

Agenda Item: I.E.**DATE:** November 14, 2013**SUBJECT:** 2014-15 Capital Project Recommendations**ACTION RECOMMENDED:** Approval

BACKGROUND INFORMATION

Capital projects are broadly categorized according to the scope of the project and funding source. State appropriations fund capital outlay projects, which consist of new construction or significant renovation of existing facilities, as well as capital maintenance projects which repair and replace systems and structures on existing facilities, such as new roofs or HVAC systems. The third type of capital project, referred to as a disclosed project, is distinguished by its funding source, which does not include state funding. These are typically projects related to various auxiliary functions on a campus, such as dorms, parking or athletics. Since the project must be funded without direct state appropriations, the institution signals its intent to initiate the project and present it for approval at the State Building Commission. This declaration of intent is disclosed to the Governor and the General Assembly, even though no state funding is requested.

Each of these three types of projects has a historically different funding pattern. Funding levels for capital outlay projects tend to be irregular. Whereas from 2004-05 to 2007-08 the legislature approved a total of \$680.7 million of capital outlay projects, in 2008-09 and 2009-10 no capital projects were approved for state funding. A special capital allocation of \$120 million was made in 2010-11 followed by an allocation of \$11 million in 2011-12. Capital outlay funding rebounded in 2012-13 and 2013-14, with \$426 million in total funding over those two fiscal years.

Unlike capital outlay projects, maintenance projects have been consistently funded in recent years. Since 2004-05, capital maintenance funding has averaged \$49 million per year, including a record high amount of \$77 million in 2004-05.

RECOMMENDATION SUMMARY

Capital Outlay

The capital outlay recommendation for 2014-15 totals \$213.1 million. As shown in Attachment I, this includes two projects for the University of Tennessee totaling \$103.5 million, or 49 percent of the total, and five projects for the Tennessee Board of Regents totaling \$109.6 million, or 51 percent of the total.

All capital outlay projects include an institutional matching component applicable to the first \$75 million of a project. THEC intends that UT and TBR have flexibility to craft the specific parameters of the matching component, though matching funds should largely consist of private gifts, grants and institutional funds.

In 2013-14, higher education institutions received \$155.9 million to fund the top four projects from THEC's 2013-14 capital outlay recommendations. The legislature funded an additional \$60.8 million for four projects not recommended by THEC, totaling \$216.7 million for capital outlay projects in 2013-14.

Capital Maintenance

The 2014-15 recommendation for capital maintenance for the Tennessee Board of Regents and the University of Tennessee systems is \$114.8 million. As shown in Attachment IV, this includes 11 projects for the University of Tennessee totaling \$45.7 million — or 40 percent of the total and 60 projects for the Tennessee Board of Regents totaling \$69.1 million — or 60 percent of the total.

In 2013-14, higher education institutions received \$56.7 million to fund 36 capital maintenance projects.

Disclosure of Revenue-Funded Projects

Projects of this nature are funded through institutional funds, Tennessee State School Bond Authority, auxiliary funds, or sources other than state appropriations. For 2014-15, 34 revenue-funded projects totaling \$264.3 million for both the Tennessee Board of Regents and the University of Tennessee systems are being disclosed. As shown in Attachment V, the listing includes 17 projects totaling \$233.6 million for the University of Tennessee, and 17 projects totaling \$30.7 million for the Tennessee Board of Regents.

ATTACHMENT I

THEC 2014-15 Capital Projects Recommendation Summary

THEC Priority	Capital Outlay		Total Project Cost	Match	Total Match Funds ¹	Previous Years Match Funds ²	2014-15 Match Funds	State Funds Request
1	UT UTK	Science Laboratory Facility (Cumberland & 13th St.)	\$96,000,000	25%	\$18,750,000	\$3,000,000	\$15,750,000	\$77,250,000
2	TBR Volunteer	Humanities Building	30,200,000	10%	3,020,000	1,500,000	1,520,000	27,180,000
3	TBR Columbia	Williamson County Center Relocation	38,500,000	10%	3,850,000	1,800,000	2,050,000	34,650,000
4	TBR TCATs	TCAT Improvements	17,940,000	5%	897,000	800,000	97,000	17,043,000
5	UT UTC	Academic Classroom Building Renovation (Lupton/Fine Arts)	35,000,000	25%	8,750,000	0	8,750,000	26,250,000
6	TBR APSU	Fine Arts Improvements	20,630,000	25%	5,158,000	1,000,000	4,158,000	15,472,000
7	TBR Jackson	Health Sciences Building	17,000,000	10%	1,700,000	1,000,000	700,000	15,300,000
TBR Total			\$124,270,000	5%-25%	\$14,625,000	\$6,100,000	\$8,525,000	\$109,645,000
UT Total			\$131,000,000	25%	\$27,500,000	\$3,000,000	\$24,500,000	\$103,500,000

Capital Outlay Full Planning	Total Project Cost	Match	Total Match Funds ¹	Institutional Planning Funds ³	Remaining Match Funds	State Funds Request
UT UTC Academic Classroom Building Renovation (Lupton/Fine Arts)	\$35,000,000	25%	\$8,750,000	\$2,000,000	\$6,750,000	\$0
UT UTK Engineering Services Facility	98,000,000	25%	18,750,000	3,000,000	15,750,000	0
TBR Total	\$0	25%	\$0	\$0		\$0
UT Total	\$133,000,000	25%	\$27,500,000	\$5,000,000		\$0

Capital Maintenance	Total	Projects	State Funds Request
TBR Total	\$69,050,000	60	\$69,050,000
UT Total	\$45,700,000	11	\$45,700,000

Total	Total	Total Match Funds ¹	Projects	State Funds Request
Total Capital Outlay	\$255,270,000	\$42,125,000	7	\$213,145,000
Total Capital Outlay Full Planning	\$133,000,000	\$27,500,000	2	\$0
Total Capital Maintenance	\$114,750,000	\$0	71	\$114,750,000
Total Capital Investment	\$503,020,000	\$69,625,000	80	\$327,895,000

1 - Match is required only on the first \$75 million of capital outlay projects; may include match funds expended in previous years.

2 - Institutional funding expended in 2012-13 and/or 2013-14 for project planning.

3 - Funds disclosed in 2014-15 that will be used to meet the requirements of the match.

ATTACHMENT II

2014-15 THEC Capital Outlay Projects Recommendation

THEC Priority	System Priority	Institution	Project Name	D + E = C					
				A 2014-15 Project Cost	B Match Percentage	C = A * B Total Match Funds ¹	D Previous Years Match Funds ²	E 2014-15 Match Funds	F = A - C State Appropriation Request
1	1	UTK	Science Laboratory Facility (Cumberland & 13th St.)	\$ 96,000,000	25%	\$ 18,750,000	\$ 3,000,000	\$ 15,750,000	\$ 77,250,000
2	1	Volunteer	Humanities Building	\$ 30,200,000	10%	\$ 3,020,000	\$ 1,500,000	\$ 1,520,000	\$ 27,180,000
3	2	Columbia	Williamson County Center Relocation	\$ 38,500,000	10%	\$ 3,850,000	\$ 1,800,000	\$ 2,050,000	\$ 34,650,000
4	3	TCATs	TCAT Improvements ³	\$ 17,940,000	5%	\$ 897,000	\$ 800,000	\$ 97,000	\$ 17,043,000
5	2	UTC	Academic Classroom Building Renovation (Lupton/Fine Arts) ⁴	\$ 35,000,000	25%	\$ 8,750,000	\$ -	\$ 8,750,000	\$ 26,250,000
6	4	APSU	Fine Arts Improvements	\$ 20,630,000	25%	\$ 5,158,000	\$ 1,000,000	\$ 4,158,000	\$ 15,472,000
7	5	Jackson	Health Sciences Building	\$ 17,000,000	10%	\$ 1,700,000	\$ 1,000,000	\$ 700,000	\$ 15,300,000
2014-15 TBR Total				\$ 124,270,000	5%-25%	\$ 14,625,000	\$ 6,100,000	\$ 8,525,000	\$ 109,645,000
2014-15 UT Total				\$ 131,000,000	5%-25%	\$ 27,500,000	\$ 3,000,000	\$ 24,500,000	\$ 103,500,000
2014-15 THEC Capital Outlay Projects Recommendation				\$ 255,270,000	5%-25%	\$ 42,125,000	\$ 9,100,000	\$ 33,025,000	\$ 213,145,000

1 - Match is required only on the first \$75 million of each capital outlay project; consists of previous years' match funds and 2014-15 match funds.

2 - Institutional funding expended in 2012-13 and/or 2013-14 for project planning.

3 - Project includes improvements on TCAT campuses in Chattanooga, Jackson, Paris and Shelbyville.

4 - Planning funds for this project are being disclosed for 2014-15. If state funding is not appropriated in 2014-15 for this project, UTC will use \$2M in institutional funds to begin planning the project for a future year.

ATTACHMENT III
THEC 2014-15 Capital Outlay Projects Descriptions

THEC Priority	System Priority	System	Institution	Project Name	Total Project Cost	State Request	Project Description
1	1	UT	UTK	Science Laboratory Facility (Cumberland & 13th St.)	\$ 96,000,000	\$ 77,250,000	This project will provide a new, approximately 222,000 Gross Square Foot, multidisciplinary science laboratory facility at Cumberland Avenue and 13th Street. This facility will house research and teaching laboratories, associated support services, faculty and departmental offices, and a vivarium. In Fiscal Year 2012-13, \$3 million was approved for Planning of this project.
2	1	TBR	Volunteer	Humanities Building	\$ 30,200,000	\$ 27,180,000	Provide a new 76,425 square foot Humanities Building with classrooms, studios, laboratories and faculty and administrative office space, in support of the College's university-parallel, general education, developmental studies, and career programs. Expand related supporting facilities in the Maintenance Building by about 12,000 square feet and in the Information Technologies section of the "W" building by about 2,000 square feet.
3	2	TBR	Columbia	Williamson County Center Relocation	\$ 38,500,000	\$ 34,650,000	This project will construct a facility to meet the objective of providing educational programs to serve an estimated headcount of 2,600 and FTE of 2,000. Enrollment exceeds capacity at the current facility and design of this space is inadequate for current use. Any renovation costs to rectify these issues would exceed replacement costs. Suitable land for this project was acquired in 2011-12 as a line-item appropriation.
4	3	TBR	TCATs	TCAT Improvements	\$ 17,940,000	\$ 17,043,000	This project includes improvements on TCAT campuses in Chattanooga, Jackson, Paris and Shelbyville. In Chattanooga, it will provide for a 3,240 square foot greenhouse, 1,200 square foot wintering house, and a 2,773 square foot head house. In Jackson, it will provide more training spaces in the lab areas for commercial equipment needed for training. In Paris, it will add classroom and lab space for the Industrial Maintenance, Industrial Electronics, Surgical Technology, Business Systems Technology and Bookstore. In Shelbyville, it will add administrative offices, Computer Operations classrooms, 2 computer labs, Allied Health classroom and an Allied Health laboratory.
5	2	UT	UTC	Academic Classroom Building Renovation (Lupton/Fine Arts)	\$ 35,000,000	\$ 26,250,000	This project will provide expanded floor space for the Departments of Art, Theater, Music, general classrooms and liberal arts department offices through the renovation of the existing Lupton Library and the Fine Arts Center. The 116,000 square foot existing library renovation project includes replacement of all mechanical, electrical and plumbing systems. Building finishes, fire alarm and lighting to be replaced. Life Safety code upgrades are included as necessary. The building will include a combination of general classrooms, Arts & Science offices and other academic spaces. This project would also renovate the existing Fine Arts Center which contains 72,300 square feet of space. The building's structural, ceiling, lighting, HVAC and telecommunications systems will be upgraded as well. The two large theaters and adjacent costume shop will be brought up to current ADA code requirements. Also, included is building-out of existing two-story spaces in the art, theater and music wings.
6	4	TBR	APSU	Fine Arts Improvements	\$ 20,630,000	\$ 15,472,000	This project will renovate and expand the Trahern Building to provide a creative and improved functional environment for the Art and Theatre Departments. It will also provide for the total replacement of the HVAC system to provide for cooling and humidity control in the ground level shops and laboratories. Site work and building configuration will include a visually screened sculpture courtyard, landscaping and loading docks.
7	5	TBR	Jackson	Health Sciences Building	\$ 17,000,000	\$ 15,300,000	This project will provide space for existing Allied Health programs on campus that require room for expansion. It will also provide for new facilities for new programs. By relocating Allied Health programs to this new 44,000 gross square footage building, existing space on campus will be freed up for other instructional use. Building was identified in the 2013 Master Plan as the top future capital outlay project for the campus.

**ATTACHMENT IV
THEC 2014-15 Capital Maintenance Projects Recommendation**

Tennessee Board of Regents		Total
TCATs	TCAT Roof Replacements (Statewide)	\$1,700,000
UM	Building Code and Safety Updates A (Several Buildings)	3,000,000
Northeast	Student Services Roof and Exterior Repairs	270,000
Jackson	McWherter Roof and Envelope Repairs	720,000
MTSU	Chiller and Tower Replacement (Absorption Chiller Facility)	1,320,000
ETSU	Elevator Updates (Several Buildings)	1,500,000
Chattanooga	Cooling Tower Replacement (Central Energy/Chiller Plant)	550,000
Volunteer	Mattox Building HVAC Updates	400,000
TSU	Campuswide Elevator Replacements Phase I	2,250,000
Cleveland	Elevator Modernizations (Several Buildings)	600,000
APSU	Claxton Building HVAC Corrections	1,630,000
Roane	Several Buildings HVAC Corrections	610,000
Southwest	Union Campus Mechanical Systems Updates	1,100,000
TCATs	TCAT Chiller Replacements (Statewide)	850,000
Motlow	Central Power Plant Chiller Replace	920,000
Dyersburg	Glover and Eller Buildings Mechanical Updates Phase I - B	660,000
Columbia	Warf Building HVAC Updates	1,480,000
Walters	Site Corrections (New Traffic Patterns around Several Buildings)	740,000
TTU	Several Buildings Upgrades A	1,710,000
Pellissippi	Division Street Codes and Repairs	500,000
ETSU	Roof Replacements (Several Buildings)	1,500,000
TTU	Roof Replacements (Volpe Library and Clement Hall)	700,000
MTSU	Electrical Updates (Several Buildings)	1,300,000
ETSU	Valleybrook Building System Replacement	1,300,000
TTU	Roaden University Center Electricity Updates A	800,000
TSU	Building Updates (Several Buildings)	1,000,000
UM	Envelope Repairs A Phase I (Several Buildings)	2,000,000
Pellissippi	Paving Repairs (Hardin Valley and Strawberry Plains campuses)	500,000
Chattanooga	Parking Lot Updates (Omniplex and Center for Media Technology)	850,000
TCATs	TCAT Parking and Paving Repairs (Statewide)	1,160,000
UM	Various Roof Replacements Phase I	2,000,000
Roane	Technology Building Roof Replacement	200,000
ETSU	College of Medicine Sprinkler Updates (Several Buildings)	750,000
MTSU	HVAC and Control Updates (Bell Street Building and Central Plant)	920,000
MTSU	Domestic Water-Sewer Systems Updates (Campuswide)	610,000
Volunteer	HVAC Updates (Several Buildings)	500,000
APSU	Music Mass Communications HVAC Replace Phase I	1,000,000
Walters	Chiller and Cooling Tower Replacement	750,000
Southwest	Mechanical Systems Modernization (HVAC Updates for Several Buildings)	1,100,000
MTSU	Exterior Repairs (Several Buildings)	1,320,000
UM	Envelope Repairs A Phase II (Several Buildings)	2,000,000
TTU	Several Buildings Waterproof & Exterior Repairs	1,770,000
Northeast	Faculty Building Glass Replacement	210,000

Tennessee Board of Regents (continued)		Total
Pellissippi	Window Replacements (Several Buildings)	\$300,000
Cleveland	Testing and Advising Center Updates	350,000
TCATs	TCAT Restroom Repairs (Statewide)	600,000
Cleveland	Nursing Department Lab Modernization	350,000
ETSU	Memorial Center Code Updates	2,500,000
ETSU	Accessibility and Code Corrections	2,000,000
UM	Various Roof Replacements Phase II	2,100,000
MTSU	Peck Hall HVAC Update	1,200,000
TSU	Campuswide Elevator Replacements Phase II	2,250,000
MTSU	Jones Hall Plumbing Updates	1,300,000
ETSU	College of Medicine Clinical Education Building HVAC Replacement	1,400,000
MTSU	Campus Stormwater Plan	720,000
Walters	Greenville Campus Mechanical Corrections	760,000
APSU	Music Mass Communications HVAC Replacement Phase II	1,500,000
TSU	Tunnel Utility Piping Updates	2,500,000
Chattanooga	Electrical Updates (Several Buildings)	800,000
TCATs	TCAT Maintenance Repairs and Corrections (Statewide)	1,670,000
2014-15 TBR Total		\$69,050,000

University of Tennessee		Total
UTM	Upgrade Steam Lines	\$4,100,000
UTC	Utility Distribution System Expansion	5,300,000
UTK	Chiller System Improvements (Several Chiller Facilities)	5,000,000
UTIA	ETREC-Little River Animal and Environmental Research Unit Waste Handling Improvements	1,400,000
UTHSC	Link Building HVAC Improvements	3,000,000
UTC	Building Exterior Repairs (Several Buildings)	2,500,000
UTIA	Research and Education Center Greenhouse Improvements	1,300,000
UTK	Science Engineering System Improvements	9,000,000
UTM	Clement Building System Improvements	7,000,000
UTC	Elevator Improvements (Several Buildings)	2,600,000
UTK/UTSI	UTSI Building Improvements (Several Buildings)	4,500,000
2014-15 UT Total		\$45,700,000

	Projects	Total
TBR	60	\$69,050,000
UT	11	\$45,700,000
Total	71	\$114,750,000

ATTACHMENT V

THEC Disclosure of Revenue-Funded Capital Projects 2014-15

TENNESSEE BOARD OF REGENTS

Institution	Project	Funding Source	Project Cost	New Sq.Ft.	TSSBA	Gifts	Grants	Auxiliary	Operating
APSU	Foy Center Expansion	Plant Funds Auxiliary	\$ 8,700,000	23,000	\$ -	\$ -	\$ -	\$ 8,700,000	\$ -
ETSU	Athletic Weight Room Renovations	Gifts	\$ 300,000	0	\$ -	\$ 300,000	\$ -	\$ -	\$ -
ETSU	Outdoor Track and Field Facility	Plant Funds Auxiliary - Athletics & Gifts	\$ 4,200,000	0	\$ -	\$ 4,185,000	\$ -	\$ 15,000	\$ -
TSU	Hale Stadium Upgrades	Plant Funds Non-Auxiliary	\$ 500,000	0	\$ -	\$ -	\$ -	\$ -	\$ 500,000
TSU	Incubation Center Construction	Plant Funds Non-Auxiliary & Gifts	\$ 2,500,000	40,000	\$ -	\$ 500,000	\$ -	\$ -	\$ 2,000,000
TSU	McMinnville Nursery Crop Research Station Expansion	Federal Grant	\$ 5,500,000	10,000	\$ -	\$ -	\$ 5,500,000	\$ -	\$ -
UM	Public Health Upgrades	Plant Funds Non-Auxiliary	\$ 1,350,000	0	\$ -	\$ -	\$ -	\$ -	\$ 1,350,000
Cleveland	Field Lighting Updates	Plant Funds Non-Auxiliary	\$ 350,000	0	\$ -	\$ -	\$ -	\$ -	\$ 350,000
Northeast	Campus Security Enhancements	Plant Funds Non-Auxiliary	\$ 250,000	0	\$ -	\$ -	\$ -	\$ -	\$ 250,000
Pellissippi	Student Recreation Center Upgrades	Plant Funds - Auxiliary - Student Fees	\$ 300,000	700	\$ -	\$ -	\$ -	\$ 300,000	\$ -
Pellissippi	Magnolia Courtyard Improvements	Plant Funds Non-Auxiliary & Plant Funds-Auxiliary-Student Fees	\$ 250,000	0	\$ -	\$ -	\$ -	\$ 10,000	\$ 240,000
Pellissippi	Magnolia Print Shop Relocation	Plant Funds Non-Auxiliary	\$ 150,000	0	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Pellissippi	Hardin Valley Courtyard Improvements	Plant Funds Non-Auxiliary & Plant Funds-Auxiliary-Student Fees	\$ 1,950,000	0	\$ -	\$ -	\$ -	\$ 50,000	\$ 1,900,000
Volunteer	Paving Repairs and Front Entrance Upgrades	Plant Funds Non-Auxiliary	\$ 3,000,000	0	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000
Volunteer	Duffer Plaza Site Improvements	Plant Funds Non-Auxiliary	\$ 700,000	0	\$ -	\$ -	\$ -	\$ -	\$ 700,000
Walters	Maples Marshall Improvements	Gifts	\$ 420,000	0	\$ -	\$ 420,000	\$ -	\$ -	\$ -
Walters	Public Safety Center Corrections	Plant Funds Non-Auxiliary	\$ 270,000	0	\$ -	\$ -	\$ -	\$ -	\$ 270,000
17 Projects	TOTAL TBR DISCLOSED PROJECTS		\$ 30,690,000	73,700	\$ -	\$ 5,405,000	\$ 5,500,000	\$ 9,075,000	\$ 10,710,000

ATTACHMENT V

THEC Disclosure of Revenue-Funded Capital Projects 2014-15

UNIVERSITY OF TENNESSEE

Institution	Project	Funding Source	Project Cost	New Sq.Ft.	TSSBA	Gifts	Grants	Auxiliary	Operating
UTC	Disability Resource Center	Plant Funds - Non-Auxiliary	\$ 800,000	5,300	\$ -	\$ -	\$ -	\$ -	\$ 800,000
UTC	Football Training Facility - Phase II (Planning)	Plant Funds-Auxiliary-Athletics	\$ 1,000,000	60,300	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -
UTHSC	Pharmacy Building - Completion of Basement	Plant Funds - Non-Auxiliary	\$ 3,000,000	4,300	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000
UTIA	Biosystems Engineering Learning & Innovation Hub	Plant Funds - Non-Auxiliary	\$ 350,000	1,800	\$ -	\$ -	\$ -	\$ -	\$ 350,000
UTK	Parking Garages/Parking Lots Repairs (2014-2015)	Plant Funds - Auxiliary - Parking	\$ 1,000,000	0	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -
UTK	Dining Services Improvements (2014-2015)	Plant Funds - Auxiliary - Food Service	\$ 750,000	0	\$ -	\$ -	\$ -	\$ 750,000	\$ -
UTK	Environmental Initiatives (2014-2015)	Plant Funds - Non-Auxiliary	\$ 1,500,000	0	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000
UTK	Campus Beautification Projects (2014-2015)	Plant Funds - Non-Auxiliary	\$ 4,000,000	0	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000
UTK	Classroom Upgrades (2014-2015)	Plant Funds - Non-Auxiliary	\$ 5,000,000	0	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000
UTK	University Avenue Buildings Improvements	Plant Funds - Non-Auxiliary	\$ 2,100,000	44,800	\$ -	\$ -	\$ -	\$ -	\$ 2,100,000

Projects disclosed for TSSBA funding

Institution	Project	Funding Source	Project Cost	New Sq.Ft.	TSSBA	Gifts	Grants	Auxiliary	Operating
UTC	Lighting Upgrades	TSSBA	\$ 2,700,000	0	\$ 2,700,000	\$ -	\$ -	\$ -	\$ -
UTC	Retrofit State Buildings	Plant Funds - Non-Auxiliary & TSSBA	\$ 4,000,000	258,300	\$ 2,350,000	\$ -	\$ -	\$ -	\$ 1,650,000
UTK	Arena Renovations and Repairs	Plant Funds - Non-Auxiliary & TSSBA	\$ 15,000,000	405,953	\$ 13,000,000	\$ -	\$ -	\$ -	\$ 2,000,000
UTK	Replacement Residence Hall	Plant Funds-Auxiliary-Housing & TSSBA	\$ 127,000,000	400,000	\$ 120,000,000	\$ -	\$ -	\$ 7,000,000	\$ -
UTK	New Student Housing	Plant Funds-Auxiliary-Housing/Dining & TSSBA	\$ 65,400,000	250,000	\$ 58,400,000	\$ -	\$ -	\$ 7,000,000	\$ -

Capital Outlay Match Funds

Institution	Project	Funding Source	Project Cost	New Sq.Ft.	TSSBA	Gifts	Grants	Auxiliary	Operating
UTC	Academic Classroom Building Renovation (Lupton/Fine Arts) (Planning)	Gifts	\$ 2,000,000	198,049	\$ -	\$ 2,000,000	\$ -	\$ -	\$ -
UTK	Engineering Services Facility (Planning)	Plant Funds - Non-Auxiliary & Gifts	\$ 3,000,000	21,900	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000

17 Projects	TOTAL UT DISCLOSED PROJECTS	\$ 238,600,000	1,650,702	\$ 196,450,000	\$ 2,000,000	\$ -	\$ 16,750,000	\$ 23,400,000
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34 Projects	TOTAL TBR & UT DISCLOSED PROJECTS	\$ 269,290,000	1,724,402	\$ 196,450,000	\$ 7,405,000	\$ 5,500,000	\$ 25,825,000	\$ 34,110,000
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ATTACHMENT VI
THEC Five-Year Plan for Capital Projects - Out Years Summary
2015-16 through 2018-19

		A	B	C	D = (A * B) - C	E = A - C - D
		Total	Target	Planning	Match Funds	State Funds
TBR Capital Outlay Out Years		Project Cost	Match	Funds ¹	Less Planning ²	Request
ETSU	Fine Arts Classroom Building ³	\$39,200,000	25%	\$1,500,000	\$8,300,000	\$29,400,000
TSU	Library Addition and Renovation	16,580,000	25%	\$1,000,000	3,145,000	12,435,000
TTU	New Chemistry Building and Infrastructure	81,750,000	25%	\$4,000,000	14,750,000	63,000,000
ETSU	Lamb Hall Renovation	21,050,000	25%	TBD from Match	5,262,500	15,787,500
UM	Biochemistry and Biology Facility	33,800,000	25%	\$1,200,000	7,037,500	26,762,500
MTSU	Academic Classroom Building	28,500,000	25%	TBD from Match	7,125,000	21,375,000
Statewide	Community Colleges Additions and Renovations	28,730,000	10%	TBD from Match	2,873,000	25,857,000
Statewide	TCATs Additions and Renovations	12,700,000	5%	TBD from Match	635,000	12,065,000
Statewide	Un-prioritized Projects	150,000,000				150,000,000
Statewide	Un-prioritized Projects	150,000,000				150,000,000
TBR Total		\$523,110,000	5% - 25%	TBD from Match	\$40,828,000	\$477,282,000

		Total	Target	Full Planning	Match Funds	State Funds
UT Capital Outlay Out Years			Match	Funds ¹	Less Planning ²	Request
UTIA	Energy and Environmental Science Building ³	\$72,750,000	10%	\$2,000,000	\$5,275,000	\$65,475,000
UTK	Engineering Services Facility ³	98,000,000	25%	TBD from Match	18,750,000	79,250,000
UTM	Classroom and Laboratory Renovation and Addition	55,000,000	25%	TBD from Match	13,750,000	41,250,000
UTK	Academic and Instructional Support Facility (Melrose)	84,000,000	25%	\$3,000,000	15,750,000	65,250,000
UTIA	Interdisciplinary Residential and Education Greenhouses	4,000,000	10%	TBD from Match	400,000	3,600,000
UTK	Life Sciences and Laboratory Facility (Walters)	110,000,000	25%	\$3,000,000	15,750,000	91,250,000
UTC	Life Sciences Laboratory Building	59,500,000	25%	\$3,000,000	11,875,000	44,625,000
UTM	Fine Arts Renovation and Addition Phase II	14,600,000	25%	\$500,000	3,150,000	10,950,000
UTC	Health Sciences Laboratory Facility	55,300,000	25%	TBD from Match	13,825,000	41,475,000
UTK	Classroom and Laboratory Facility (Harris)	40,000,000	25%	TBD from Match	10,000,000	30,000,000
UTHSC	Medicine/Administration Building	60,000,000	10%	TBD from Match	6,000,000	54,000,000
UTK	Nursing Building Renovation and Addition	45,800,000	25%	TBD from Match	11,450,000	34,350,000
UTIA	West Tennessee 4-H Center Replacement Project	36,000,000	10%	TBD from Match	3,600,000	32,400,000
UTHSC	Dentistry Faculty Practice/Research Building	18,000,000	10%	TBD from Match	1,800,000	16,200,000
UTC	Communications Classroom Building	24,000,000	25%	TBD from Match	6,000,000	18,000,000
UT Total		\$776,950,000		TBD from Match	\$137,375,000	\$628,075,000

		Total	Target	Full Planning	Match Funds	State Funds
Capital Maintenance Out Years			Match	Funds ¹	Less Planning ²	Request
TBR Total		\$127,790,000	NA	\$0	\$0	\$127,790,000
UT Total		\$291,750,000	NA	\$0	\$0	\$291,750,000

		Institution Funds			State Funds	
Total Out Years		Total	Target	Full Planning	Match Funds	Request
			Match	Funds ¹	Less Planning ²	
Total Capital Outlay Out Years 2015-16 through 2018-19		\$1,300,060,000	5%-25%	TBD from Match	\$178,203,000	\$1,105,357,000
Total Capital Maintenance Out Years 2015-16 through 2018-19		\$419,540,000		\$0	\$0	\$419,540,000
Total Capital Investment 2015-16 through 2018-19		\$1,719,600,000		TBD from Match	\$178,203,000	\$1,524,897,000

1 - Full planning funds come from the institutional match. Some planning funds have not yet been broken out from total match funds. All UT projects with full planning funds identified expended those funds in 2012-13. The TSU Library Addition and Renovation and TTU New Chemistry Building expended planning funds in 2013-14. The UM Biochemistry and Biology Facility expended planning funds in the 2011-12 funding cycle, after the matching policy was implemented in spring 2012.

2 - Match is required only on the first \$75 million of each capital outlay project.

3 - These projects were recommended by their respective systems for 2014-15.

ATTACHMENT VII

THEC Five-Year Plan for Capital Maintenance Projects - Out Years 2015-16 through 2018-19

Tennessee Board of Regents			Total
2015-16	UM	Electrical Updates	\$4,500,000
2015-16	Jackson	Elevator Modernization	730,000
2015-16	Cleveland	Electrical Infrastructure Modernization	500,000
2015-16	ETSU	College of Medicine Building 178 Mechanical Updates	2,000,000
2015-16	UM	Envelope Repairs B	4,000,000
2015-16	MTSU	Campus Sidewalk Repairs	500,000
2015-16	TTU	Several Buildings Upgrades B	1,440,000
2015-16	Motlow	Simon Hall Flooring Updates	380,000
2015-16	Walters	Expo Center Access Corrections	750,000
2015-16	Roane	Oak Ridge Campus Roof Replacement	1,140,000
2016-17	Cleveland	Several Buildings Roof Replacement	450,000
2016-17	TTU	Campus Steam Line Replacement	3,220,000
2016-17	Columbia	Powerhouse System Repairs	260,000
2016-17	Dyersburg	Glover and Eller Buildings Mechanical Updates Phase II	320,000
2016-17	APSU	Campus Fire Alarm Modernization Phase I	1,200,000
2016-17	ETSU	Campuswide Water Line Repairs	2,200,000
2016-17	UM	Academic Facilities HVAC Replacement	5,500,000
2016-17	Jackson	Administration Building HVAC System Update	390,000
2016-17	Motlow	Underground Utility Lines Replacement	1,060,000
2016-17	Volunteer	Paving Updates	860,000
2016-17	Southwest	Macon Academic Building Envelope Corrections	1,100,000
2016-17	TSU	Entrance Colonnade Repairs	2,500,000
2016-17	TCAT Dickson	Americans with Disabilities Act Accessibility Corrections	160,000
2016-17	TCAT Hartsville	Tri-County Extension Campus Accessibility and Codes Corrections	250,000
2016-17	UM	Building Code and Safety Updates B	4,000,000
2016-17	UM	Various Buildings Asbestos Abatement	1,000,000
2016-17	Roane	O'Brien Building Roof Replacement	360,000
2016-17	Walters	Sevier County Campus Roof Replacement	750,000
2016-17	TCAT Morristown	Hawkins County Campus Roof Replacement	260,000
2016-17	TCAT Covington	Exterior and Interior Moisture Remediation	300,000
2016-17	APSU	Library Roof Replacement	1,800,000
2016-17	TCAT Hartsville	Underground Utility Line Replacements	330,000
2016-17	TCAT Chattanooga	Shop HVAC Updates	1,250,000
2016-17	APSU	Campus Fire Alarm Modernization Phase II	1,100,000
2016-17	TTU	Roaden University Center Electricity Updates B	3,160,000
2016-17	ETSU	Mechanical Repair and Replacement	2,200,000
2016-17	Dyersburg	Gym Mechanical Updates	330,000
2016-17	Cleveland	Underground Utility Lines Modernization	250,000
2016-17	TCAT Covington	Electrical Updates	220,000
2017-18	Walters	Campuswide Mechanical Updates	750,000
2017-18	TSU	Several Buildings HVAC Updates	1,750,000
2017-18	Roane	Dunbar Building Elevator Replacement	440,000
2017-18	ETSU	Electrical Repair and Replacement	2,500,000
2017-18	UM	Several Buildings HVAC System Updates	4,550,000
2017-18	TCAT Athens	Campus Boiler Replacement	50,000
2017-18	Dyersburg	Gibson County Center HVAC Updates	260,000
2017-18	ETSU	Several Buildings Systems Repair	1,000,000
2017-18	APSU	Browning Building Mechanical Updates	1,700,000
2017-18	TTU	Derryberry Hall Systems Replacement A	3,160,000

Tennessee Board of Regents (continued)			Total
2017-18	TSU	Campus Plumbing Updates	\$2,000,000
2017-18	TCAT Hartsville	Campus HVAC Updates	580,000
2017-18	TTU	Health and Physical Education Building Mechanical Replacement A	3,100,000
2017-18	TCAT Hartsville	Electrical Updates	840,000
2017-18	TCAT Athens	Welding Ventilation/Exhaust Installation	130,000
2017-18	TCAT McKenzie	Plumbing Repairs	140,000
2017-18	TCAT Whiteville	Boiler and HVAC Replacement	150,000
2017-18	TCAT Athens	Chiller Replacement	160,000
2017-18	TCAT Memphis	Aviation HVAC Updates	170,000
2017-18	TCAT Pulaski	Administration/Classroom HVAC Update	200,000
2017-18	APSU	Dunn Center HVAC Updates	3,080,000
2017-18	Walters	Humanities Corrections	1,000,000
2017-18	TSU	Underground Utility Updates	2,500,000
2017-18	TTU	Roaden University Center Electricity Updates C	3,160,000
2017-18	TCAT Elizabethton	Herman Robinson Campus HVAC Repairs	550,000
2017-18	TSU	Electrical Distribution Updates	2,500,000
2017-18	TTU	Derryberry Hall Systems Replacement B	3,160,000
2017-18	TSU	Campus Center Updates	2,500,000
2017-18	TTU	Health and Physical Education Building Mechanical Replacement B	3,100,000
2018-19	TSU	Instructional Technology Infrastructure Updates	2,500,000
2018-19	TTU	Roaden University Center Electricity Updates D	2,440,000
2018-19	Motlow	Marcum Building HVAC Modernization	90,000
2018-19	Motlow	Central Power Plant Boiler Modernization	1,020,000
2018-19	Motlow	Center Power Plant Motor Replacements	200,000
2018-19	Motlow	McMinnville Campus Geothermal Modernization	730,000
2018-19	Motlow	Fayetteville Campus Geothermal Modernization	610,000
2018-19	TCAT Memphis	Pavement Updates	40,000
2018-19	TCAT Athens	Bay Door Replacements	80,000
2018-19	TCAT Whiteville	Pavement and Sidewalk Repairs	470,000
2018-19	TSU	Campus Window Replacements	1,500,000
2018-19	TCAT Athens	Storage Building Updates	110,000
2018-19	TCAT Dickson	Campus Entrance Relocation	950,000
2018-19	TCAT Ripley	Campus Parking Lot Updates	80,000
2018-19	TCAT Covington	Paving Updates	90,000
2018-19	Walters	Claiborne County Exterior Updates	700,000
2018-19	Roane	Campuswide Paving	460,000
2018-19	TCAT Hartsville	Campus Exterior and Interior Repairs	960,000
2018-19	TSU	Access Control and Locking Updates	3,000,000
2018-19	TCAT Ripley	Door and Hardware Replacement	190,000
2018-19	TCAT Elizabethton	Herman Robinson Campus Updates	250,000
2018-19	Motlow	Exterior Building Repairs	1,220,000
2018-19	Motlow	Parking and Roadway Repairs	1,010,000
2018-19	TSU	McMinnville Campus Roof and Envelope Repairs	2,500,000
2018-19	TTU	Several Buildings Waterproof and Exterior Repairs	2,700,000
2018-19	TCAT Ripley	Campus Flooring Updates	170,000
2018-19	TCAT Chattanooga	Auto Body Shop Interior Corrections	350,000
2018-19	UM	Wilder Tower Updates	4,900,000
2018-19	Motlow	Several Buildings Interior Repairs	570,000
TBR Out Years Total			97 Projects
			\$127,790,000

ATTACHMENT VII

THEC Five-Year Plan for Capital Maintenance Projects - Out Years 2015-16 through 2018-19

University of Tennessee			Total
2015-16	UTK	Electrical Distribution Improvements	\$3,500,000
2015-16	UTIA	Research and Education Centers Roof Replacement	1,200,000
2015-16	UTC	Roof Replacements	3,300,000
2015-16	UTIA	College of Veterinary Medicine Building Improvements	4,900,000
2015-16	UTK	Dabney/Buehler System Upgrade	9,000,000
2015-16	UTM	Sociology Building HVAC Upgrade	2,900,000
2015-16	UTK	HVAC Controls System Consolidation	9,000,000
2015-16	UTC	Brock Hall Improvements	3,900,000
2015-16	UTIA	Ridley 4-H Improvements	3,800,000
2015-16	UTK	Andy Holt Tower - Systems Upgrades/Controls and Equipment	6,100,000
2015-16	UTC	Electrical Distribution	3,000,000
2015-16	UTHSC	Elevator Improvements	4,150,000
2016-17	UTM	Library System Improvements	4,000,000
2016-17	UTK	Electricity Distribution System Improvements	14,000,000
2016-17	UTIA	Research and Education Centers Paving and Fence Improvements	2,300,000
2016-17	UTC	Cadek Hall Improvements	1,800,000
2016-17	UTM	Hall Moody Improvements	8,000,000
2016-17	UTHSC	Restroom Improvements	2,000,000
2016-17	UTIA	Reinstate Handling and Facilities Improvements	1,400,000
2016-17	UTC	Guerry Center Improvements	2,000,000
2016-17	UTK	Communications and Student System Improvements	12,000,000
2016-17	UTK	High Pressure Chiller Replacement	3,000,000
2016-17	UTIA	Blount Farm Improvements	2,300,000
2016-17	UTC	MacLellan Gym Improvements	2,000,000
2016-17	UTIA	Research and Education Centers Livestock Facilities Improvements	1,200,000
2016-17	UTC	Pfeiffer Hall Improvements	2,000,000
2016-17	UTK	Steam Distribution System Improvements	6,000,000
2016-17	UTM	McCombs Building - HVAC Upgrades	3,500,000
2016-17	UTC	Patten and Danforth Chapel Improvements	2,250,000
2017-18	UTIA	Research and Education Centers Livestock Waste Handling Improvement	1,000,000
2017-18	UTM	Elam Center HVAC Upgrades	5,100,000
2017-18	UTC	McKenzie Arena Improvements	6,800,000
2017-18	UTIA	Research and Education Centers Feed Storage and Systems Improvements	1,000,000
2017-18	UTK	Elevator Upgrades	6,000,000
2017-18	UTM	West Tennessee Agriculture Pavilion/Stalling Facility - Improvements	3,000,000
2017-18	UTIA	Research and Education Centers and 4-H Center Residence Improvements	2,500,000
2017-18	UTK	Fire Safety Upgrades	15,000,000
2017-18	UTM	Agriculture Teaching Facilities Upgrades	2,300,000
2017-18	UTC	Hunter Hall Improvements	1,900,000

University of Tennessee (continued)			Total
2017-18	UTIA	Research and Education Centers Shop and Equipment Storage Improvements	\$1,500,000
2017-18	UTK	Utility and Energy Conservation	10,000,000
2017-18	UTM	Upgrade Electrical System Campuswide	2,500,000
2017-18	UTK	Window Replacements	10,000,000
2017-18	UTIA	Research and Education Centers Utility Improvements	350,000
2017-18	UTK	Sidewalk Repairs	5,000,000
2018-19	UTM	Energy Management System	2,500,000
2018-19	UTK	Sanitary and Storm Improvements	10,000,000
2018-19	UTIA	Research and Education Centers Headquarters Improvements	1,500,000
2018-19	UTM	Elam Center Roof Replacement	1,300,000
2018-19	UTK	Water Distribution System Upgrades	10,000,000
2018-19	UTK	Lighting Upgrades	5,000,000
2018-19	UTK	Flooring Replacements	5,000,000
2018-19	UTK	Asbestos Removal	8,000,000
2018-19	UTK	Roof Repairs and Replacement	6,000,000
2018-19	UTK	Masonry and Structural Repair	6,000,000
2018-19	UTK	Dunford Hall System Upgrades	6,000,000
2018-19	UTK	McClung Museum - System Upgrades	6,000,000
2018-19	UTK	Conference Center Building System Upgrade	12,000,000
2018-19	UTK	Health and Physical Education Building (HPER) System Upgrades	8,000,000
2018-19	UTK	Nielsen Physics - System Upgrade	6,000,000
UT Out Years Total		60 Projects	\$291,750,000

Projects	Total
97 TBR Total Capital Maintenance Projects Out Years	\$127,790,000
60 UT Total Capital Maintenance Projects Out Years	\$291,750,000
157 Total Capital Maintenance Projects Out Years	\$419,540,000

ATTACHMENT VIII

THEC Five-Year Capital Plan

2014-15 through 2018-19

2014-15 (See Detailed Summary in Attachment I)

	Total Project		Total	State Funds
	Cost	Projects	Match Funds ¹	Request
Capital Maintenance				
TBR	\$69,050,000	60	\$0	\$69,050,000
UT	\$45,700,000	11	\$0	\$45,700,000
Total	\$114,750,000	71	\$0	\$114,750,000
Capital Outlay				
TBR	\$124,270,000	5	\$14,625,000	\$109,645,000
UT	\$131,000,000	2	\$27,500,000	\$103,500,000
Total	\$255,270,000	7	\$42,125,000	\$213,145,000
Full Planning				
TBR	\$0	-	\$0	\$0
UT	\$133,000,000	2	\$27,500,000	\$0
Total	\$133,000,000	2	\$27,500,000	\$0
Total Capital Investment				
	\$503,020,000	80	\$69,625,000	\$327,895,000

2015-16

	Total Project		Total	State Funds
	Cost	Projects	Match Funds ¹	Request
Capital Maintenance				
TBR	\$15,940,000	10	\$0	\$15,940,000
UT	\$54,750,000	12	\$0	\$54,750,000
Total	\$70,690,000	22	\$0	\$70,690,000
Capital Outlay				
TBR	\$192,380,000	5	\$46,195,000	\$104,835,000
UT	\$423,750,000	6	\$77,675,000	\$346,075,000
Total	\$616,130,000	11	\$123,870,000	\$450,910,000
Full Planning				
TBR	TBD from Match		TBD	\$0
UT	TBD from Match		TBD	\$0
Total	\$0		TBD	\$0
Total Capital Investment				
	\$686,820,000	33	\$123,870,000	\$521,600,000

2016-17

	Total Project		Total	State Funds
	Cost	Projects	Match Funds ¹	Request
Capital Maintenance				
TBR	\$36,780,000	29	\$0	\$36,780,000
UT	\$69,750,000	17	\$0	\$69,750,000
Total	\$106,530,000	46	\$0	\$106,530,000
Capital Outlay				
TBR	\$69,930,000	3	\$10,633,000	\$59,297,000
UT	\$129,400,000	3	\$32,350,000	\$97,050,000
Total	\$199,330,000	6	\$42,983,000	\$156,347,000
Full Planning				
TBR	TBD from Match		TBD	\$0
UT	TBD from Match		TBD	\$0
Total	\$0		\$0	\$0
Total Capital Investment				
	\$305,860,000	52	\$42,983,000	\$262,877,000

2017-18

	Total Project		Total	State Funds
	Cost	Projects	Match Funds ¹	Request
Capital Maintenance				
TBR	\$45,180,000	29	\$0	\$45,180,000
UT	\$73,950,000	16	\$0	\$73,950,000
Total	\$119,130,000	45	\$0	\$119,130,000
Capital Outlay				
TBR	\$150,000,000	10	TBD	\$150,000,000
UT	\$145,800,000	3	\$27,450,000	\$118,350,000
Total	\$295,800,000	13	\$27,450,000	\$268,350,000
Full Planning				
TBR	TBD from Match		TBD	\$0
UT	TBD from Match		TBD	\$0
Total	\$0		\$0	\$0
Total Capital Investment				
	\$414,930,000	58	\$27,450,000	\$387,480,000

2018-19

	Total Project		Total	State Funds
	Cost	Projects	Match Funds ¹	Request
Capital Maintenance				
TBR	\$29,890,000	29	\$0	\$29,890,000
UT	\$93,300,000	15	\$0	\$93,300,000
Total	\$123,190,000	44	\$0	\$123,190,000
Capital Outlay				
TBR	\$150,000,000	10	TBD	\$150,000,000
UT	\$78,000,000	3	\$11,400,000	\$66,600,000
Total	\$228,000,000	13	\$11,400,000	\$216,600,000
Full Planning				
TBR	TBD from Match		TBD	\$0
UT	TBD from Match		TBD	\$0
Total	\$0		\$0	\$0
Total Capital Investment				
	\$351,190,000	57	\$11,400,000	\$339,790,000

Five-Year Total

	Total Project		Total	State Funds
	Cost	Projects	Match Funds ¹	Request
Capital Maintenance				
TBR	\$196,840,000	157	\$0	\$196,840,000
UT	\$337,450,000	71	\$0	\$337,450,000
Total	\$534,290,000	228	\$0	\$534,290,000
Capital Outlay				
TBR	\$686,580,000	33	\$71,453,000	\$615,127,000
UT	\$907,950,000	17	\$176,375,000	\$731,575,000
Total	\$1,594,530,000	50	\$247,828,000	\$1,346,702,000
Full Planning				
TBR	\$0	-	\$0	\$0
UT	\$133,000,000	2	\$27,500,000	\$0
Total	\$133,000,000	2	\$27,500,000	\$0
Total Capital Investment				
	\$2,261,820,000	280	\$275,328,000	\$1,880,992,000

1- Match is required only on the first \$75 million of capital outlay projects.