State-Funded Project Summaries



BIOLOGICAL SCIENCES BUILDING Utah State University

Notes:

State-Funded Project Summaries

		State Funding	State Funded	
Agency/ Institution	Project	Request	O&M	Page
UVU	Performing Arts Center	\$30,000,000	\$1,168,000	22
Archives	Archives Storage Vault Expansion	\$4,183,290	\$23,355	23
*USU	Biological Science Building	\$59,242,754	\$1,199,535	24
U of U	Medical Education & Discovery / Rehabilitation Hospital	\$50,000,000	\$470,600	25
DEQ	Technical Support Center (TSC)	\$6,208,674	-	26
SLCC	Career & Technology Education Center at Westpointe Ctr	\$42,590,474	\$1,080,492	27
OWATC	Business Depot Ogden Campus-Bay 2 Build Out	\$6,586,501	\$336,195	28
WSU	Social Science Building Renovation	\$32,983,791	\$396,163	29
SUU	New Business Bldg. & Repurposed Existing Business Bldg.	\$8,000,000	\$349,000	30
UCAT:MATC	Thanksgiving Point Campus Technology / Trades Building	\$23,964,526	\$616,800	31
UCAT:BATC	Health Science and Technology Building	\$27,956,625	\$705,500	32
Agriculture	William Spry Agriculture Building	\$28,322,650	-	33
UCAT:DATC	Allied Health Building	\$25,463,974	\$655,350	34
DSU	Human Performance / Student Wellness Center	\$39,595,072	\$962,158	35
DNR	Bear Lake State Park Marina Expansion	\$25,000,000	\$100,000	36
Total		\$410,098,331	\$8,063,148	

^{*} This project has been divided into two projects for more details please contact Jeff Reddoor with the Utah State Building Board.

Performing Arts Building 1

DESCRIPTION

This building will provide adequate and essential facilities and technical equipment for University Dance and Music programs. It will include music and dance instruction studios and rehearsal halls, classrooms, technology-enhanced learning labs, student recital facilities, recording and media production technologies, 700 Seat proscenium theater, 500 seat recital hall, art galleries, practice rooms for musical instruments, classrooms, offices, and shop spaces.

A commons area/foyer with a box office and events marketing suite will serve both of the public performance facilities. Instrument storage and repair facilities, equipment lockers, dressing rooms, physical training and conditioning facilities, off-stage green rooms, and music practice rooms will serve special student needs.

The outside of the building will mirror traditional campus design and connect with adjacent buildings through a covered walkway.

COST ESTIMATE

Total Request FY17	\$30,000,000
Construction	\$39,532,017
Design Fees	\$3,176,145
Property Purchase	\$600,000
Furnishings & Equip.	\$2,065,744
Utah Arts	\$235,836
Other	\$4,390,258
Total Est. Cost	\$50,000,000
Previous Funding	\$0
Other Funding	\$20,000,000
Annual 1.1% Cap. Imp.	\$550,000
Increased State O&M	\$1,168,000
Additional Project Inform	ation
Escalated Cost / Ft	\$284.83
Unescalated Cost / Ft	\$277.88
Request Type	Design/Const.
Est. Start Date	Jul-16
Est. Completion Date	Jul-18
Sq Ft (New Bldg)	140,000
Sq Ft (Existing Bldg)	103,500
New FTE Required	8
Added Program Cost	\$300,000
Programming	Complete
Systems Replacement	\$31,625,614
Estimated Bldg Life	50 Years
Total Cost of Ownership:	\$142,864,828
Total Est. Cost:	\$50,000,000
Capital Renewal:	\$31,625,614
Infrastructure:	\$1,554,415
Total O&M:	\$59,684,800

JUSTIFICATION

Utah Valley University's mission of teaching students and giving them a complete University experience is fundamentally jeopardized without this building. By the year 2020, UVU will have a student head count of 37,769 with a Fall FTE of 34,888 according to consensus enrollment projections of UVU and the Utah State Board of Regents.

The University's ability to accommodate this number of students with existing resources is a major concern for the UVU administration and was listed as the number one concern of the 2010 evaluation team from the Northwest Commission of Colleges and Universities.

The need for this building is very urgent. Based on the amount of private donations received to-date, one can see that the community sees the great need for this building. UVU is one of the last State Universities to have a Performing Arts Building. It is time for UVU to provide this teaching and performing space for its students and community.





Archives Storage Vault Expansion

DESCRIPTION

The capacity of the State Archives' Repository, serviced by an automatic storage and retrieval system (ASRS), is 51,840 cubic feet. During FY2015, the ASRS inventory reached 45,261 cu. ft.

The Archives Repository is expected to reach capacity within **2 years**; thereby, leaving no additional room to house the State's permanent records.

This funding request is to expand the repository enclosure approximately 34 feet to the west, 75 feet north-south width and 54 feet vertical height.

This expansion would add new storage space thereby extending the availability of permanent record storage to FY 2030.

COST ESTIMATE

Total Request FY17	\$4,183,290
Construction	\$3,156,705
Design Fees	\$387,892
Property Purchase	\$0
Furnishings & Equip.	\$25,000
Utah Arts	\$31,567
Other	\$582,126
Total Est. Cost	\$4,183,290
Previous Funding	\$0
Other Funding	\$0
Annual 1.1% Cap. Imp.	\$46,016
Increased State O&M	\$23,355
Additional Project Information	ation
Escalated Cost / Ft	\$593.37
Unescalated Cost / Ft	\$545.86
Request Type	Design/Const.
Est. Start Date	Sep-15
Est. Completion Date	Jan-17
Sq Ft (New Bldg)	5,320
Sq Ft (Existing Bldg)	-
New FTE Required	0
Added Program Cost	\$0
Programming	None
Systems Replacement	\$2,525,364
Estimated Bldg Life	50 Years
Total Cost of Ownership	\$12,374,240
Total Est. Cost:	\$4,183,290
Capital Renewal	\$2,525,364
Infrastructure:	\$134,636
Total O&M:	\$5,530,950

JUSTIFICATION

The Clearfield Records Center stores and maintains govt. records for specific retention periods as required by legal retention schedules. When the retention period has been reached the records are either destroyed or transferred to the State Archives Repository for permanent safekeeping and access.

The State Archives Repository provides optimal environmental conditions for records of enduring and permanent value.

Therefore, unlike the Records Center, the Repository provides the conditions where records of varying formats can be preserved. These State records protect the legal, financial, and historical foundation of the State and its citizens.

If the capacity of the Archives Repository is not expanded, there is a potential loss of information due to lack of preservation.





*Biological Science Building

DESCRIPTION

The Biological Sciences Bldg. project consists of 103,000 GSF new bldg. on the site of the old Ag Sciences Building in the heart of the academic core of campus, 10,000 GSF of new space for the existing Biology and Natural Resources Bldg., and 76,000 GSF of remodeled space.

The new building will provide teaching labs, a modest amount of classrooms including a critically needed 450 seat centrally scheduled lecture hall, a campus wide testing center, and 5,000 SF of student study space.

The renovation of the Biology and Natural Resources Bldg. will reconfigure the restrooms and exit stairs and includes an additional 6,000 GSF of new space on all four levels on both north and south wings to provide necessary ADA, exit stair, and elevator upgrades for the building. An 4,000 GSF addition to the west entrance will provide a lobby and student study space outside the 300 seat auditorium.

Completion of this project will help USU become partners with the Governor's office initiative to increase Utah citizens with degrees in the sciences and assist with research and extension missions.

COST ESTIMATE

Total Request FY17	\$59,242,754
Construction	\$55,625,553
Design Fees	\$4,627,058
Property Purchase	\$0
Furnishings & Equip.	\$3,609,927
Utah Arts	\$545,504
Other	\$4,834,712
Total Est. Cost	\$69,242,754
Previous Funding	\$0
Other Funding	\$10,000,000
Annual 1.1% Cap. Imp.	\$761,670
Increased State O&M	\$1,199,535
Additional Project Inform	nation
Escalated Cost / Ft	\$294.32
Unescalated Cost / Ft	\$294.32
Request Type	Design/Const.
Est. Start Date	Apr-16
Est. Completion Date	Dec-16
Sq Ft (New Bldg)	113,000
Sq Ft (Existing Bldg)	76,000
New FTE Required	14.5
Added Program Cost	\$0
Programming	Complete
Systems Replacement	\$44,500,442
Estimated Bldg Life	50 Years
Total Cost of Ownership	\$175,630,866
Total Est. Cost:	\$69,242,754
Capital Renewal:	\$44,500,442
Infrastructure:	\$1,910,919
Total O&M:	\$59,976,750

JUSTIFICATION

The Department of Biology has not received significant new space since the BNR was built in the 1950s. Since then enrollments at the university have quadrupled with the result being that the current teaching facilities are crowded and unable to meet student demand.

The aging BNR building is inadequate to meet the large teaching commitment and extensive research activities of the Department of Biology. New teaching and research labs are essential both to meet burgeoning student demand for biology courses and to accommodate the dynamic research programs of Biology's teacher-scholars.

The various departments within the College of Science are dispersed among different buildings across campus. Bringing together the faculty of the Department of Biology, the largest in the College, will increase efficiency of operation and space usage, encourage connection and collaboration between units. The new bldg. will be adjacent to BNR which will allow a strong connection between the new building and those resources remaining in the Biological Natural Resource Building.



The Medical Education & Discovery/Rehabilitation Hospital

DESCRIPTION

The MED Complex will consist of three adjoined buildings: The MED Building, the Rehabilitation Hospital, and the Ambulatory Care Complex, which was previously approved.

All buildings will be located on the site of the existing School of Medicine and Medical Research & Education Bldg. The scope of this project includes demolition of those buildings listed above as well as the existing bridge connection to the University Hospital Building and the SOM.

The Discovery Center, a clinical simulation and innovation center, is planned to adjoin the MED as part of the replacement complex. Also included in the Discovery Center is the Global Health Institute, a new initiative to train students and conduct research to address global health challenges.

The project also includes the construction of new connectors to the planned Ambulatory Care Complex University Hospital.

COST ESTIMATE

Total Request FY17	\$50,000,000
Construction	\$187,808,220
Design Fees	\$18,535,966
Property Purchase	\$0
Furnishings & Equip.	\$33,012,041
Utah Arts	\$1,878,082
Other	\$45,765,691
Total Est. Cost	\$287,000,000
Previous Funding	\$0
Other Funding	\$237,000,000
Annual 1.1% Cap. Imp.	\$3,157,000
Increased State O&M	\$470,600
Additional Project Inform	nation
Escalated Cost / Ft	\$375.62
Unescalated Cost / Ft	\$329.84
Request Type	Design/Const.
Est. Start Date	Mar-18
Est. Completion Date	Oct-20
Sq Ft (New Bldg)	500,000
Sq Ft (Existing Bldgs)	639,174
New FTE Required	55
Added Program Cost	\$0
Programming	In Process
Systems Replacement	\$150,246,576
Estimated Bldg Life	50 Years
Total Cost of Ownership	\$466,083,007
Total Est. Cost:	\$287,000,000
Capital Renewal:	\$150,246,576
Infrastructure:	\$5,071,131
Total O&M:	\$23,765,300

JUSTIFICATION

This project is critical to the mission of the institution for a variety of reasons ranging from life safety to the longstanding need to raise the standards of the educational and clinical environments.

The on-going safety of patients, students, faculty and staff is paramount, and the replacement of the SOM and MREB Buildings is considered critical due to the outdated structure and its compromised safety and infrastructure systems.

The creation of enlarged and improved medical education facilities will foster necessary improvements in the educational environments. It will also allow for the strategic growth initiatives identified by the Health Sciences Institution as essential to serving the public interest in the State of Utah and the larger national and international community.

The Rehabilitation Hospital is an important link for the continued care of individuals with complex trauma and neurological injuries.



Environmental Quality Technical Support Center (TSC)

DESCRIPTION

The ideal site for this project is directly east of the Utah State Library/Blind Services/State Mail Building, located at 250 North 1950 West in Salt Lake City.

This land parcel, owned by the State, is 1.7 acres. The new facility would house a clean room, a wet chemistry laboratory, instrument calibration rooms, a shop/tool room, and a laboratory sample preparation room.

It would also have facilities for refrigeration and freezing of air quality and water quality samples, storage space for equipment and supplies, and a large warehouse. The clean room would be built consistent with federal requirements for air and water sample testing.

The warehouse would primarily serve to allow for indoor work, assembly and repair of DAQ mobile air monitoring stations, as well as provide storage space for DWQ equipment, mainly boats on trailers, ATVs and equipment trailers.

COST ESTIMATE

Total Request FY17	\$6,208,674
Construction	\$5,163,477
Design Fees	\$412,133
Property Purchase	\$0
Furnishings & Equip.	\$49,500
Utah Arts	\$51,635
Other	\$531,929
Total Est. Cost	\$6,208,674
Previous Funding	\$0
Other Funding	\$0
Annual 1.1% Cap. Imp.	\$68,295
Increased State O&M	\$0
Additional Project Inform	ation
Escalated Cost / Ft	\$258.17
Unescalated Cost / Ft	\$241.04
Request Type	Design/Const.
Est. Start Date	Jan-17
Est. Completion Date	Oct-17
Sq Ft (New Bldg)	20,000
Sq Ft (Existing Bldg)	-
New FTE Required	0
Added Program Cost	\$0
Programming	None
Systems Replacement	\$4,130,782
Estimated Bldg Life	50 Years
Total Cost of Ownership	\$12,272,990
Total Est. Cost:	\$6,208,674
Capital Renewal:	\$4,130,782
Infrastructure:	\$133,534
Total O&M:	\$1,800,000

JUSTIFICATION

The existing AMC was not originally designed to meet the needs of DAQ and has numerous mechanical and structural deficiencies. Consequently DAQ has never been able to consistently control this facilities environment. The time, repairs, and equipment needed cause financial strain and unnecessary down time

The clean room at the AMC does not consistently meet the Federal Environmental Control requirements for air sample testing and analysis.

The TSC would ultimately eliminate two leased warehouse facilities, resulting in significant long term cost savings. DEQ currently spends approximately \$140,000/yr for the leased space at the two warehouse facilities.

This new project would immediately result in short term savings by significantly reducing the time spent by DEQ staff traveling to and from the remote locations.





Career & Technical Education Center at Westpointe Center

DESCRIPTION

Salt Lake Community College proposes to construct a new 120,963 SF state-of-the-art learning facility on 9.96 acres of land adjacent to their current Westpointe Center.

The Westpointe Center will be the primary training location for career and technical education in the Salt Lake Valley. It will include 5,000 SF of space dedicated to meeting the urgent needs of many companies in the county.

The building(s) will house additional classrooms, with large bay teaching labs, study space, conference rooms, office space for faculty and general administrative and building support.

SLCC is partnering with DWS, USU, Salt Lake County and Refugee Center service providers to turn the Meadow-brook location into The Refugee Education and Training Center. This transition is already taking place but can't be finished until SLCC has vacated the buildings.

COST ESTIMATE

Total Request FY17	\$42,590,474
Construction	\$37,198,196
Design Fees	\$2,916,534
Property Purchase	\$0
Furnishings & Equip.	\$2,109,910
Utah Arts	\$371,982
Other	\$3,243,852
Total Est. Cost	\$45,840,474
Previous Funding	\$3,000,000
Other Funding	\$250,000
Annual 1.1% Cap. Imp.	\$504,245
Increased State O&M	\$1,080,492
Additional Project Inform	nation
Escalated Cost / Ft	\$307.52
Unescalated Cost / Ft	\$277.01
Request Type	Design/Const
Est. Start Date	Jun-16
Est. Completion Date	Jan-18
Sq Ft (New Bldg)	120,963
Sq Ft (Existing Bldg)	80,286
New FTE Required	4
Added Program Cost	\$0
Programming	Complete
Systems Replacement	\$29,758,557
Estimated Bldg Life	50 Years
Total Cost of Ownership	\$131,049,491
Total Est. Cost:	\$45,840,474
Capital Renewal:	\$29,758,557
Infrastructure:	\$1,425,860
Total O&M:	\$54,024,600

JUSTIFICATION

One of the Governor's top priorities for Utah is job creation. He has a goal of creating 100,000 jobs in 1000 days. This new facility will help the College meet its state-mandated mission.

The buildings at the Meadowbrook Campus are operationally non-conducive for the proposed programs and the space is insufficient and cannot be effectively utilized. The Westpointe Center would allow the College to grow programs that are currently constrained by space limitations.

A recent national study conducted by the ManPower Group identified the Top 10 Jobs Employers Have Difficulty Filling. The Westpointe Center will provide education and training to help the county and state meet the demands of four of the 10 jobs identified in the survey.

Consolidation of the Career and Technical Education programs into one location supports programmatic efficiency and broadens the programs access.



Business Depot Ogden Campus-Bay 2 Build Out

DESCRIPTION

This project is a build-out of an existing dated structure to be used for manufacturing program expansion, new program implementation, and future instructional space.

The upgrade of this space will take a sub-standard structure and turn it into usable instructional space.

The proposed buildout of Bay 2 of the college's BDO campus building will provide 43,605 SF of instructional space for training, equipment, clean rooms, laboratories, classrooms, computer labs, offices, and restrooms. This will not only permit the composites and NDI programs the ability to expand but provides space for programmatic sustainability for decades.

A portion of the proposed build-out will also be used for ongoing OSHA safety-training currently being provided by the college to area companies.

COST ESTIMATE

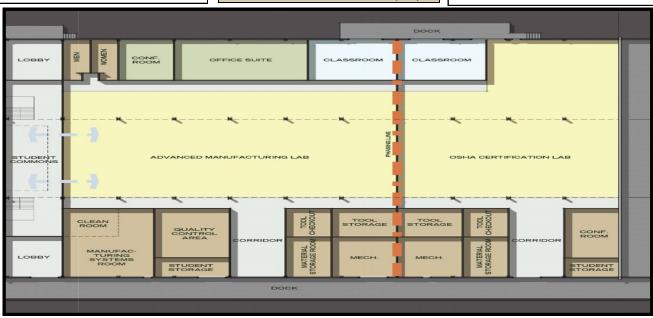
Total Request FY17	\$6,586,501
Construction	\$5,502,950
Design Fees	\$400,000
Property Purchase	\$0
Furnishings & Equip.	\$84,800
Utah Arts	\$0
Other	\$598,751
Total Est. Cost	\$6,586,501
Previous Funding	\$0
Other Funding	\$0
Annual 1.1% Cap. Imp.	\$72,452
Increased State O&M	\$336,195
Additional Project Inform	nation
Escalated Cost / Ft	\$126.20
Unescalated Cost / Ft	\$121.39
Request Type	Design/Const.
Est. Start Date	Jun-16
Est. Completion Date	Feb-17
Sq Ft (New Bldg)	43,605
Sq Ft (Existing Bldg)	9,700
New FTE Required	2
Added Program Cost	\$200,000
Programming	None
Systems Replacement	\$4,402,360
Estimated Bldg Life	50 Years
Total Cost of Ownership	\$28,104,396
Total Est. Cost:	\$6,586,501
Capital Renewal:	\$4,402,360
Infrastructure:	\$305,785
Total O&M:	\$16,809,750

JUSTIFICATION

Northern Utah aerospace employers, including HAFB, have indicated the critical need for hundreds of new aerospace technicians, including composites and NDI technicians.

The college's current composites and NDI programs are co-located and share 9,700 square feet. Serving an unduplicated headcount of 186 students per year, the programs need to double capacity and output to meet the needs of the 30 composites and aerospace industries located within 25 miles of the college.

Renovation of BDO Bay 2 is critical to the ongoing growth and effectiveness of the composites and NDI programs. These programs are key workforce and economic development drivers for the aerospace and recreational manufacturing industries in this region. Additional space is essential to accommodate more students and specialized equipment needed for advanced materials instruction.



Social Science Building Renovation

DESCRIPTION

This renovation will consist of gutting the interior, including interior partitions, electrical, heating and air conditioning, and plumbing systems.

The basic structural elements of the building will be strengthened to meet seismic code requirements. The interior will be reconfigured and rebuilt to accommodate the most effective and efficient use of space and systems to meet the current and projected academic requirements.

Faculty offices will be reconfigured and interior circulation and restrooms will be upgraded. Interior finishes will be upgraded or improved, to include lighting, floor covering, wall covering, and ceilings.

Approximately 13,000 SF of "porch" area around the perimeter of the first floor will be recaptured and incorporated into office, classroom, study and lab spaces.

COST ESTIMATE

Total Request FY17	\$32,983,791
Construction	\$24,055,744
Design Fees	\$1,716,616
Property Purchase	\$0
Furnishings & Equip.	\$2,507,000
Utah Arts	\$0
Other	\$4,704,431
Total Est. Cost	\$32,983,791
Previous Funding	\$0
Other Funding	\$0
Annual 1.1% Cap. Imp.	\$362,822
Increased State O&M	\$396,163
Additional Project Inform	nation
Escalated Cost / Ft	\$201.60
Unescalated Cost / Ft	\$191.76
Request Type	Design/Const.
Est. Start Date	Apr-17
Est. Completion Date	Jun-18
Sq Ft (New Bldg)	119,322
Sq Ft (Existing Bldg)	106,322
New FTE Required	4
Added Program Cost	0
Programming	None
Systems Replacement	\$19,244,595
Estimated Bldg Life	50 Years
Total Cost of Ownership	\$102,926,560
Total Est. Cost:	\$32,983,791
Capital Renewal:	\$19,244,595
Infrastructure:	\$1,119,874
Total O&M:	\$49,578,300

JUSTIFICATION

Over the past forty years, the student enrollment growth at the University has gone from 8,200 to over 26,500 - a 320% growth.

All of the systems in the building are old, obsolete, undersized, or simply failing. If even one of the systems fail in the building, the University will have to shut the building down and find temporary space for thousands of students and more than a hundred faculty.

The capacity of various systems, particularly the electrical system, is undersized and inadequate for the demands placed upon it due to the much more intensive use of multimedia for instructional purposes and the explosive use of computer technology by students and faculty.

The classroom facility does not comply with current seismic or ADA standards. The culinary water supply system is rusty and provides brown water in many places. The building envelope is drafty and has voids that allow insects to infest the building.



New Business Bldg. & Repurpose Existing Business Bldg.

DESCRIPTION

This new SUU project will compliment the mission of the University in that it will construct a new building that will serve the students of the Southern Utah University School of Business.

Included in the approx. 42,000 SF building will be unique space that will accommodate modern teaching techniques such as seminar style classrooms, dedicated group collaboration space, and cutting edge opportunities for students to participate in activities such as real-time financial services, and income tax preparation for actual clients.

The building will contain faculty and support staff offices. Mediation in the teaching areas will enable faculty to deliver a high caliber curriculum to students, allowing them to graduate with the skills necessary to compete in today's business world.

The existing business building will undergo an extensive remodel that will enhance the SUU campus.

COST ESTIMATE

Total Request FY17	\$8,000,000	
Construction	\$13,036,119	
Design Fees	\$1,277,393	
Property Purchase	\$0	
Furnishings & Equip.	\$844,740	
Utah Arts	\$127,396	
Other	\$1,714,352	
Total Est. Cost	\$17,000,000	
Previous Funding	\$0	
Other Funding	\$9,000,000	
Annual 1.1% Cap. Imp.	\$187,000	
Increased State O&M	\$349,000	
Additional Project Information		
Escalated Cost / Ft	\$191.36	
Unescalated Cost / Ft	\$186.73	
Request Type	Design/Const.	
Est. Start Date	Jul-16	
Est. Completion Date	Aug-17	
Sq Ft (New Bldg)	68,123	
Sq Ft (Existing Bldg)	26,123	
New FTE Required	1.5	
Added Program Cost	\$0	
Programming	None	
Systems Replacement	\$10,428,895	
Estimated Bldg Life	50 Years	
Total Cost of Ownership	\$77,853,769	
Total Est. Cost:	\$17,000,000	
Capital Renewal:	\$10,428,895	
Infrastructure:	\$847,074	
Total O&M:	\$49,577,800	

JUSTIFICATION

The School of Business has doubled in students and faculty with no increase in facility space since the current business building was constructed in 1980.

Their investment service learning lab can only accommodate eight work stations/clients at a time. The investment classes and income tax classes need at least double that amount to adequately conduct the experiential learning and service learning that are hallmarks of their business education.

The University has have completely exhausted their office space for faculty and staff. The current business building does not have any rest rooms that meet all of the ADA requirements. The electrical infrastructure has been deemed in need of replacement

The urgency of this project is growing every year. The primary threat, beyond the obvious deterioration of the student experience, is the rapid degradation of the reputation of a strong degree program and reputation of the institution.



Thanksgiving Point Campus Technology/Trades Bldg.

DESCRIPTION

The MATC is proposing the construction of a Technology/Trades bldg. on property that is owned by the MATC.

The new construction will be similar to the existing campus. The property is bare and there are no structures that would need to be demolished. All utilities are located adjacent to the property. There is a small irrigation canal that would need to be piped and covered.

Also, an additional five acres currently owned by the college are proposed to be developed for parking to drastically reduce life safety concerns from insufficient parking and having students crossing 2300 W and Ashton Blvd.

Programs to be taught in the new bldg. include welding, CNC / precision machining, diesel, automotive, composites, apprenticeships, etc.

The building will also house classrooms, labs and a limited commons and study area for students.

COST ESTIMATE

Total Request FY17	\$23,964,526
Construction	\$17,670,546
Design Fees	\$1,597,676
Property Purchase	\$0
Furnishings & Equip.	\$2,529,000
Utah Arts	\$176,705
Other	\$1,990,599
Total Est. Cost	\$23,964,526
Previous Funding	\$0
Other Funding	\$0
Annual 1.1% Cap. Imp.	\$263,610
Increased State O&M	\$616,800
Additional Project Inform	nation
Escalated Cost / Ft	\$220.88
Unescalated Cost / Ft	\$205.48
Request Type	Design/Const.
Est. Start Date	Mar-17
Est. Completion Date	Jun-18
Sq Ft (New Bldg)	80,000
Sq Ft (Existing Bldg)	-
New FTE Required	13
Added Program Cost	\$0
Programming	Complete
Systems Replacement	\$14,136,437
Estimated Bldg Life	50 Years
Total Cost of Ownership	\$69,699,313
Total Est. Cost:	\$23,964,526
Capital Renewal:	\$14,136,437
Infrastructure:	\$758,351
Total O&M:	\$30,840,000

JUSTIFICATION

The purpose of this project is to address the shortage of trained, highly-skilled employees in the trades occupations and to ensure that services are available for adult and high school students in the trades program areas in the Mountainland region.

There is an ongoing need for trained welders, machinists, automotive technicians, composites technicians, etc.

Utah Valley University and the school districts are experiencing tremendous growth and are unable to provide space for the teaching of ATC programs and services.

The Mountainland Region has the largest population and employment base of any of the areas served by the Utah College of Applied Technology and projections indicate the region will have over 825,000 residents by the year 2020.

We must be proactive to provide the facilities necessary to meet the growing demand for high paying jobs in the ever growing trades sector.



Health Science and Technology Building

DESCRIPTION

The land for this project was purchased along with the BATC Main Campus facility in 1984. BATC owns approx. 26.5 acres adjacent to the Main Campus building.

This new 91,500 SF Health Science and Technology Building, will be a home to the Practical Nursing and the Associated Nursing support courses at BATC.

It will also house the Nursing Assistant Training (CNA), Medical Assisting, Phlebotomy, Pharmacy Technician, Medical Office Administration, Health Information Specialist (which includes Medical Transcription and Coding), and other health programs that are in high demand in his area.

Energy conservation measures will be incorporated into the project. USGBC modeling and documentation standards will be implemented.

COST ESTIMATE

Total Request FY17	\$27,956,625
Construction	\$21,892,434
Design Fees	\$2,007,231
Property Purchase	\$0
Furnishings & Equip.	\$2,133,000
Utah Arts	\$218,924
Other	\$1,705,036
Total Est. Cost	\$27,956,625
Previous Funding	\$0
Other Funding	\$0
Annual 1.1% Cap. Imp.	\$307,523
Increased State O&M	\$705,500
Additional Project Information	mation
Escalated Cost / Ft	\$239.26
Unescalated Cost / Ft	\$223.41
Request Type	Design/Const.
Est. Start Date	Feb-17
Est. Completion Date	Jun-18
Sq Ft (New Bldg)	91,500
Sq Ft (Existing Bldg)	25,519
New FTE Required	21.5
Added Program Cost	\$1,800,000
Programming	None
Systems Replacement	\$17,513,947
Estimated Bldg Life	50 Years
Total Cost of Ownership	\$81,633,773
Total Est .Cost:	\$27,956,625
Capital Renewal:	\$17,513,947
Infrastructure:	\$888,201
Total O&M:	\$35,275,000

JUSTIFICATION

Even before the passage of the Affordable Care Act and the implementation of "Health Care Reform," the health care industry was experiencing unprecedented growth in the past ten years.

As the demand for health care services increases, the availability of clinical sites for health care student training is substantially declining, which requires health care related training facilities to incorporate simulation-based or virtual learning opportunities for students.

The Bear River Region population is estimated to triple in the next 30 years and a shortage of health care professionals is expected as the current generation ages. Program enrollment wait times are unrealistic with prospective students being forced to wait for months and even years for admittance. This new Health Science and Technology Building will meet the facility needs for these programs for the next 30 to 50 years.



William Spry Agricultural Building

DESCRIPTION

The Dept. of Agriculture would like to construct a new facility to replace the old William Spry Agriculture Building.

This facility would house the administrative operations of the Department of Agriculture and Food. It would provide a safe, healthy environment in which the employees and the public could transact the public's business.

The existing building would be demolished and the land used in conjunction with existing space for parking and landscaping.

The utility services necessary for this building are already in place. They would be the same services, supplied by the same providers as currently service the existing building.

COST ESTIMATE

Total Request FY17	\$28,322,650
Construction	\$21,291,720
Design Fees	\$1,861,846
Property Purchase	\$0
Furnishings & Equip.	\$1,914,000
Utah Arts	\$212,917
Other	\$3,042,167
Total Est. Cost	\$28,322,650
Previous Funding	\$0
Other Funding	\$0
Annual 1.1% Cap. Imp.	\$311,549
Increased State O&M	\$0
Additional Project Inform	nation
Escalated Cost / Ft	\$376.84
Unescalated Cost / Ft	\$349.20
Request Type	Design/Const.
Est. Start Date	Apr-17
Est. Completion Date	Oct-18
Sq Ft (New Bldg)	56,500
Sq Ft (Existing Bldg)	52,000
New FTE Required	0
Added Program Cost	\$0
Programming	In Process
Systems Replacement	\$17,033,376
Estimated Bldg Life	50 Years
Total Cost of Ownership	\$62,425,536
Total Est. Cost:	\$28,322,650
Capital Renewal:	\$17,033,376
Infrastructure:	\$679,210
Total O&M:	\$16,390,300

JUSTIFICATION

The existing facility was built in 1982, and has been used to house the administrative offices, food safety and public health related labs, metrology lab, seed lab, etc.

This building has had numerous construction and maintenance issues during its lifetime. There have been several retrofits to the roof system, HVAC, and other issues that have created continual problems over the years.

The building was not originally designed to accommodate lab space and it was added after initial construction began. This has resulted in many on-going challenges to meet the requirements for USDA, FDA, and NIST certification, as well as life-safety issues for our employees and the visiting public.

The most compelling justification is that this facility does not meet seismic codes and presents a life safety issue.



DATC Allied Health Building

DESCRIPTION

The new Allied Health Building would allow for the health program expansion at the DATC campus. The proposed 85,000 SF facility would be located directly south of the main campus complex in accordance with the approved Campus Master Plan.

Programs housed in this building would include: Emergency Medical Technician, Nurse Assistant, Pharmacy Technician, Medical Office, and American Heart Association Training Center.

In addition this space would be used to start a new Electronic Health Information Technician program to expand the Radiology Technician and Dental Assisting programs. Classrooms located at community sites would also be relocated to the main DATC campus.

The new facility would allow expansion of other DATC medical programs as well in order to meet the demands of the community.

COST ESTIMATE

Total Request FY17	\$25,463,974
Construction	\$20,790,166
Design Fees	\$1,600,448
Property Purchase	\$0
Furnishings & Equip.	\$1,039,508
Utah Arts	\$207,902
Other	\$1,955,950
Total Est. Cost	\$25,593,974
Previous Funding	\$0
Other Funding	\$130,000
Annual 1.1% Cap. Imp.	\$281,534
Increased State O&M	\$655,350
Additional Project Inform	nation
Escalated Cost / Ft	\$244.59
Unescalated Cost / Ft	\$232.91
Request Type	Design/Const.
Est. Start Date	Aug-16
Est. Completion Date	Jun-18
Sq Ft (New Bldg)	85,000
Sq Ft (Existing Bldg)	29,552
New FTE Required	4
Added Program Cost	\$150,000
Programming	None
Systems Replacement	\$16,632,133
Estimated Bldg Life	50 Years
Total Cost of Ownership	\$75,818,536
Total Est. Cost:	\$25,593,974
Capital Renewal:	\$16,632,133
Infrastructure:	\$824,930
Total O&M:	\$32,767,500

JUSTIFICATION

The demand for the Allied Health Programs has resulted in overflow classes and has necessitated the adoption of the application process. This requires nursing students, who typically apply three times before being accepted, to wait an average of three years for admission.

Additional classroom and lab space is needed in order to comply with accreditation standards. The expansion of programs that require infrastructure upgrades in IT are necessary for several programs to meet the changing needs of industry, including electronic health records and advanced network technology in healthcare.

Davis Hospital, Intermountain Healthcare Hospital, and IHC Kaysville Creekside Clinic are expanding in this area and IASIS Healthcare opened a freestanding Emergency Center in Roy. DATC needs to meet this growing demand in the Davis County area as the current program only has capacity for 38 students.



Human Performance / Student Wellness Center

DESCRIPTION

This project is a multiple-story, 150,000 SF new facility that will provide needed classroom, office and critical health and wellness space for the University's nearly 9,000 students.

The current proposed location for the new building was approved as part of the Dixie State University Master Plan in 2015. The DSU Strategic plan prioritizes the implementation of new academic programs such as Health and Human Performance.

The building will be located near several large parking areas that currently serve athletic venues. These same parking areas will also serve patrons for this building.

With the addition of a new Physical Education and Student Wellness Building, Dixie State University will be in a position to accommodate new bachelor degrees in Physical Education Health and Recreation.

COST ESTIMATE

Total Request FY17	\$39,595,072
Construction	\$40,844,406
Design Fees	\$3,387,111
Property Purchase	\$0
Furnishings & Equip.	\$1,860,000
Utah Arts	\$204,222
Other	\$3,299,333
Total Est. Cost	\$49,595,072
Previous Funding	\$0
Other Funding	\$10,000,000
Annual 1.1% Cap. Imp.	\$545,546
Increased State O&M	\$962,158
Additional Project Inform	ation
Escalated Cost / Ft	\$254.91
Unescalated Cost / Ft	\$213.51
Request Type	Design/Const.
Est. Start Date	Feb-16
Est. Completion Date	Jul-18
Sq Ft (New Bldg)	150,000
Sq Ft (Existing Bldg)	-
New FTE Required	22
Added Program Cost	\$2,500,000
Programming	None
Systems Replacement	\$32,675,525
Estimated Bldg Life	50 Years
Total Cost of Ownership	\$143,971,957
Total Est Cost:	\$49,595,072
Capital Renewal:	\$32,675,525
Infrastructure:	\$1,566,460
Total O&M:	\$60,134,900

JUSTIFICATION

Current projections show DSU's enrolment growth will average nearly 3.5% per year. At this pace, DSU's student body will increase to approximately 11,000 students in the next 4 years.

Dixie State University does not have existing facilities that are adequate to address the desired new academic programs and health and wellness services. The facilities that DSU does have are obsolete and completely inadequate.

For example, the Student Activities Center was completed in 1957 and was built for 280 students. It consists of a single gymnasium floor, bleachers and locker rooms.

In addition, the Fitness Center, locker rooms and small outdoor pool were completed when DSU had 2,000 students. The Convention Center facilities were completed in1987. The Wellness Center is a 60+ year old residence several blocks from campus that is not adequate in any respect in offering health and wellness services.



Bear Lake State Park Marina Expansion

DESCRIPTION

The Department of Natural Resources proposes a new Deep Water Marina located just south of the existing Marina at Bear Lake. The design would mirror the existing Marina.

The main focus of the new Marina will be the 90-foot wide launch ramp. The project includes 412 single stall parking spots, and 73 truck and boat trailer parking stalls.

The new Marina would include 300 boat rental slips, and a crane pad with JIB crane to load and unload large sailboats.

The project includes a fuel dock and sewage dump, new restroom, group pavilion, day use shelters, and covered picnic tables would provide additional recreational opportunities.

COST ESTIMATE

Construction \$33,816,308 Design Fees \$2,802,000 Property Purchase \$0 Furnishings & Equip. \$0 Utah Arts \$0 Other \$2,381,692 Total Est. Cost \$39,000,000 Previous Funding \$0 Other Funding \$14,000,000 Annual 1.1% Cap. Imp. \$429,000 Increased State O&M \$100,000 Additional Project Information Escalated Cost / Ft Unescalated Cost / Ft \$847,826 Design/Const. Est. Start Date Est. Start Date Mar-15 Est. Completion Date Sep-16 Sq Ft (New Bldg) 46 Acres Sq Ft (Existing Bldg) - New FTE Required 3 Added Program Cost \$150,000 Programming In Process Systems Replacement \$27,053,046 Estimated Bldg Life 50 Years Total Cost of Ownership \$76,889,630
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Estimated Bldg Life 50 Years
Total Cost of Ownership \$76,889,630
Total Est. Cost: \$39,000,000
Capital Renewal: \$27,053,046
Infrastructure: \$836,584
Total O&M: \$10,000,000

JUSTIFICATION

The original Marina was built in the early 1970's. In 2005 there were 105,849 visitors to the Marina. In 2015 there were 188,540 visitors. That's an increase in use of over 50% in the past 10 years for a Marina that was designed for use in the early 1970's.

Utah citizens want additional recreational opportunities in the Bear Lake area as evidenced by the long lines for boat launching and parking.

The additional Marina would increase the local economy and have a positive impact on the County and Garden City.



State-Funded Land Banking Requests



WASHINGTON COUNTY
Utah State Parks and Recreation

State-Funded Land Banking Requests

* The following Land Banking Requests were not ranked by the Utah State Building Board for FY 2017.

Agency/Institution: UCAT: DXATC

Project: Permanent Campus Land Acquisition, 12 Acres

State Funding: \$ 1,500,000 Description/Justification:

On the northeast side of the 30-acre property, of the DXATC Permanent Campus site, there are approximately 6 acres of land, which would be prime real state for parking at the new Permanent Campus. The new campus will be in dire need of parking and this property would serve that intended use.

On the southeast side of the property there is approximately 6 acres that would be essential for future growth of the DXATC Permanent Campus. Currently this property is vacant and is covered in asphalt. The requested property line is shared with DXATC property and would make a great addition for future growth of the campus. While DXATC will be the first building on the Ridgetop, it is anticipated many other business will want to locate there; therefore securing land now for future growth is vital.

Agency/Institution: Courts

Project: 4 Acres, Sixth District Court Sanpete County Property Purchase

State Funding: \$ 1,000,000 **Description/Justification:**

The Courts leases and co-uses approximately 12,000 SF in the county office facility, housing two court-rooms and clerical space. The facility has been updated to accommodate as much ADA and security as possible, but the facility cannot be brought into compliance with current building code, ADA court operational or security standards. The existing Courts facility was built 75 years before ADA requirements and cannot be brought into compliance with ADA regulations without a major remodel. There is inadequate separation between the public, judges, staff and defendants in custody. The new facility will provide State Court, Juvenile Probation and GAL services for all the residents of Sanpete County.

Agency/Institution: TATC

Project: 3.5 Acres adjacent to TATC in Tooele

State Funding: \$ 525,000 Description/Justification:

The TATC is landlocked and unable to expand physical facilities. The Utah Population Estimates Committee projects a 171% population increase by 2050. The purchase of 3.5 acres of land adjacent to the TATC from Tooele City will facilitate further development of the envisioned Tooele County Education and Training Corridor. The purchase of land is the first step in the development of the Tooele Business Resource / Entrepreneurial (TBRC) Center. The 16,000 SF Tooele Business Resource / Entrepreneurial Center will provide affordable space, support and resources necessary to educate, incubate, expand and strengthen local businesses that will enhance Economic Development in Tooele County. This request will assist with economic development efforts and workforce training demands.

State-Funded Land Banking Requests

Agency/Institution: UCAT: MATC

Project: 15 Acres in the Geneva Development located in Orem

State Funding: \$ 3,920,400 **Description/Justification:**

The MATC land banking request is for 15 acres of property in the Geneva Development located in Orem, Utah at the site of the old Geneva Steel Mill. The cost of the property is \$6 per square foot. The property is in the same development that Utah Valley University has acquired approximately 200 acres for growth and expansion and would enhance future expansion of the MATC. Property in central Utah County is at a premium and the @Geneva Development is selling rapidly. This would be an ideal location to develop an educational corridor for the consolidation services in the Mountainland Region.

Agency/Institution: UCAT: DATC

Project: 9.88 Acres, Morgan/Economic Development Center

State Funding: \$ 575,000 **Description/Justification:**

This property is for a future Entrepreneur Center. This center will be a great asset for the economic growth of the area by providing a strong city, county and community partnership for emerging businesses within the Morgan County region.

Agency/Institution: UCAT: BATC-1

Project: 18.5 Acres, Adjacent to Campus (South)

State Funding: \$ 2,775,000 **Description/Justification:**

This 18.5-acre parcel is immediately adjacent to the south and west property lines of the existing BATC Main Campus. BATC has been contacted by a division of the current owners indicating the property is to be declared surplus and put up for sale. When that happens, the timeline to purchase the property will be very short. The only unknown is how quickly the property will be declared surplus and then placed on the market. Consideration of this request would be solely on the premise of land banking for BATC and the state's long-term, future needs.

Agency/Institution: UCAT: BATC-2

Project: 26 Acres, Adjacent to Campus (West)

Funding: \$ 3,900,000 **Description/Justification:**

BATC is located in the center of the Logan industrial area. A parcel of land, near the campus is now available and would serve the BATC for future needs. Acquisition, if possible, seems prudent in as much as there will come a time, in the foreseeable future, when the availability of this open land for BATC and the state will be lost forever. These acreages are also highly marketable and could provide a wise investment for the state even if BATC's future expansion needs do not materialize in the near future.