

Agency/Institution

Final

Southern Utah University

Priority	Project Name	Cost Estimate	Condition Assessment	Description/Justification
1	Track Replacement: Stadium	\$500,000	S13A-6677SI01	Stadium track is separating from the asphalt, uneven and unsafe on the northend, and should be replaced with a durable long-life product. This track replacement should coordinate with the Football Field replacement which will be funded by SUU and is scheduled for replacement during this project. Anticipated schedule: November 2011 - May 30, 2012.
2	Re-construct Elevator and Hydraulic Lift System: Electronic Learning Center	\$125,000	End of Life/Life Safety	Reconstruct 1968 elevator to bring car and controls up to modern code standards. Replacement of unsafe and high maintenance single hydraulic jack with safer double hydraulic lift system.
3	Medium Voltage Switching System Upgrade: Phase II	\$150,000	Life Safety	Existing electric switch equipment is outdated and unsafe for campus personnel and requires handling of potentially live 12,470 Volt connections. Install medium voltage switching at four sectionalizer locations on campus that will provide opening and closing capability of all three phases of power for circuit isolation and configuration.
4	Generator replacement and Elevator Reconstruction: Randall Jones Theater	\$125,000	End of Life/Life Safety	Replace aged emergency generator with unit of like size and configuration that will provide improved reliability for back-up power to life safety systems. Elevator has reached the end of its expected life and now requires control and car modifications that will ensure safe operation of the elevator. Reliability has been poor and parts are increasingly challenging to acquire.
5	Acoustical Upgrade: Music and Multipurpose Buildings	\$84,000		Improve acoustics throughout Music and Multipurpose practice rooms and performance areas to provide better sound isolation to meet NASM accreditation.
6	Library Roof Replacement	\$180,000	ES4B 8273ES01	EPDM roof has reached its life expectancy. Upgrade with energy-efficient roofing and
7	Concrete and Asphalt Replacement: Coliseum, PE, Randall Jones.	\$150,000	S17B-ISUU S138-4 S15B-ISUU S103-3 S15B ISUU S124-3	Repair deteriorated asphalt in various parking lots. Overlay asphalt parking lots: Technology, Harris West Practice field, Randall Jones Ramp. Replace concrete on Bookstore ramp and address icing concerns.
8	Underground Fuel Tank Removal and Re-landscape between Heat Plant and Sharwan Smith Center	\$140,000	(End of Life/ Energy Savings) N/A	Remove 38 year old underground steel tanks and associated piping at the Heat Plant. Includes landscaping improvements between Heat Plant and Sharwan Smith Center.

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9	Chiller and Cooling Tower Replacement: Centrum	\$350,000	(Energy Savings) HV2A 4895HV03	Replace 24-year old failing chiller and cooling tower with tandem chillers and one-dual staged cooling tower. Tie piping to the Sharwan Smith chiller for building to building staging and increased efficiency. The new chillers would run with a better than 30% reduction in energy consumption.
10	Chiller Replacement: Hunter Conference Center	\$265,000	End of life / energy saving	Replace failing chiller with unit of like size and capacity. Existing machine has reached the end of its expected life and parts are becoming obsolete and difficult to acquire. New machine will run up to 30% more efficiently and be much more reliable.
11	Chiller Replacement: Bennion Building	\$320,000	End of life / energy saving	Replace chiller with unit that has larger capacity and will run with better efficiency. New machine would be sized for 100 tons of cooling capacity and tie into existing piping and pumping systems. Also included would be the interconnection of piping to Education building chiller to allow for operation of two buildings from one chiller on lighter load days. Provides increased redundancy for both buildings.
12	Automation and Building Mechanical System Commissioning and Upgrade: Campus Sites	\$250,000	(Energy Project) N/A	Upgrade and install building automation systems and commissioning for energy conservation and effective equipment control. Re-commissioning of building mechanical systems provides adequate air flow to all building areas and integrates automation controls for Energy Conservation and comfort. Buildings included in project are: Centrum, General Classroom, Science, and Library.
13	Parking Lot Improvement: Northeast Area of Campus	\$90,000		Replace and expand deteriorated parking lot at the Northeast area of Campus.
14	Convert Woods Lab to best use academic space: Technology Building	\$250,000		Convert unused Woods Lab to best use academic space: classrooms/drawing lab/offices, etc.
15	Replace stairway between Music Building and ELC	\$500,000		Install ADA compliant stairway spanning the area between Music Building and ELC.
16	Exterior Walkway and Parking Lot Lighting Improvements: Campus	\$200,000	(Energy Savings)	Retrofit of exterior lighting for added student security and power reduction. Install energy efficient lighting to include low cutoff energy efficient lights with metering and controls for parking lots: South of soccer field, Sharwan Smith south, and Technology, as well as several exterior walkways throughout campus.

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17	Exterior Paths of Travel Study and Improvements: Campus	\$120,000		Construct Campus exterior paths of travel study to include analysis of exterior paths of travel from parking lots/stalls and their locations, signage, railings, building entry doors, etc. The study will need to include a priority list/phasing of projects. First phase of critical ADA concrete improvements on exterior paths of travel from parking lots/stalls and their locations.
18	Building Renovation: Harris Center	\$200,000	ES5A 8878ES01	Exterior glass is not marked as safety or tempered glass and needs to be replaced. Exterior window wood frame work needs to be covered with new anodized aluminum, to help extend the life of the structure and to reduce maintenance. Exterior stucco repair and paint.
19	Water Conservation: Connect Irrigation to Cedar City Pressurized System	\$225,000	Water Conservation Project	Cedar City has completed their secondary irrigation system. This project includes design, piping, valves, and additional adjustments necessary to disconnect from the potable water system and connect to the new non-potable water conservation system.
20	Boiler #3 replacement: Heat Plant	\$1,200,000	End of Life/ Energy Saving	Replace 1973 vintage boiler with new unit of like capacity (35,000 pounds-per-hour). Parts for existing boiler are obsolete. Remove existing boiler #3, install replacement boiler and associated equipment to provide needed redundancy. Tie into existing steam distribution, pumping, and monitoring systems. Includes asbestos abatement, updated electronic controls, variable frequency motor drives, and other energy saving features that will reduce annual fuel consumption and increase reliability of critical campus heating systems. END OF EQUIPMENT LIFE UPGRADE.
21	Xeriscape Projects: Various Sites	\$50,000	(Energy Project) Campus	Expand xeriscape to beautify Campus and help with water conservation in accordance with State guidelines, achieve continued resource management, and save money and valuable resources.
22	Upgrade Womens and Mens Locker Room Area: Multi-purpose Building	\$600,000	PL1A, AC3C, HV3A, EL3B, EL4B, AC3E - AC3D, IS4A, PL1G, IS2B, IS3B, FS2A, FS1A	Multipurpose Building - Upgrade/remodel locker room area, restrooms, meeting room, locker & dressing area, including deteriorated finishes, ADA accommodations, plumbing, HVAC and electrical improvements for approximately 4,000 square feet.
23	Door Locks: Classrooms and Labs	\$100,000		Replace existing door locks in classrooms and labs with quick locking action locks for safety and security on campus in the event of an emergency situation. The number of doors needing replacement would be 270 @ \$250 per/door = \$67,500 for parts, plus a labor estimate of \$32,500.

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24	New Storm Drain: 300 West	\$300,000		In partnership with Cedar City Storm Drain Master Plan. \$300,000 is SUU's portion of project funding. Project is to construct major storm drain line at 300 West along southwest boundary. Provides piped drainage in lieu of surface drainage which caused flooding in past years.
25	Water Delivery System Improvements: Mountain Center	\$80,000		Improve the inadequate water delivery system to the Mountain Center to provide potable water for occupants.
26	Roof Fall Protection Anchors	\$280,000	Life Safety	Roof anchoring points are needed in many locations. This project is to install those anchoring points. In order for staff to safely perform work on roofs and meet OSHA and ANSI requirements, fall protection is required. Could be done in phases, addressing most critical areas first.
27	Re-roof Hunter Conference Center	\$200,000		Replace shingled roof on Hunter Conference Center as roof has reached its useful life.
28	Extend Loading Dock at Receiving	\$200,000		Enlarge loading dock at Receiving and add dock levelers.
29	Press Box and Locker Room Improvements: Coliseum	\$350,000	N/A	Improve space utilization, ventilation, roofing, insulation deck sealant and energy efficiency.