, space efficiency, and deferred maintenance.

Institution Name:	Round Rock Higher Education Center		
Project Name:	Construct Health Professions Building 2		
Total Project Cost:	$31,900,000	Project Type:	New Construction
TRB Request:	$31,900,000	THECB Rank:	
TRB Authorized:		Institution Rank:	2 of 2
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

Round Rock Higher Education Center (RRHEC) proposes to construct a 70,431 gross square foot second Health Professions building on the Round Rock Higher Education campus. Plans are to relocate the entire College of Health Professions to Round Rock. This project will house the Dean's suite, college advising center, Center for Health Professions Research, and four of the College's seven departments: Clinical Laboratory Science, Radiation Therapy, Health Administration, and Health Information Management. It will contain all spaces for Clinical Laboratory Science, including labs, research, and departmental areas. Radiation Therapy, in addition to departmental offices, will have a radiation therapy-teaching lab, simulation lab, and dosimetry computer lab. Health Administration will have departmental offices and teaching labs. Health Information Management will include departmental offices, teaching labs, and a medical records lab. Support rooms in the building include graduate assistant work spaces, conference rooms, faculty break area, student lounge, and student quiet study space. Eight classrooms ranging from 30 seats to 90 seats will complete the building.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, and Excellence.

Project Evaluation:

The institution reports, this new Health Professions Building at the Round Rock Higher Education Center stems from a space efficiency study completed on the Health Professions Building at the Texas State University-San Marcos campus. This study determined that Health Professions programs were in need of additional space to accommodate growth in enrollment, to accomplish departmental missions, and maintain individual program accreditation. A relocation of the College of Health Professions will provide an opportunity to take advantage of other health related institutions and hospitals in the immediate area. Through its professional, technical, clinical and academic programs, the college serves as an advocate for change and improvement in the field of health care services. The need for health care professionals in Texas is projected to increase steadily in the coming years and educational institutions will likely experience growth in enrollment in response to the demand for health professionals. There is no more room in the College of Health Professions to add more faculty offices in order to increase the cohort sizes

This project meets the Board’s Standard building efficiency, new construction cost, deferred maintenance, and critical deferred maintenance.

Institution Name:	The University of Texas of the Permian Basin		
Project Name:	Construct School of Engineering Building		
Total Project Cost:	$54,000,000	Project Type:	New Construction
TRB Request:	$53,500,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 2
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

The University of Texas of the Permian Basin (UTPB) proposes to construct a new 80,000 gross square foot Engineering Building. This project will include classrooms, instructional, computer and research labs, faculty and administrative offices, and student support services. This proposed project provides for a more efficient operation of the baccalaureate degree programs in Mechanical, Petroleum, and Chemical Engineering and will also support the Geology and Industrial Technology programs. This will consolidated these programs into one location designed specifically for engineering education and research.

Closing the Gaps Goal:

This project will impact all of the closing the gaps goals.

Project Evaluation:

The University of Texas of the Permian Basin (UTPB) reports that this project will consolidate the engineering programs into one location designed specifically for engineering education and research, which will improve the quality of instruction and efficiency. Bringing the existing Geology and Industrial Technology programs into the new building will provide synergies across all of the campus engineering related programs. Relocation of those programs will allow the main campus buildings to be reconfigured for growing non-Engineering programs and enable adaptive re-use of existing space to accommodate other growing programs and campus educational, research, and student support needs in conformity with the Closing the Gaps goals and successes of UT Permian Basin.

This project does meet the Board's standard for building efficiency, deferred maintenance, and critical deferred maintenance. This project does not meet the Board's standard space need, Space Usage Efficiency (SUE), and cost.

Institution Name:	Texas A&M University - Texarkana		
Project Name:	Construct New Nursing, Allied Health Sciences, and College of Business Cl		
Total Project Cost:	$46,000,000	Project Type:	New Construction
TRB Request:	$46,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

Texas A&M University - Texarkana (TAMU T) proposes to construct a new 110,000 gross square foot classroom facility consisting of new classrooms faculty and staff offices to support enrollment growth at the freshman and sophomore levels. This project would provide space on TAMUT's new campus to move programs and services now housed at its satellite campus, thus consolidating the university onto a single campus.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, and Research. The Upper East region has one of the highest high school graduation rates in the state of Texas; but the percentage of students attending higher education in this region is at or near the bottom for the state. The institution also has one of the highest first-generation populations with over 62% of graduates self-identifying as first generation students.

Project Evaluation:

The institution reports without the addition of this facility, classroom space would be limited to the Science and Technology Building and labs and a small number of classrooms in the University Center. The classroom and laboratory facility would support the expansion of its nursing programs and provide space for the addition of new degree programs in allied health sciences in non-invasive diagnostic procedures (MRI, CT, Ultrasound, etc). In addition, this facility would serve as the home for the College of Business and regional economic development support efforts including the Small Business Development Center and the Texarkana Regional Market Analysis Project. The Classroom/Office Building would be the third classroom building in Phase I of the university twenty-year master plan adopted in January 2005 and modified in July of 2009. It would provide the space to support growing research and public service base for the college of business and to provide the space needed to expand opportunities for the bachelors and masters program in nursing to meet nursing shortages of the state and our region.

This project meets the Board's Standard for building efficiency, new construction cost, deferred maintenance, and critical deferred maintenance. TAMUT notes that its space surplus is a logistical issue. Once the new building is ready, 113,985 square feet at the South campus would be removed from inventory. That would leave the institution with a space deficit of nearly 20,000 sq. ft. with the addition of this proposed project.

Institution Name:	Texas State Technical College - West Texas		
Project Name:	Replace HVAC Infrastructure with New Energy Management Systems		
Total Project Cost:	$1,000,000	Project Type:	Repair and Renovation
TRB Request:	$1,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 2
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

Texas State Technical College - West Texas (TSTC-WT) proposes to replace 405 tons of HVAC systems at the four campuses of TX State Technical College West Texas. The majority of the HVAC units at Breckenridge, Brownwood, and Abilene campuses have reached the end of their useful and efficient life. The project will also include the installation of high efficiency control systems with diagnostic capabilities.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, and Excellence. This project will impact participation and success goals by ensuring students' comfort.

Project Evaluation:

The institution reports, this project will reduce the amount of deferred maintenance for TSTC West Texas by $907,500. The majority of the units at Breckenridge Brownwood and Abilene are in excess of 15 years old, and although they have been maintained to increase their operating life they continue to operate less efficiently and the maintenance cost and major part replacement expense continues to grow. Although an engineering study has not been completed, it is estimated that a project of this magnitude can save an estimated $40,000 in utility and maintenance costs per year.

This project meets the Board's Standard building efficiency, deferred maintenance, and critical deferred maintenance.

Institution Name:	The University of Texas Health Science Center at Tyler		
Project Name:	Renovate the Academic Center Phase II		
Total Project Cost:	$30,880,000	Project Type:	Repair and Renovation
TRB Request:	$27,792,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

The University of Texas Health Science Center at Tyler (UTHSCT) proposes construction of the remaining 51,701 gross square feet of shelled space on the second and third floors of the Academic Center. This project would also include the renovation and expansion of approximately 3,500 GSF of the existing Central Utility Plant for increased capacity to support this project. This part of the project would include a new 1,000-ton chiller and cooling tower, two boiler replacements, related distribution lines and equipment and increased capacity of the electric power distribution system. A new boulevard for vehicular access, enhanced landscaping, new site parking and sidewalks will complete the development of the project site

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Excellence and Research. This project could impact the nursing/allied health degree targets, the success target, and the research goal.

Project Evaluation:

The institution reports, that this project would provide space for educational activities; classrooms, a 184-seat amphitheater; a medical library; a Family Medicine Clinic and Residency program; faculty and clinical activities for the Family Medicine Clinic; teaching programs in Biomedical Sciences, Public Health, and Health Professions, and continuing education. The boiler area in the current Central Plant facility is not constructed to comply with the Life Safety Code. Renovations in this area would correct deficiencies to achieve compliance with Life Safety Code. As a result, students in this region who wish to pursue undergraduate or graduate degrees in many health-related fields have to pursue those academic endeavors elsewhere. This project would provide facilities in support of UTHSCT's health services and anticipated academic programs. The proposed project would provide both clinical practice space and educational space for family medicine, making it an investment in this effective program.

This project meets the Board's Standard renovation construction cost, deferred maintenance, and critical deferred maintenance. This project addresses $200,000 of the institutions outstanding deferred maintenance.

Institution Name:	Texas State Technical College - West Texas		
Project Name:	Construct New Diesel Technologies Center		
Total Project Cost:	$2,000,000	Project Type:	New Construction
TRB Request:	$2,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	2 of 2
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

Texas State Technical College - West Texas (TSTC-WT) proposes to construct a new Diesel Technology training facility on the Abilene Campus of TSTC – West Texas. The project will include a 20,000 SF pre-engineered metal building with shop labs and classrooms. By offering night classes and locating training in an area of high demand, TSTC will make classes available to nontraditional students who are presently employed. TSTC will offer both Associate degree programs and Technical Skills Mastery Certificates.

Closing the Gaps Goal:

This project addresses Closing the Gaps Goals in Participation, Success, and Excellence. This project has the potential to increase participation and success rates by providing a training program that is needed in the community.

Project Evaluation:

Texas State Technical College recognizes the need of industry for highly trained Diesel Mechanics in the Big Country. The Diesel Technology Instructional department has met with industry and the TSTC Advisory Committee and has determined that there is a shortage of Trained Diesel Mechanics in the Big Country. There are a large number of dealers in the Abilene area, who will hire TSTC-WT graduates from a Diesel program. In addition, these industry partners have offered to make their facilities available in the evenings to supplement on campus training. Industry partners have shown a willingness to assist in instruction, giving TSTC students increased exposure to an actual working environment. This project is directly related to the mission of the institution.

This project meets the Board's Standard building efficiency, deferred maintenance, and critical deferred maintenance.

Institution Name:	Texas Woman's University		
Project Name:	Upgrade Campus Infrastructure Phase III		
Total Project Cost:	$5,600,000	Project Type:	Infrastructure
TRB Request:	$5,600,000	THECB Rank:	
TRB Authorized:		Institution Rank:	3 of 4
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

Texas Woman's University seeks to renovate Infrastructure Upgrades (Phase III) to complete the external work on the Denton Campus. The campus flooded in the spring of 2007. Many of the storm sewer and domestic water systems have been in place for over 40 years, and are in dire need of repair or replacement. The HVAC steam, condensate return, and chilled water systems are also in need of repair. TWU's power plant will be expanded to accommodate renovation and expansion projects that are currently under construction.

Closing the Gaps Goal:

This project could affect the goals of participation and success if not remedied. Infrastructure system failures could impact the university's ability to deliver educational programs as instructional delivery and study methods could be affected.

Project Evaluation:

The institution reports that it is in the process of taking action to make the Denton campus as green as possible. The institution is repairing and/or replacing inefficient infrastructure systems that will conserve energy, reduce operating costs, and prevent flooding. TWU is committed to reduce the university's carbon footprint and to comply with all environmental regulations.

The Board's standards for space usage efficiency, space need, cost, and building efficiency are not applicable to infrastructure projects. This project would address $1.3 million in reported deferred maintenance.

Institution Name:	University of North Texas System Administration		
Project Name:	Renovate College of Law Building		
Total Project Cost:	$72,000,000	Project Type:	Construction and Real Property
TRB Request:	$46,000,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

The University of North Texas System proposes to renovate the City of Dallas' historic 107,000 GSF Municipal Building for use as the building for the University of North Texas' newly established law school. The project will provide flexible classrooms, seminar rooms, instructional laboratory spaces, an expanded law library, an on-site clinic resource center, faculty and administrative offices, and other support areas for students, faculty and staff. The clinic space will include interview and counsel workspaces, clinical faculty offices, and necessary support spaces to maximize the student simulation experience.

Closing the Gaps Goal:

The institution reports that the additional space that will be acquired will allow for an expansion of student enrollment up to 500. It will also allow for the establishment of a night program for those prospective working students. The law school will provide affordable and accessible high-quality legal education to a greatly under-served and under-represented population. The interim location at the UNT System Building cannot accommodate the night programs or a student enrollment greater than 225.

Project Evaluation:

This TRB request of $46 million will be matched by a substantial commitment from the City of Dallas, which has committed to donate land, the historic Municipal Building ($10 million), and up to $16 million in renovation costs. The immediate commitment by the City of Dallas is $26,000,000. The System Building will serve as the interim location for the law school while the Municipal Building is being renovated. Student housing is available at the loft apartments adjacent to the System Building and owned by UNTS. These factors contribute to the creation of a professional collegiate environment not typical in a downtown urban area. Creation of the UNT Dallas College of Law in the core of the City of Dallas' central business district and close to multiple transportation routes including mass transit will make commuting convenient and economical for students, increasing educational opportunities through access and affordability.

Since the project is being undertaken by the System, the Board's standards for space use efficiency and space need are not applicable. The project meets the Board's standard for building efficiency but does not meet the current standard for cost.

Institution Name:	Sul Ross State University		
Project Name:	Campus Boiler and Other Related Infrastructure Replacement		
Total Project Cost:	$7,500,000	Project Type:	Infrastructure
TRB Request:	$7,500,000	THECB Rank:	
TRB Authorized:		Institution Rank:	1 of 1
Authorization Condition:			
Recommendation:	Lesser Priority		

Institution Project Description:

This project will replace inefficient and obsolete heating, lighting, and HVAC units and control systems throughout the campus. This project will explore opportunities in renewable energy technology in the replacement of the current inefficient equipment.

Closing the Gaps Goal:

This project would impact the participation, success, and research goals by providing a more consistent comfortable environment for students.

Project Evaluation:

Sul Ross State University reports the pending improvements identified within this project are critical components of the university's infrastructure and are subject to failure with the possibility of causing dangerous conditions for maintenance staff and loss of heat production to the majority of campus buildings. The existing steam boilers are fueled by natural gas at extremely high local unit rates, require above average maintenance, and repair costs. In addition, the underground steam and condensate return piping has degraded considerably causing the loss of thousands of dollars per year in chemically treated water. This project also addresses replacement of inefficient lighting, HVAC controls systems, and HVAC units, which will significantly reduce maintenance, operation costs, and most importantly reduce electric, natural gas and water consumption on the campus.

This infrastructure project does not meet the Board's standard for deferred maintenance; however, this project addresses 75 percent of the institutions outstanding deferred maintenance and the completion of this project will bring the institution well within Board standard.