

**MURRAY STATE UNIVERSITY**  
**Proposed Projects Involving the General Fund (cash or bonds)**  
(amounts in **bold** are the total budget)

**2012-2014**

(Projects listed by agency priority; descriptions are from the agency submission)

**1. Construct/Complete New Science Complex-Final Phase** **\$33,132,000**

This final phase of the Science Complex will include the construction of a new 72,500-square-foot Engineering-Physics Building. Funds are available from previous phases of the New Science Complex to begin the planning of this project. Funds requested in this phase will complete the planning, design, and construction of the Engineering-Physics Building. (C-O)

CPAB Staff Notes

- *The first three phases of this project were authorized in three consecutive budgets starting with the 2000-2002 budget. The total appropriations to date, including a \$2,650,000 scope increase reported to the Capital Projects Committee in 2007, is \$45,650,000.*
- *This project was listed as MuSU #1 priority in its 2009 capital plan. The budget has been adjusted upwards since 2009 from \$30,100,000 based on current construction costs estimates.*

**2. Construct New University Library** **\$62,033,000**

This project would allow for the construction of a new university library on the main campus of Murray State University. The new library would replace the existing Waterfield Library, constructed in 1959, and Pogue Library, constructed in 1931. Neither of these facilities was designed to meet current needs. Space is very limited in the two existing facilities and will be used up in approximately three years. The new 120,000-square-foot facility would replace the 147,043 square feet currently available in Waterfield (101,480 square feet) and Pogue (45,563 square feet). A feasibility study will be completed to determine actual project programming and cost elements. (C-O)

CPAB Staff Notes

- *Waterfield Library has recently undergone a \$1,463,483 renovation project. The project included installation of mechanical shelving units (which can be relocated to the new facility), electrical upgrades, roof/facade repairs, new lighting and wall/floor finishes.*
- *Specific uses for Waterfield and Pogue, upon completion of the new project, have not been identified. However, possibilities include using Waterfield as a centralized student services center and Pogue for Development offices and official University events.*
- *The “Construct New University Library-Student Funded” project (2012-2014 biennium, Agency Bonds) would no longer be needed if the above project is funded.*

**3. Construct Paducah Regional Campus Facility** **\$11,000,000**

This project will allow for the design and construction of a new Regional Campus Facility on the newly acquired MSU land at the intersection of I-24 and US 62 in Paducah. The Facility will provide approximately 50,000 gross square feet of classrooms, offices, and computer laboratories. In addition, the facility will support programs and services offered through the Commonwealth Virtual University. The facility will greatly increase the number of baccalaureate and graduate level degree programs offered in the Paducah area. (C-O)

CPAB Staff Notes

- *The Paducah campus of Murray State University is currently housed in the Crisp Center which would be replaced by this new facility. The Crisp Center is a 95,347-square-foot facility which was constructed in 1981 to serve as a Pepsi bottling plant.*

**4. Upgrade Campus Electrical Distribution System** **\$11,600,000**

This upgrade to the main campus electrical distribution system includes upgrading the Central Plant Substation to replace the 40+-year-old Physical Plant Substation. The project would also replace switches, underground cable, and related equipment to ensure the reliability of the campus electrical system. (C-PI)

CPAB Staff Notes

- *This project replaces three previously authorized projects: Electrical Distribution Upgrade; Replace Physical Plant Electrical Substation; and the Upgrade Highway 121 Electrical Substation project.*

**5. Construct Madisonville Postsecondary Education Center** **\$19,574,000**

KCTCS proposes to construct an approximately 63,000-gross-square-foot Postsecondary Education Center on the main campus of Madisonville Community College. The Center will provide classroom and office space for use by Murray State University, Madisonville Community College, and other four-year higher education institutions as approved by the administration of both colleges. In addition, the new facility will support programs and services offered through the Commonwealth Virtual University. The facility will greatly increase the number of baccalaureate and graduate level degree programs offered in the Madisonville area, an area in Murray State University's service region that has been historically underserved. (C-O)

CPAB Staff Notes

- *Murray State University is currently utilizing 23 classrooms at the MCC Main Campus, 6 classrooms at the MCC Health Campus, and several classrooms in local elementary and secondary schools in the area. Most, if not all, of these classes would be relocated to the Postsecondary Education Center.*
- *This project is listed as Priority #6 (\$19,574,000 GF) in KCTCS' current capital plan.*

**6. Replace Campus Steam Distribution System** **\$5,310,000**

The central steam system currently serves 19 campus buildings and varies in age from 35 to 60 years old. Portions of the system are beginning to fail and it is becoming very costly to repair. It is anticipated that significant energy savings will be experienced with this project. This project will allow for the replacement of the campus steam distribution system. (C-PI)

CPAB Staff Notes

- *New project request*
- *The University has spent over \$100,000 in less than a year on repairs to the central steam system.*

**7. Construct New Breathitt Veterinary Center** **\$32,468,000**

The project would construct a new veterinary diagnostic laboratory to meet the future demands of animal diagnostics and teaching. This facility would replace the existing 41-year-old Breathitt Veterinary Center, which is in need of major renovations and is too small to accommodate the increasing diagnostic needs of the region and the growing academic programs. A feasibility study will be completed to determine project programming and cost elements. (C-O)

CPAB Staff Notes

- *The research and diagnostic teaching programs housed in the existing Breathitt Veterinary Center would be relocated to the new facility. The existing building would be declared surplus and sold.*
- *With the authorization and completion of this project, the following projects would be eliminated since the current facility would be sold: Renovate Breathitt Veterinary Center 2012-2014 (\$8,000,000) and Refurbish Animal Holding Ctr-Breathitt Vet Ctr 2016-2018 (\$1,704,000 GF).*

**8. Renovate Blackburn Science** **\$31,096,000**

The Blackburn Science Building was completed in 1950 and contains 139,217 square feet. There have been no recent major renovations of the building. This project will allow for a total renovation of the facility. (C-PI)

CPAB Staff Notes

- *The recent VFA and Paulien & Associates study commissioned by the Council on Postsecondary Education determined that in its current condition, the Blackburn Science Building is not fit for continued use as a science facility. The study recommended that the facility be renovated to allow for continued use as other educational and general uses. This project would allow for a total renovation of the Blackburn Science Building.*
- *With the authorization and completion of this project, the Install Sprinkler System-Blackburn Science Bldg 2012-2014 (\$1,082,000 GF) project would no longer be needed.*

**9. Complete Life Safety Projects: E&G Pool** **<\$600,000** **\$1,364,000**

This project pool will allow Murray State University to complete life safety upgrades in various Education and General (E&G) buildings on the main campus. (C-PI)

- 10. Complete ADA Compliance: E & G Pool < \$600,000** **\$4,954,000**  
This project pool will address the Americans with Disabilities Act (ADA) compliance needs, with an estimated cost of less than \$600,000 each, in the Education and General (E&G) buildings at Murray State University. (C-PI)
- 11. Complete Capital Renewal: E & G Pool < \$600,000** **\$14,810,000**  
This project pool will allow Murray State University to upgrade or replace facility systems that have exceeded at least 90 percent of their useful life at various Education and General (E&G) buildings. Each of these projects has an estimated cost of less than \$600,000. (C-PI)
- 12. Abate Asbestos: E & G Pool < \$600,000** **\$340,000**  
This project pool will allow for the abatement of asbestos in E&G buildings on Murray State's main campus. (C-PI)
- 13. Renovate Breathitt Veterinary Center** **\$8,000,000**  
This project will allow for the renovation and modernization of the Breathitt Veterinary Center, including electrical/mechanical/plumbing systems as well as interior renovations to meet current needs. This project would not be necessary with the authorization, funding, and completion of the requested project "Construct New Breathitt Veterinary Center". (C-PI)
- 14. Upgrade Campus Phone and Data Network** **\$4,078,000**  
This project will allow Murray State University to upgrade the existing campus phone and data network in order to replace existing equipment that is becoming obsolete. (IT)
- 15. Renovate Lovett Auditorium** **\$20,650,000**  
This project will fully renovate the interior and exterior of the 39,489-square-foot Lovett Auditorium. This will preserve this historical landmark, constructed in 1928, on the main campus of Murray State University and provide a venue for concerts, meeting events, the theater and performing arts, etc.. The project will address life safety issues; code compliance; ADA issues; and will address much needed architectural modifications (new restrooms; window replacements; dressing rooms; sound and lighting equipment; stage curtains and fly-aways, etc.). The renovation will also include modern HVAC equipment. (C-PI)
- 16. Replace Expo Center Roof** **\$714,000**  
The William Cherry Exposition Center was constructed in 1976. The 3-ply built up with gravel surface roof was last replaced in 1995 and had an expected life of 13 years (2008). This project would allow for the roof replacement. (C-PI)
- 17. Demolish Ordway Hall** **\$1,158,000**  
This project would allow for the demolition of Ordway Hall. The 38,600-square-foot building was built in 1931. Consultants for the Kentucky Council on Postsecondary Education have recommended that the building be demolished because it is a fire hazard and is not ADA accessible. Demolition can be completed when another facility becomes available for the current occupants. (C-PI)

- 18. Waterproof Stewart Stadium** **\$755,000**  
The Stewart Stadium grandstands are directly over finished offices, classrooms, and common spaces. The grandstands are constructed of precast concrete which allows storm water leakage to the spaces below. There are numerous cracks and joints in the concrete that need to be caulked and the entire surface needs to be waterproofed.  
(C-PI)
- 19. Construct Open-Sided Stall Barn at Expo Center** **\$1,030,000**  
This project would allow the construction of a 31,250-square-foot 150 stall barn to complement and more effectively utilize the existing Livestock and Exposition Center located on Murray State University's West Farm. Many university and regional agriculture and equine events are limited because of the availability of stall space. This additional space would greatly improve the operating conditions of the Expo Center. (C-O)
- 20. Construct Livestock Instructional Laboratory** **\$1,836,000**  
This project would allow the construction of a new livestock instructional laboratory that would replace the existing outdated dairy stall barn and offices. This facility would consist of offices, classrooms, restrooms, and show/sale facilities to provide instruction for Murray State University's agriculture students as well as providing demonstration, education, and research facilities for Murray State University's service region. (C-O)
- 21. ITV Upgrades to Murray State University System** **\$1,453,000**  
ITV (interactive television) is a teaching medium by which Murray State University serves its 18-county region. MSU's ITV equipment is quickly becoming outdated to the point replacement parts are no longer available. The new high definition ITV rooms would enhance teaching and learning for both faculty and students. (IT)
- 22. Renovate Alexander Hall (old Special Ed) HVAC Sys** **\$705,000**  
This project will renovate the HVAC system in the Special Education Building, including: replace pumps, system controls and valves, electric reheat mixing boxes, and clean ductwork. (C-PI)
- 23. Install Sprinkler System- Blackburn Science Bldg** **\$1,082,000**  
The Blackburn Science Building was constructed in 1950 and has no sprinkler system for fire safety. The State Fire Marshal has recommended the installation of a fire suppression system since the building is no longer scheduled for demolition. (C-PI)
- 24. Renovate Pogue Library Electric & HVAC** **\$1,052,000**  
This project would upgrade the electrical distribution system and install a modern HVAC system in the Pogue Library. (C-PI)

- 25. Replace Breathitt Vet Ctr HVAC Controls/Heat Rec** **\$960,000**  
This project will replace the original HVAC controls and building heat recovery system. The existing HVAC controls are inefficient and have exceeded their useful life. With this old equipment, building temperatures are difficult to control which negatively impacts diagnostic equipment operation and limits animal research. (C-PI)
- 26. Replace Central Plant Boilers** **\$820,000**  
This project will replace two 33-year-old natural gas-fired boilers with three natural gas-fired boilers at Murray State University's Central Plant. These boilers are used to produce steam heat for most of the main campus buildings. The boilers will be dual-fired fuel source (natural gas primary and fuel oil secondary). (C-PI)
- 27. Renovate Exposition Center** **\$7,639,000**  
This project will renovate and correct structural problems, upgrade electrical service, and correct damage caused by continual use of the Expo Center located on the University's West Farm. (C-PI)
- 28. Campus Desktop Virtualization** **\$1,725,000**  
Desktop Virtualization would replace most Murray State University users' desktops, and possibly laptop computers, with thin client products. Over time this initial investment would significantly reduce costs associated with computer acquisition, energy consumption, system administration and support, as well as system security. (IT)
- 29. Upgrade Applied Science Electrical System** **\$1,100,000**  
This project would upgrade the electrical system in the Applied Science Building to meet the increasing demands and to replace the current system which cannot adequately supply the academic and support departments located in the building. (C-PI)
- 30. Student Desktop Virtualization** **\$1,150,000**  
Student Desktop Virtualization would allow students, for a minimal fee, to rent a mobile computing unit that would provide access to campus software and the internet, thus eliminating their need for a personal laptop computer. Industry data anticipate that Desktop Virtualization will move into mainstream use by 2010. (IT)
- 31. College of Science Instructional/Research Equip** **\$3,500,000**  
This equipment request would replace movable scientific equipment used for instruction and research in the College of Science, Engineering & Technology by the various academic departments. (EQ)
- 32. Extend Energy Management System** **\$5,500,000**  
This project would extend and upgrade the energy management system to all campus facilities. There have been significant technological advances since the original system was installed more than 30 years ago and maintaining the old system has become very costly and time-consuming. (C-PI)

**MURRAY STATE UNIVERSITY – cont'd**  
**Proposed Projects Involving the General Fund (cash or bonds)**

**2014-2016**

Agriculture Instructional Lab & Technology Equip	\$800,000
Broadcasting Education Lab Equipment	225,000
Campus Backbone 10 GigE Upgrade	775,000
Centralized Technology Refresh Program	2,600,000
Construct Campus Parking Garage	10,372,000
Construct Ctr for Appl & Basic Environ Research	7,266,000
Demolish Cutchin Field House/Racer Arena	2,596,000
Fine Arts Studio Equipment	500,000
Humanities & Fine Arts Instruction/Studio Equip	250,000
Information Tech Infrastructure for TSM & IET	625,000
Install Additional Chiller-Heating & Cooling Plt	884,000
Install Card-Operated Electronic Locks-Acad Bldg	10,109,000
Modernize Faculty Hall Elevator	714,000
Music Education Equipment	500,000
Recording/Playback Lab & Instruments	200,000
Relocate North 16th Street	4,000,000
Renovate Buildings: E & G Pool < 600,000	5,632,000
Renovate Pogue Library	7,163,000
Renovate Waterfield Lib for Multi-Use Serv Ctr	23,000,000
Renovate Woods Hall	15,414,000
Replace Campus Comm Infrastructure (Fiber Ring)	3,000,000
Upgrade E&G Building Fire Alarms to Fully Address	785,000
Upgrade Sparks Hall Electrical System	1,348,000

**2016-2018**

Construct Agriculture Science & Technology Ctr	53,841,000
Construct College of Business Building	55,653,000
Construct College of Health Sci & Human Serv Bld	31,353,000
Construct Motor Pool Maintenance Facility	6,022,000
Install 350 Ton Chiller-CFSB Center	920,000
Install Baseball Field & Stadium Sidewalk Lights	845,000
Modernize Business Bldg Elec, HVAC & Classrooms	6,432,000
Refurbish Animal Holding Ctr-Breathitt Vet Ctr	1,074,000
Renovate Applied Science Classrooms & Offices	8,674,000
Renovate CFSB Center Electrical/Mechanical	2,821,000
Renovate General Services HVAC System	704,000
Renovate Mason Hall Labs/Classrooms/Systems/Etc	3,520,000
Renovate Wells Hall Interior	4,579,000
Repair Stewart Stadium–Structural	3,101,000
Replace E&G Chiller/CFC Compliance	826,000
Replace North Campus Complex Parking Lot	778,000
Replace Stewart Stadium Playing Surfaces	1,200,000
Replace Waterfield Library HVAC & Mechanical Sys	706,000
Replace/Retrofit Doyle Fine Arts HVAC & Energy	1,156,000
Upgrade Wells Hall Electrical System	885,000



**MURRAY STATE UNIVERSITY**  
**Proposed Projects Involving Agency Bonds**  
(amounts in **bold** are the total budget)

**2012-2014**

(Projects listed by agency priority; descriptions are from the agency submission)

- 1. Construct New University Library – Student Funded** **\$62,033,000**  
This project would allow for the construction of a new university library on the main campus. The new library would replace the existing Waterfield Library, constructed in 1959, and Pogue Library, constructed in 1931. Neither of these facilities was designed to meet current needs. Space is very limited in the two existing facilities and is at full capacity. The new 168,501-square-foot facility would replace the 147,043 square feet currently available in Waterfield (101,480 sf) and Pogue (45,563 sf). A feasibility study has been completed to determine project programming and cost elements. (C-O)
- 2. Renovate Elizabeth Hall** **\$7,500,000**  
This project will redesign and rebuild the interior finishes, doors, and door frame systems; replace windows; replace roofing; upgrade mechanical, electrical, and plumbing distribution systems; and restore the bedrooms and support areas of the 47-year-old Elizabeth Hall to new condition. The project will also include some land acquisition for needed residential parking and green space. (C-PI)
- 3. Renovate Hester Hall** **\$8,400,000**  
This project will redesign and rebuild the interior finishes, doors, and door frame systems; replace windows; replace roofing; upgrade mechanical, electrical, and plumbing distribution systems; and restore the bedrooms and support areas of the 44-year-old Hester Hall to new condition. The project will also include some land acquisition for needed residential parking and green space. (C-PI)
- 4. Complete Life Safety Projects: H&D Pool <\$600,000** **\$590,000**  
This project pool will fund life safety upgrades in various Housing and Dining (H&D) buildings on the main campus. (C-PI)
- 5. Renovate College Courts** **\$10,000,000**  
This project will renovate the 12 College Courts apartment buildings, including electrical/mechanical systems, interior finishes, and exterior building systems. These 45+ year old buildings provide on campus housing for married, graduate, and non-traditional students. (C-PI)
- 6. Complete ADA Compliance: H & D Pool < \$600,000** **\$629,000**  
This project pool will address the Americans with Disabilities Act (ADA) compliance needs, with an estimated cost of less than \$600,000 each, in the Housing and Dining (H&D) buildings at Murray State University. (C-PI)

- 7. Complete Capital Renewal: H & D Pool < \$600,000** **\$6,534,000**  
 This project pool will allow Murray State University to upgrade or replace facility systems that have exceeded at least 90 percent of their useful life at various H&D buildings. Each of these projects has an estimated cost of less than \$600,000. (C-PI)
- 8. Abate Asbestos: H & D Pool < \$600,000** **\$962,000**  
 This project pool will allow for the abatement of asbestos in H&D buildings on campus. (C-PI)
- 9. Renovate Buildings: H & D Pool < \$600,000** **\$590,000**  
 This project pool is for general maintenance upgrades, minor renovations, and replacements estimated to cost less than \$600,000 each to existing facilities. (C-PI)

**2014-2016**

(Projects listed by agency priority)

1. Renovate Regents Hall	\$10,600,000
2. Renovate Regents Hall Electrical System	906,000
3. Renovate Regents Hall HVAC System	708,000
4. Renovate Regents Hall Interior	1,116,000
5. Replace Regents Hall Domestic Water Piping	655,000
6. Renovate White Hall Electrical System	836,000
7. Renovate White Hall HVAC System	1,298,000
8. Renovate White Hall Interior	975,000
9. Replace White Hall Domestic Water Piping	696,000
10. Replace Springer Hall Water Piping, Fixtures, etc.	1,738,000
11. Renovate Springer Hall HVAC & Electrical Systems	1,416,000
12. Renovate Springer Hall Interior	836,000
13. Renovate Elizabeth Hall Electrical System	767,000
14. Renovate Elizabeth Hall HVAC System	1,670,000
15. Renovate Elizabeth Hall Interior	975,000
16. Renovate Hester Hall Electrical System	808,000
17. Renovate Hester Hall HVAC System	767,000
18. Renovate Hester Hall Interior	975,000
19. Replace Hester Hall Boiler, Water Heater, Etc	836,000
20. Renovate Franklin Hall HVAC System	767,000
21. Renovate Franklin Hall Interior	835,000
22. Replace Franklin Hall Water Piping, Fixtures, Etc.	1,544,000
23. Renovate Hart Hall Electrical System	905,000
24. Renovate Hart Hall Interior	1,671,000

**2016-2018**

(Projects listed by agency priority)

1. Renovate White Hall	\$9,900,000
2. Replace Springer Hall	19,820,000
3. Renovate Hart Hall	18,199,000
4. Replace Franklin Hall	19,838,000

**MURRAY STATE UNIVERSITY**  
**Proposed Projects NOT Involving the General Fund, Road Fund, or Agency Bonds**  
(amounts in **bold** are the total budget)

**2012-2014**

(Projects listed in alphabetical order)

**Acquire Land** **1,000,000** **RF**  
To provide a pool of money to be used for property acquisitions as properties become available. (C-O)

**Complete Business & Research Center Unfinished** **1,948,000** **RF**  
This project would complete approximately 12,000 square feet of University mission related office space in the Business and Research Center at Murray State University. Grant funds for the construction of this building, originally known as the Regional Center for Emerging Technology, did not allow for the completion of this unfinished space. (C-O)

**Establish Guaranteed Energy Savings Project-Phase 2** **13,080,000** **OTLTF**  
This project will provide a project pool for the second phase of guaranteed energy savings performance contracting projects at Murray State University as authorized by House Bill 639. (C-PI)

**2014-2016**

(Projects listed in alphabetical order)

None

**2016-2018**

(Projects listed in alphabetical order)

None