

**DATE:** November 15, 2012

**SUBJECT:** 2013-14 Capital Project Recommendations

**ACTION RECOMMENDED:** Approval

**BACKGROUND INFORMATION**

The structure of THEC’s capital projects recommendations changed beginning with the 2012-13 budget cycle. After consultations with UT, TBR and the Governor’s office, several key changes were made to the capital process. These include the addition of a matching requirement for all capital outlay projects as well as advance full project planning that is funded by the institutional match rather than state funds. These changes are incorporated into the 2013-14 recommendations.

**RECOMMENDATION SUMMARY**

**Capital Outlay**

The capital outlay recommendation for 2013-14 totals \$289.1 million. As shown in Attachment I, this includes two projects for the University of Tennessee totaling \$135.9 million, or 47 percent of the total, and five projects for the Tennessee Board of Regents totaling \$153.2 million, or 53 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.

Matching funds will largely consist of private gifts, grants, institutional matching funds, student fees and other sources. However, the goal of the matching component is to leverage private and external funding to the greatest extent possible with the intent that private gifts and grants be the first source of match for each project. Institutions and systems should make every effort to maximize private gifts and grants, while minimizing the use of student fees.

In 2012-13, higher education received \$204.8 million to fund the top three projects from THEC’s 2012-13 capital outlay recommendations, which was the largest investment in capital outlay since 2007-08.

**Capital Maintenance**

The 2013-14 recommendation for capital maintenance for the Tennessee Board of Regents and the University of Tennessee systems is \$104.8

million. As shown in Attachment IV, this includes 11 projects for the University of Tennessee totaling \$44.3 million, or 42 percent of the total, and 58 projects for the Tennessee Board of Regents totaling \$60.6 million, or 58 percent of the total.

In 2012-13, higher education received \$71.4 million to fund 55 capital maintenance projects which was the largest investment in capital maintenance projects since 2004-05.

**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 2013-14, there are 58 revenue-funded projects totaling \$306.9 million for both the Tennessee Board of Regents and the University of Tennessee systems. As shown in Attachment V, the listing includes 18 projects totaling \$170.2 million for the University of Tennessee, and 39 projects totaling \$136.7 million for the Tennessee Board of Regents.

# ATTACHMENT I

## THEC 2013-14 Capital Projects Recommendation

THEC Priority	Capital Outlay		Total Project Cost	2013-14 Project Cost <sup>1</sup>	Match	Total Match Funds <sup>2</sup>	State Funds Request	
1	UT	UTHSC	Classroom and Laboratory Renovations	\$68,500,000	\$68,500,000	10%	\$6,850,000	\$61,650,000
2	TBR	Nashville	New Academic and Support Building	\$20,430,000	\$20,430,000	10%	\$2,043,000	\$18,387,000
3	TBR	Northeast	Technical Education Complex	\$36,320,000	\$35,205,000	10%	\$3,520,500	\$31,684,500
4	TBR	UM	Community Health Facility	\$60,000,000	\$58,850,000	25%	\$14,712,500	\$44,137,500
5	UT	UTK	Science Laboratory Facility (13th & Cumberland)	\$93,000,000	\$93,000,000	25%	\$18,750,000	\$74,250,000
6	TBR	Volunteer	Humanities Building	\$29,280,000	\$29,280,000	10%	\$2,928,000	\$26,352,000
7	TBR	Columbia	Williamson County Center Relocation	\$36,230,000	\$36,230,000	10%	\$3,623,000	\$32,607,000
<b>TBR Total</b>				<b>\$182,260,000</b>	<b>\$179,995,000</b>		<b>\$26,827,000</b>	<b>\$153,168,000</b>
<b>UT Total</b>				<b>\$161,500,000</b>	<b>\$161,500,000</b>		<b>\$25,600,000</b>	<b>\$135,900,000</b>

Capital Outlay Full Planning			Total Project Cost	Total Match Funds <sup>2</sup>	Match	Institutional Planning Funds	State Funds Request
TBR	TTCs	Chattanooga, Jackson, Paris, and Shelbyville Additions	\$17,940,000	\$897,000	5%	\$800,000	\$0
TBR	APSU	Trahern Building Addition and Renovation	\$20,260,000	\$5,065,000	25%	\$1,000,000	\$0
TBR	Jackson	Health Sciences Building	\$16,580,000	\$1,658,000	10%	\$1,000,000	\$0
TBR	ETSU	Fine Arts Classroom Building	\$37,820,000	\$9,455,000	25%	\$1,500,000	\$0
TBR	TSU	Library Addition and Renovation	\$16,580,000	\$4,145,000	25%	\$1,000,000	\$0
TBR	TTU	New Chemistry Building and Infrastructure	\$81,750,000	\$18,750,000	25%	\$4,000,000	\$0
UT	UTK	Life Sciences and Laboratory Facility (Walters)	\$100,000,000	\$18,750,000	25%	\$3,000,000	\$0
<b>TBR Total</b>			<b>\$190,930,000</b>	<b>\$39,970,000</b>		<b>\$9,300,000</b>	<b>\$0</b>
<b>UT Total</b>			<b>\$100,000,000</b>	<b>\$18,750,000</b>		<b>\$3,000,000</b>	<b>\$0</b>

Capital Maintenance	Total	Projects	State Funds Request
<b>TBR Total</b>	\$60,560,000	58	\$60,560,000
<b>UT Total</b>	\$44,250,000	11	\$44,250,000

Total	Total	Projects	Total Match Funds <sup>2</sup>	State Funds Request
<b>Total Capital Outlay</b>	\$343,760,000	7	\$52,427,000	\$289,068,000
<b>Total Capital Outlay Full Planning</b>	\$290,930,000	7	\$12,300,000	\$0
<b>Total Capital Maintenance</b>	\$104,810,000	69	\$0	\$104,810,000
<b>Total Capital Investment</b>	<b>\$739,500,000</b>	<b>83</b>	<b>\$64,727,000</b>	<b>\$393,878,000</b>

1- 2013-14 Project Cost is lower than Total Project Cost when an institution receives funding from state appropriations or other sources in the years prior to the 2012-13 match requirement. The match component is based on the 2013-14 Project Cost.

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

**ATTACHMENT II**  
**THEC 2013-14 Capital Outlay Projects Recommendation**

THEC Priority	System Priority	Institution	Project Name	A	B	C = A - B	D	E = C*D	F	G = E - F	H = C - E
				Total Project Cost	Previous Years Funding <sup>1</sup>	2013-14 Project Cost	Match Percentage	Total Match Funds <sup>2</sup>	Previous Years Match Funds <sup>3</sup>	2013-14 Match Funds	State Appropriation Request
1	1	UTHSC	Classroom & Laboratory Renovations	\$68,500,000	\$0	\$68,500,000	10%	\$6,850,000	\$2,000,000	\$4,850,000	\$61,650,000
2	1	Nashville	New Academic and Support Building	\$20,430,000	\$0	\$20,430,000	10%	\$2,043,000	\$1,100,000	\$943,000	\$18,387,000
3	2	Northeast	Technical Education Complex	\$36,320,000	\$1,115,000	\$35,205,000	10%	\$3,520,500	\$810,000	\$2,710,500	\$31,684,500
4	3	UM	Community Health Facility	\$60,000,000	\$1,150,000	\$58,850,000	25%	\$14,712,500	\$2,100,000	\$12,612,500	\$44,137,500
5	2	UTK	Science Laboratory Facility	\$93,000,000	\$0	\$93,000,000	25%	\$18,750,000	\$3,000,000	\$15,750,000	\$74,250,000
6	4	Volunteer	Humanities Building	\$29,280,000	\$0	\$29,280,000	10%	\$2,928,000	\$1,500,000	\$1,428,000	\$26,352,000
7	5	Columbia	Williamson County Center Relocation	\$36,230,000	\$0	\$36,230,000	10%	\$3,623,000	\$1,800,000	\$1,823,000	\$32,607,000
<b>TBR Total for 2013-14</b>				<b>\$182,260,000</b>	<b>\$2,265,000</b>	<b>\$179,995,000</b>	<b>10%-25%</b>	<b>\$26,827,000</b>	<b>\$7,310,000</b>	<b>\$19,517,000</b>	<b>\$153,168,000</b>
<b>UT Total for 2013-14</b>				<b>\$161,500,000</b>	<b>\$0</b>	<b>\$161,500,000</b>	<b>10%-25%</b>	<b>\$25,600,000</b>	<b>\$5,000,000</b>	<b>\$20,600,000</b>	<b>\$135,900,000</b>
<b>TOTAL CAPITAL OUTLAY PROJECTS FOR 2013-14</b>				<b>\$343,760,000</b>	<b>\$2,265,000</b>	<b>\$341,495,000</b>	<b>10%-25%</b>	<b>\$52,427,000</b>	<b>\$12,310,000</b>	<b>\$40,117,000</b>	<b>\$289,068,000</b>

1- Funding from sources (state appropriations, grants, etc.) received before the match requirement was enacted in 2012-13.

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

3- Institutional funding expended in 2012-13 for project planning.

**How to read this table:** As an example, Northeast State Community College Technical Education Complex has an estimated Total Project Cost (A) of \$36.32 million. The institution received funding from state appropriations in 2007-08 totaling \$1.115 million. Since these funds were received before the implementation of the match requirement in 2012-13, these funds are considered Previous Years Funding (B) toward the project and are subtracted from Total Project Cost (A) to get the 2013-14 Project Cost (C). For this project, the 2013-14 Project Cost (C) is \$35.205 million.

Next, the Total Match Funds (E) are calculated by multiplying the Match Percentage (D) by the 2013-14 Project Cost (C). For this project, the Total Match Funds are \$3,520,500, which is \$35.205 million multiplied by 10 percent.

These Total Match Funds (E) are then split into two categories. Previous Years Match Funds (F) are simply funds expended in previous fiscal years. Most often, these are institutional funds used for planning of projects before they are brought forward for full implementation. 2013-14 Match Funds (G) are simply the Total Match Funds (E) less any Previous Years Match Funds (F), and represent the balance of the total match for the project. In this example, Northeast State Community College allocated \$810,000 toward Previous Years Match Funds (F). Therefore, the 2013-14 Match Funds (G) equal the balance of the Total Match Funds (E) of \$3,520,500 less the Previous Years Match Funds (F) of \$810,000, resulting in a balance for 2013-14 Match Funds (G) of \$2,710,500.

Finally, the State Appropriation Request (H) is determined by subtracting the Total Match Funds (E) from the 2013-14 Project Cost (C). Here, Northeast State Community College is requesting State Appropriations (H) of \$31,684,500, which is the 2013-14 Project Cost (C) of \$35.205 million less the Total Match Funds (E) of \$3,520,500.

**ATTACHMENT III**  
**THEC 2013-14 Capital Outlay Projects Descriptions**

THEC Priority	System Priority	System	Institution	Project Name	Total Project Cost	State Request	Project Description
1	1	UT	UTHSC	<b>Classroom and Laboratory Renovations</b>	\$68,500,000	\$61,650,000	This project will renovate the Crowe, Nash, and Mooney Building complex. Building systems and internal circulation corridors for these facilities are interconnected and some what operationally interdependent. Crowe and Mooney will be renovated to house administrative offices and research laboratories in Nash and Nash Annex will be renovated. In FY 2012-13, \$2M was approved for the Planning of this project.
2	1	TBR	Nashville	<b>New Academic and Support Building</b>	\$20,430,000	\$18,387,000	Construct a multi-purpose classroom and lab building to include offices, classrooms, labs, gymnasium, workout facility, and lockers. Also, a 20,000 sf basement will be used for storage. Programs supported by this building: Fine Arts, Music, PhysEd, Police Science, general academic courses.
3	2	TBR	Northeast	<b>Technical Education Complex</b>	\$36,320,000	\$31,684,500	Provide adequate classrooms, class labs, faculty offices, and storage for technical education programs and new allied health programs. Demolish three existing technology shop and lab buildings. Programs supported by this building: Automotive, Maintenance, Welding, Electricity, Refrigeration, Robotics, EMT/Trauma and Allied Health.
4	3	TBR	UM	<b>Community Health Facility</b>	\$60,000,000	\$44,137,500	This project will construct a replacement facility for the School of Audiology and Speech Pathology and the Lowenburg School of Nursing. The existing facilities are over 40 years old. Severe problems with deferred maintenance and modernization indicate a replacement facility is the only feasible alternative to provide adequate permanent space.
5	2	UT	UTK	<b>Science Laboratory Facility (13th &amp; Cumberland)</b>	\$93,000,000	\$74,250,000	This project will provide a new, approximately 222,000 GSF, multidisciplinary science laboratory facility at Cumberland Ave. and 13th St. This facility will house research and teaching laboratories, associated support services, faculty and departmental offices, and a vivarium. Project includes acquisition of three contiguous land parcels. In FY 2012-13, \$3M was approved for Planning of this project.
6	4	TBR	Volunteer	<b>Humanities Building</b>	\$29,280,000	\$26,352,000	This project will construct 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. Will also expand related facilities in the Maintenance Building and in the I.T. section of the "W" building.
7	5	TBR	Columbia	<b>Williamson County Center Relocation</b>	\$36,230,000	\$32,607,000	This project will allow the institution to acquire suitable land and construct a facility to meet the objective of providing educational programs to serve 2,600 Head Count and 2,000 FTE. Currently, enrollment exceeds capacity and current facility design is incorrect for current use. Any renovation costs to rectify these issues would exceed replacement costs. Land base for the institution is insufficient for any building or parking expansion now or in the future.

## ATTACHMENT IV

### THEC 2013-14 Capital Maintenance Projects Recommendation

Tennessee Board of Regents		Total
TTC Crump & Ripley	Interior and Exterior Updates	\$350,000
TSU	Various Roof Repair/Replacements	\$1,250,000
MTSU	Murphy Center Roof Replacement	\$2,720,000
Chattanooga	Energy Plant and Omniplex Roof Replacement	\$630,000
Statewide	TTC Roof Replacements	\$1,590,000
Jackson	McWherter Roof and Envelope Repairs Phase I	\$500,000
ETSU	Several Building Elevator Updates	\$1,350,000
Walters	College Center Assembly Hall HVAC Corrections	\$550,000
Cleveland	Various Buildings HVAC Updates	\$400,000
ETSU CoM	Building 2 Water System Replacement	\$500,000
APSU	Campus Electrical Updates	\$1,450,000
Pellissippi	HVAC Updates	\$500,000
UM	Academic Buildings HVAC Corrections	\$6,000,000
Columbia	Warf Building HVAC Updates Phase I	\$490,000
Northeast	Gray Campus Code and HVAC Updates	\$250,000
Volunteer	Mattox Building HVAC Updates Phase I	\$500,000
Motlow	Underground Waterlines Replacement Phase I	\$360,000
Dyersburg	Glover Building HVAC Updates	\$310,000
Southwest	Union Campus Mechanical Systems Updates	\$1,240,000
Roane	Several Buildings HVAC Corrections	\$540,000
TTC Jackson & Paris	Fire Alarm and Security Systems Updates	\$300,000
Statewide	TTC Chiller Replacements	\$1,390,000
TTU	Several Buildings Upgrades A	\$3,160,000
UM	Building Code and Safety Updates Phase I	\$1,000,000
ETSU	Several Buildings Lighting Replacements	\$1,500,000
MTSU	Central Plant Cooling Tower Replacement	\$810,000
TSU	Utility Tunnel Stabilization	\$1,500,000
Roane	Cumberland County Roof Replacement	\$400,000
Jackson	McWherter Roof and Envelope Repairs Phase II	\$720,000
MTSU	Absorption Chiller/Tower Replacement	\$1,100,000
Cleveland	Various Buildings HVAC Updates	\$400,000
Walters	Campus wide Mechanical Updates	\$750,000
APSU	Browning Building Mechanical Updates	\$1,300,000
Chattanooga	Campus Electrical Updates	\$750,000
MTSU	Jones Hall Plumbing Updates	\$1,080,000
ETSU CoM	Buildings Sprinkler System Updates	\$690,000
Volunteer	Mattox Building HVAC Updates Phase I	\$400,000
MTSU	Several Buildings Electrical Updates	\$1,080,000
Motlow	Underground Waterlines Replacement Phase II	\$350,000
TTU	Campus Steam Line Replacement	\$3,090,000
Dyersburg	Glover/Eller Buildings Mechanical Updates Phase I	\$310,000
Southwest	Mechanical Systems Modernization	\$1,240,000
Columbia	Warf Building HVAC Updates Phase II	\$610,000

Tennessee Board of Regents (continued)		Total
UM	Building Code and Safety Updates Phase II	\$3,000,000
Pellissippi	Division Street Codes and Repairs	\$500,000
TTC Shelbyville	Parking Lot Repavement	\$150,000
UM	Several Building Envelope Repairs	\$3,000,000
TTC Hartsville	Campus Parking and Lighting Updates	\$350,000
TSU	Life Safety/ADA Updates	\$1,000,000
MTSU	Murphy Center Ceiling Replacement	\$800,000
ETSU	Memorial Center Interior Updates	\$2,500,000
Northeast	Faculty Building Glass Replacement	\$190,000
ETSU	Accessibility and Code Corrections	\$2,000,000
TTC Dickson	ADA Accessibility Corrections	\$160,000
TTC Hartsville	Accessibility and Code Corrections	\$240,000
TTC Pulaski	Life Safety/ADA Updates	\$360,000
Pellissippi	Fire Code Corrections	\$210,000
TTU	Various Buildings Roof Replacements	\$690,000
<b>TBR 2013-14 Total</b>		<b>\$60,560,000</b>

University of Tennessee		Total
UTC	Central Energy System Expansion	\$8,700,000
UTM	Building Envelope Upgrade	\$2,350,000
UTK	Cumberland Avenue Steam Line Replacement	\$6,000,000
UTHSC	General Education Building Improvements	\$5,000,000
UTIA	Roof & Mechanical System Maintenance - West TN REC/Milan	\$3,100,000
UTM	Upgrade Steam Lines	\$4,000,000
UTC	Electrical Distribution System Expansion	\$3,200,000
UTK	Chiller Systems Improvements	\$5,000,000
UTM	Earth and Planetary Sciences Lab Improvements	\$3,150,000
UTIA	REC Greenhouse Improvements	\$1,250,000
UTC	Building Exterior Repairs	\$2,500,000
<b>UT 2013-14 Total</b>		<b>\$44,250,000</b>

	Projects	Total
<b>TBR</b>	<b>58</b>	<b>\$60,560,000</b>
<b>UT</b>	<b>11</b>	<b>\$44,250,000</b>
<b>Total</b>	<b>69</b>	<b>\$104,810,000</b>

**ATTACHMENT V**  
**THEC Disclosure of Revenue-Funded Capital Projects 2013-14**

**TENNESSEE BOARD OF REGENTS**

Institution	Project	Funding Source	Project Cost	New						
				Sq.Ft.	TSSBA	Gifts	Grants	Auxiliary	Operating	
APSU	AP Bowl Renovation	Plant Funds Non-Auxiliary	\$1,500,000	0	\$0	\$0	\$0	\$0	\$0	\$1,500,000
APSU	Baseball Field Lighting Replacement	Plant Funds Non-Auxiliary	\$600,000	0	\$0	\$0	\$0	\$0	\$0	\$600,000
APSU	Farm Building Replacement	Plant Funds Non-Auxiliary	\$280,000	0	\$0	\$0	\$0	\$0	\$0	\$280,000
APSU	Intermodal Transportation Facility	Federal Grant	\$19,000,000	0	\$0	\$0	\$19,000,000	\$0	\$0	\$0
APSU	Shasteen Storage Building	Plant Funds Non-Auxiliary	\$140,000	7,500	\$0	\$0	\$0	\$0	\$0	\$140,000
APSU	Strawberry Alley Renovation	Plant Funds Non-Auxiliary	\$1,300,000	0	\$0	\$0	\$0	\$0	\$0	\$1,300,000
ETSU	Baseball Stadium Upgrades	Gifts	\$4,500,000	12,000	\$0	\$4,500,000	\$0	\$0	\$0	\$0
ETSU	Campus Green Space	Plant Funds Non-Auxiliary	\$1,000,000	0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
ETSU	DP Culp Center Renovation	Plant Funds - Auxiliary - Student Fees	\$3,500,000	0	\$0	\$0	\$0	\$0	\$3,500,000	\$0
ETSU	Indoor Tennis Complex Construction	Plant Funds - Athletics & Gifts	\$2,000,000	60,000	\$0	\$1,985,000	\$0	\$0	\$0	\$15,000
ETSU	Post Office Renovation	Plant Funds Non-Auxiliary	\$600,000	0	\$0	\$0	\$0	\$0	\$0	\$600,000
ETSU	Stone Hall Renovations	Plant Funds Non-Auxiliary	\$3,500,000	0	\$0	\$0	\$0	\$0	\$0	\$3,500,000
TSU	Parking Lot Gate and Control Improvements	Plant Funds Non-Auxiliary	\$300,000	1,000	\$0	\$0	\$0	\$0	\$0	\$300,000
TTU	Fitness Center Fire Alarm System Update	Plant Funds - Auxiliary - Student Fees	\$150,000	0	\$0	\$0	\$0	\$0	\$150,000	\$0
TTU	Steam Plant Boiler Conversion	Plant Funds & Federal Grant	\$1,850,000	0	\$0	\$0	\$250,000	\$0	\$0	\$1,600,000
UM	Annex Facility Completion	Gifts	\$400,000	0	\$0	\$400,000	\$0	\$0	\$0	\$0
UM	Mynders Hall Fire Alarm Replacement	Plant Funds - Auxiliary - Housing	\$300,000	0	\$0	\$0	\$0	\$0	\$300,000	\$0
UM	Wilder Tower Renovations	Plant Funds Non-Auxiliary	\$500,000	0	\$0	\$0	\$0	\$0	\$0	\$500,000
Motlow	Powers Auditorium Renovations	Gifts	\$650,000	0	\$0	\$650,000	\$0	\$0	\$0	\$0
Northeast	Campus Paving Replacement	Plant Funds Non-Auxiliary	\$180,000	0	\$0	\$0	\$0	\$0	\$0	\$180,000
Pellissippi	Division Street Expansion	Plant Funds Non-Auxiliary	\$2,000,000	0	\$0	\$0	\$0	\$0	\$0	\$2,000,000
Pellissippi	Division Street Renovations	Plant Funds (Reserves)	\$650,000	0	\$0	\$0	\$0	\$0	\$0	\$650,000
Roane	Baseball and Softball Field Improvements	Plant Funds Non-Auxiliary	\$500,000	0	\$0	\$0	\$0	\$0	\$0	\$500,000
Roane	Security/Surveillance System Update	Plant Funds Non-Auxiliary	\$500,000	0	\$0	\$0	\$0	\$0	\$0	\$500,000
Volunteer	Campus Mechanical Upgrades	Plant Funds Non-Auxiliary	\$2,400,000	0	\$0	\$0	\$0	\$0	\$0	\$2,400,000
Volunteer	Duffer Plaza Site Improvements	Plant Funds Non-Auxiliary	\$600,000	0	\$0	\$0	\$0	\$0	\$0	\$600,000
Volunteer	Loop Road Extension	Plant Funds Non-Auxiliary	\$3,000,000	0	\$0	\$0	\$0	\$0	\$0	\$3,000,000
Volunteer	New Maintenance Equipment Building	Plant Funds Non-Auxiliary	\$120,000	2,400	\$0	\$0	\$0	\$0	\$0	\$120,000
Volunteer	New Robertson County Academic Building	Gifts and Plant Funds	\$3,650,000	10,000	\$0	\$1,650,000	\$0	\$0	\$0	\$2,000,000
Volunteer	Paving, Parking, and Traffic Improvements	Plant Funds Non-Auxiliary	\$2,200,000	0	\$0	\$0	\$0	\$0	\$0	\$2,200,000
Volunteer	Wood Campus Center Cafeteria Renovations	Plant Funds Non-Auxiliary	\$3,000,000	0	\$0	\$0	\$0	\$0	\$0	\$3,000,000
Walters	Campus Entrance Corrections	Plant Funds Non-Auxiliary	\$730,000	0	\$0	\$0	\$0	\$0	\$0	\$730,000
TTC Nashville	Parking Lot Repairs	Plant Funds (Renewals and Replacement Funds)	\$110,000	0	\$0	\$0	\$0	\$0	\$0	\$110,000
<b>Projects proposed for TSSBA funding</b>										
Statewide	Energy Savings Initiatives	TSSBA (energy savings)	\$25,000,000	0	\$25,000,000	\$0	\$0	\$0	\$0	\$0
APSU	Sevier Hall HVAC Replacement	TSSBA (rent)	\$1,800,000	0	\$1,800,000	\$0	\$0	\$0	\$0	\$0
ETSU	Campus Housing Renovations	TSSBA (rent)	\$3,310,000	0	\$3,310,000	\$0	\$0	\$0	\$0	\$0
ETSU CoM	Johnson City Family Medicine Facility Construction	TSSBA (Clinic) & Auxiliary (Fam. Med. R&R)	\$7,750,000	20,000	\$7,725,000	\$0	\$0	\$25,000	\$0	\$0
UM	Energy Conservation	TSSBA (energy savings)	\$15,000,000	0	\$15,000,000	\$0	\$0	\$0	\$0	\$0
UM	Norriswood Parking Garage Construction	TSSBA (parking) & Aux (food services)	\$22,100,000	300,000	\$20,500,000	\$0	\$0	\$1,600,000	\$0	\$0
<b>Capital Outlay Match Funds<sup>1</sup></b>										
UM	Community Health Facility	Plant Funds Non-Auxiliary	\$14,712,500	176,572	\$0	\$0	\$0	\$0	\$0	\$14,712,500
<b>39 Projects</b>	<b>TOTAL TBR DISCLOSED PROJECTS</b>		<b>\$136,670,000</b>	<b>412,900</b>	<b>\$73,335,000</b>	<b>\$9,185,000</b>	<b>\$19,250,000</b>	<b>\$5,575,000</b>		<b>\$29,325,000</b>

1- Project costs represent the remaining 2013-14 match funds associated with the recommended capital outlay project found in Attachment I. These funds are being disclosed in the event that they are brought forward to the TSSBA for consideration.

**ATTACHMENT V**  
**THEC Disclosure of Revenue-Funded Capital Projects 2013-14**

UNIVERSITY OF TENNESSEE

Institution	Project	Funding Source	Project Cost	New		TSSBA	Gifts	Grants	Auxiliary	Operating
				Sq.Ft.						
UTC	Dining Services Improvements	Plant Funds - Auxiliary - Food Service	\$1,500,000	0		\$0	\$0	\$0	\$1,500,000	\$0
UTC	Arena Renovations	Plant Funds - Non-Auxiliary; Gifts	\$3,100,000	0		\$0	\$1,500,000	\$0	\$0	\$1,600,000
UTC	Portable Buildings	Plant Funds - Non-Auxiliary	\$1,200,000	0		\$0	\$0	\$0	\$0	\$1,200,000
UTK	Campus Beautification Projects	Plant Funds - Non-Auxiliary	\$2,000,000	0		\$0	\$0	\$0	\$0	\$2,000,000
UTK	Environmental Initiatives	Plant Funds - Non-Auxiliary	\$1,500,000	0		\$0	\$0	\$0	\$0	\$1,500,000
UTK	Renovations for Governor's Chair	Plant Funds - Non-Auxiliary	\$5,000,000	0		\$0	\$0	\$0	\$0	\$5,000,000
UTK	Laboratories Renovation and Upgrades	Plant Funds - Non-Auxiliary	\$6,000,000	0		\$0	\$0	\$0	\$0	\$6,000,000
UTK	Dining Services Improvements	Plant Funds - Auxiliary - Dining Service	\$600,000	0		\$0	\$0	\$0	\$600,000	\$0
UTK	Parking Garage and Lot Repairs	Plant Funds - Auxiliary - Parking	\$1,500,000	0		\$0	\$0	\$0	\$1,500,000	\$0
UTK	Deferred Maintenance	Plant Funds - Non-Auxiliary	\$11,000,000	0		\$0	\$0	\$0	\$0	\$11,000,000
UTK	Classroom Upgrades	Plant Funds - Non-Auxiliary	\$5,000,000	0		\$0	\$0	\$0	\$0	\$5,000,000
UTK	Cumberland Avenue Space Renovations	Plant Funds - Auxiliary - Bookstore & Dining Serv	\$2,500,000	0		\$0	\$0	\$0	\$2,500,000	\$0
UTM	Dining Services Improvements	Plant Funds - Auxiliary - Food Service	\$2,000,000	0		\$0	\$0	\$0	\$2,000,000	\$0
<b>Projects proposed for TSSBA funding</b>										
UTC	West Campus Parking Garage/Housing Complex	TSSBA	\$77,500,000	0		\$77,500,000	\$0	\$0	\$0	\$0
UTHSC	Cancer Research Building - Completion of 4th Floor	TSSBA	\$4,800,000	0		\$4,800,000	\$0	\$0	\$0	\$0
UTHSC	Pharmacy Building - Completion of 6th Floor	TSSBA	\$5,000,000	0		\$5,000,000	\$0	\$0	\$0	\$0
UTK	Student Recreation Renovations/Improvements	Plant Funds - Auxiliary (Student Fees); TSSBA	\$30,000,000	0		\$25,000,000	\$0	\$0	\$5,000,000	\$0
UTK	Joint Institutes for Advanced Materials Sciences Phase II	Plant Funds - Non-Auxiliary; TSSBA	\$10,000,000	0		\$5,000,000	\$0	\$0	\$0	\$5,000,000
<b>Capital Outlay Match Funds<sup>1</sup></b>										
UTK	Science Laboratory Facility (13th & Cumberland)	Plant Funds - Non-Auxiliary	\$15,750,000	222,000		\$0	\$0	\$0	\$0	\$15,750,000
<b>19 Projects</b>	<b>TOTAL UT DISCLOSED PROJECTS</b>		<b>\$170,200,000</b>	<b>-</b>		<b>\$117,300,000</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$13,100,000</b>	<b>\$38,300,000</b>
<b>58 Projects</b>	<b>TOTAL TBR &amp; UT DISCLOSED PROJECTS</b>		<b>\$306,870,000</b>	<b>412,900</b>		<b>\$190,635,000</b>	<b>\$10,685,000</b>	<b>\$19,250,000</b>	<b>\$18,675,000</b>	<b>\$67,625,000</b>

1- Project costs represent the remaining 2013-14 match funds associated with the recommended capital outlay project found in Attachment I. These funds are being disclosed in the event that they are brought forward to the TSSBA for consideration.

**ATTACHMENT VI**  
**THEC Five-Year Plan for Capital Projects - Out Years**  
**2014-15 through 2017-18**

		A	B	C	D = (A*B) - C	E = A - C - D
		Total	Target	Full Planning	Match Funds	State Funds
<b>TBR Capital Outlay Out Years</b>		<b>Project Cost</b>	<b>Match</b>	<b>Funds<sup>1</sup></b>	<b>Less Planning<sup>2</sup></b>	<b>Request</b>
TTCs	Chattanooga, Jackson, Paris, and Shelbyville Additions	\$17,940,000	5%	\$800,000	\$97,000	\$17,043,000
APSU	Trahern Building Addition and Renovation	\$20,260,000	25%	\$1,000,000	\$4,065,000	\$15,195,000
Jackson	Health Sciences Building	\$16,580,000	10%	\$1,000,000	\$658,000	\$14,922,000
ETSU	Fine Arts Classroom Building	\$37,820,000	25%	\$1,500,000	\$7,955,000	\$28,365,000
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%	TBD from Match	\$7,037,500	\$24,712,500
MTSU	Academic Classroom Building	\$28,500,000	25%	TBD from Match	\$7,125,000	\$21,375,000
Statewide	Community Colleges Additions and Renovations	\$28,650,000	10%	TBD from Match	\$2,865,000	\$25,785,000
Statewide	TTCs Additions and Renovations	\$12,700,000	5%	TBD from Match	\$635,000	\$12,065,000
Statewide	Un-prioritized Projects	\$33,000,000				\$33,000,000
Statewide	Un-prioritized Projects	\$150,000,000				\$150,000,000
Statewide	Un-prioritized Projects	\$150,000,000				\$150,000,000
<b>TBR Total</b>		<b>\$648,630,000</b>		<b>TBD from Match</b>	<b>\$53,595,000</b>	<b>\$583,685,000</b>

		Total	Target	Full Planning	Match Funds	State Funds
<b>UT Capital Outlay Out Years</b>		<b>Total</b>	<b>Match</b>	<b>Funds<sup>1</sup></b>	<b>Less Planning<sup>2</sup></b>	<b>Request</b>
UTK	Academic and Instruction Support Facility (Melrose)	\$80,925,000	25%	\$3,000,000	\$15,750,000	\$62,175,000
UTM	Fine Arts Renovation and Addition Phase II	\$13,800,000	25%	\$500,000	\$2,950,000	\$10,350,000
UTC	Life Sciences Laboratory Building	\$59,500,000	25%	\$3,000,000	\$11,875,000	\$44,625,000
UTIA	Energy and Environmental Science Building	\$45,450,000	10%	\$2,000,000	\$2,545,000	\$40,905,000
UTK	Life Sciences and Laboratory Facility (Walters)	\$100,000,000	25%	\$3,000,000	\$15,750,000	\$81,250,000
UTIA	Interdisciplinary Residential and Education Greenhouses	\$4,000,000	10%	TBD from Match	\$400,000	\$3,600,000
UTK	Classroom and Laboratory Facility (Harris)	\$30,000,000	25%	TBD from Match	\$7,500,000	\$22,500,000
UTC	Academic Classroom Renovations	\$31,500,000	25%	TBD from Match	\$7,875,000	\$23,625,000
UTM	Classroom and Laboratory Renovation and Addition	\$45,500,000	25%	TBD from Match	\$11,375,000	\$34,125,000
UTC	Health Sciences Building	\$49,100,000	25%	TBD from Match	\$12,275,000	\$36,825,000
UTK	Nursing Building Renovation and Addition	\$45,000,000	25%	TBD from Match	\$11,250,000	\$33,750,000
UTHSC	Academic and Laboratory Facilities Improvements	\$20,000,000	10%	TBD from Match	\$2,000,000	\$18,000,000
UTK	Engineering Services Facility	\$35,000,000	25%	TBD from Match	\$8,750,000	\$26,250,000
UTIA	West Tennessee 4-H Center	\$36,030,000	10%	TBD from Match	\$3,603,000	\$32,427,000
UTHSC	Pauline Building System	\$20,000,000	10%	TBD from Match	\$2,000,000	\$18,000,000
<b>UT Total</b>		<b>\$615,805,000</b>		<b>TBD from Match</b>	<b>\$115,898,000</b>	<b>\$488,407,000</b>

		Total	Target	Full Planning	Match Funds	State Funds
<b>Capital Maintenance Out Years</b>		<b>Total</b>	<b>Match</b>	<b>Funds<sup>1</sup></b>	<b>Less Planning<sup>2</sup></b>	<b>Request</b>
<b>TBR Total</b>		\$305,835,000	NA	\$0	\$0	\$305,835,000
<b>UT Total</b>		\$0	NA	\$0	\$0	\$0

		Total	Target	Institution Funds		State Funds
<b>Total Out Years</b>		<b>Total</b>	<b>Match</b>	<b>Full Planning</b>	<b>Match Funds</b>	<b>State Funds</b>
				<b>Funds<sup>1</sup></b>	<b>Less Planning<sup>2</sup></b>	<b>Request</b>
<b>Total Capital Outlay Out Years 2014-15 through 2017-18</b>		\$1,264,435,000	5%-25%	TBD from Match	\$169,493,000	\$1,072,092,000
<b>Total Capital Maintenance Out Years 2014-15 through 2017-18</b>		\$305,835,000	NA	\$0	\$0	\$305,835,000
<b>Total Capital Investment 2014-15 through 2017-18</b>		<b>\$1,570,270,000</b>	<b>NA</b>	<b>TBD from Match</b>	<b>\$169,493,000</b>	<b>\$1,377,927,000</b>

1- Full planning funds come from the institutional match. Some planning funds have not yet been broken out from total match funds. The UTK Academic & Instruction Support Facility, the UTM Fine Arts building, the UTK Life Sciences Lab and the UTIA Science building expended planning funds in 2012-13. The UTK Life Sciences Building and all TBR projects with identified planning funds will expend these funds in 2013-14.

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

## ATTACHMENT VII

### THEC Five-Year Plan for Capital Maintenance Projects - Out Years 2014-15 through 2017-18

Tennessee Board of Regents			Total
2014-15	UM	Various Roof Replacements	\$4,100,000
2014-15	TTC Knoxville	Campus Roof Replacement Phase II	\$410,000
2014-15	TTC Memphis	Administration and Education Buildings Roof Replacements	\$520,000
2014-15	Cleveland	Various Buildings HVAC Updates	\$400,000
2014-15	Chattanooga	Cooling Tower Replacement	\$500,000
2014-15	TSU	Tunnel Utility Piping Updates	\$2,500,000
2014-15	APSU	Claxton Building HVAC Corrections	\$1,250,000
2014-15	TTU	Craft Center Sewage Treatment Plant Replacement	\$320,000
2014-15	APSU	Central Fire Monitoring Update	\$140,000
2014-15	Walters	Greeneville Campus Mechanical Corrections	\$750,000
2014-15	MTSU	Domestic Water/Sewer Systems Updates	\$510,000
2014-15	ETSU	Campus Wide Water Line Repairs	\$2,200,000
2014-15	TTU	Roaden University Center Electrical Updates A	\$700,000
2014-15	Roane	Security/Surveillance System Update	\$540,000
2014-15	Volunteer	Campus HVAC Updates	\$500,000
2014-15	MTSU	Peck Hall HVAC Update	\$930,000
2014-15	MTSU	Campus Stormwater Plan	\$590,000
2014-15	MTSU	Several Buildings Exterior Repairs	\$1,100,000
2014-15	MTSU	Murphy Center Exterior Door Repair	\$680,000
2014-15	Pellissippi	Campus Paving Repairs	\$500,000
2014-15	UM	Several Building Envelope Repairs	\$3,000,000
2014-15	TTC McMinnville	Campus Restrooms Updates	\$430,000
2014-15	Roane	Technology Building Roof Replacement	\$200,000
2014-15	Jackson	Science Building Roof Replacement	\$390,000
2014-15	Chattanooga	CETAS Modifications and Updates Phase I	\$850,000
2014-15	Motlow	Underground Waterlines Replacement Phase III	\$350,000
2014-15	Dyersburg	Glover/Eller Buildings Mechanical Updates Phase II	\$310,000
2014-15	APSU	Music Mass Communications HVAC Replace Phase I	\$1,180,000
2014-15	TTC Hohenwald	HVAC System Updates	\$100,000
2014-15	Columbia	Mechanical Repair & Replacement	\$2,200,000
2015-16	Walters	Chiller and Cooling Tower Replacement	\$750,000
2015-16	Columbia	Warf Building HVAC Updates Phase III	\$600,000
2015-16	UM	Campus Electrical Update	\$4,500,000
2015-16	Southwest	Macon Academic Building Envelope Corrections	\$1,240,000
2015-16	MTSU	Campus Sidewalk Repairs	\$350,000
2015-16	TSU	Entrance Colonnade Repairs	\$2,500,000
2015-16	TTU	Several Buildings Upgrades B	\$1,550,000
2015-16	UM	Building Code and Safety Updates B	\$4,000,000
2015-16	UM	Various Buildings Asbestos Abatement	\$1,000,000
2015-16	Columbia	Several Buildings Roof Replacement	\$290,000
2015-16	Roane	Oak Ridge Campus Roof Replacement	\$1,140,000
2015-16	Roane	O'Brien Building Roof Replacement	\$360,000
2015-16	TTC Harriman	HVAC System Replacement Phase II	\$360,000
2015-16	APSU	Music Mass Communication HVAC Replace Phase II	\$1,180,000
2015-16	ETSU	Electrical Repair & Replacement	\$2,500,000

Tennessee Board of Regents (continued)			Total
2015-16	Columbia	Powerhouse System Repairs	\$250,000
2015-16	ETSU	Several Buildings Systems Repair	\$1,000,000
2015-16	TTU	Roaden University Center Electrical Updates B	\$3,160,000
2015-16	Dyersburg	Glover/Eller Buildings Mechanical Updates Phase III	\$310,000
2015-16	TTC Ripley	HVAC Updates	\$250,000
2015-16	TTC Chattanooga	Shop HVAC Updates	\$320,000
2015-16	TSU	Several Buildings HVAC Updates	\$1,750,000
2015-16	APSU	Campus Fire Alarm Modernization Phase I	\$1,050,000
2015-16	Walters	Humanities Corrections	\$1,000,000
2015-16	UM	Academic Facilities HVAC Replacement	\$5,500,000
2015-16	Dyersburg	Gymnasium Mechanical Updates	\$180,000
2015-16	APSU	Campus Fire Alarm Modernization Phase II	\$1,050,000
2015-16	TSU	Campus Plumbing Updates	\$2,000,000
2016-17	TTU	Derryberry Hall Systems Replacement A	\$3,160,000
2016-17	TTC Covington	Electrical Updates	\$120,000
2016-17	TTC Hartsville	Campus HVAC Updates	\$560,000
2016-17	UM	Several Buildings HVAC System Updates	\$4,550,000
2016-17	APSU	Dunn Center HVAC Updates	\$1,500,000
2016-17	TTC Hartsville	Electrical Updates	\$810,000
2016-17	TTU	Health and P.E. Building Mechanical Replacement A	\$3,100,000
2016-17	Cleveland	Career Education Building Updates	\$2,200,000
2016-17	TSU	Campus Wide Elevator Replacements	\$4,500,000
2016-17	APSU	Dunn Center HVAC Updates	\$1,500,000
2016-17	Cleveland	High Voltage Updates	\$330,000
2016-17	Roane	Dunbar Building Elevator Replacement	\$440,000
2016-17	TTU	Roaden University Center Electrical Updates C	\$3,160,000
2016-17	TTU	Derryberry Hall Systems Replacement B	\$3,160,000
2016-17	TSU	Underground Utility Updates	\$2,500,000
2016-17	TTU	Health and P.E. Building Mechanical Replacement B	\$3,100,000
2016-17	TSU	Electrical Distribution Updates	\$2,500,000
2016-17	TTU	Roaden University Center Electrical Updates D	\$2,440,000
2016-17	TSU	Campus Center Updates	\$2,500,000
2016-17	Motlow	Marcum Building HVAC Modernization	\$100,000
2016-17	TTU	Several Buildings Waterproof and Exterior Repairs A	\$3,130,000
2017-18	TSU	IT Infrastructure Upgrades	\$2,500,000
2017-18	TTU	Several Buildings Waterproof and Exterior Repairs B	\$2,700,000
2017-18	Motlow	Central Power Plant Boiler Modernization	\$1,020,000
2017-18	Motlow	Center Power Plant Motor Replacements	\$200,000
2017-18	Motlow	McMinnville Campus Geothermal Modernization	\$730,000
2017-18	Motlow	Fayetteville Campus Geothermal Modernization	\$610,000
2017-18	TTC Morristown	Parking Lot Repairs	\$100,000
2017-18	TTC Ripley	Campus Parking Lot Updates	\$130,000
2017-18	TTC Jackson	Campus Wide Repaving	\$260,000
2017-18	TTC Paris	Resurface Parking Lots	\$260,000
2017-18	TSU	Campus Window Replacements	\$1,500,000

## ATTACHMENT VII

### THEC Five-Year Plan for Capital Maintenance Projects - Out Years 2014-15 through 2017-18

Tennessee Board of Regents (continued)			Total
2017-18	TTC Chattanooga	Courtyard Repairs	\$380,000
2017-18	TTC Knoxville	Campus Maintenance Repairs	\$100,000
2017-18	TTC Memphis	Door and Hardware Replacement	\$100,000
2017-18	TTC Covington	Door and Hardware Replacement	\$160,000
2017-18	TTC Hartsville	Exterior and Interior Updates	\$920,000
2017-18	Motlow	Several Buildings Exterior Repairs	\$1,040,000
2017-18	TSU	Access Control and Locking Updates	\$3,000,000
2017-18	Roane	Campus Wide Paving	\$460,000
2017-18	Motlow	Parking and Roadway Repaving	\$990,000
2017-18	TSU	McMinnville Campus Roof and Envelope Repairs	\$2,500,000
2017-18	TTC Shelbyville	Floor Refurbishments	\$170,000
2017-18	TTC Covington	Restroom Updates	\$190,000
2017-18	Chattanooga	CETAS Modifications and Updates Phase II	\$1,080,000
2017-18	TTC Paris	Restroom Updates	\$50,000
2017-18	TTC Morristown	Restroom Updates	\$100,000
2017-18	TTC Dickson	Restroom Repairs	\$130,000
2017-18	Columbia	Several Buildings Restroom Updates	\$320,000
2017-18	TTC Paris	Automatic Door Installations	\$30,000
2017-18	TTC Ripley	Campus Flooring Updates	\$150,000
2017-18	TTC Chattanooga	Auto Body Shop Interior Corrections	\$350,000
2017-18	Chattanooga	CETAS Modifications and Updates Phase III	\$1,070,000
2017-18	UM	Wilder Tower Updates	\$4,900,000
2017-18	Columbia	Gymnasium Updates	\$300,000
2017-18	Motlow	Several Buildings Interior Repairs	\$570,000
<b>TBR Out Years Total</b>		<b>114 Projects</b>	<b>\$142,720,000</b>

## ATTACHMENT VII

### THEC Five-Year Plan for Capital Maintenance Projects - Out Years 2014-15 through 2017-18

University of Tennessee			Total
2014-15	UTIA	REC Roof Replacement	\$1,000,000
2014-15	UTK	UTSI - Building Improvements	\$3,000,000
2014-15	UTIA	Ridley 4-H Improvements	\$3,830,000
2014-15	UTC	Elevator Upgrades	\$2,600,000
2014-15	UTK	Science Engineering System Improvements	\$9,000,000
2014-15	UTHSC	Hyman Building System	\$6,000,000
2014-15	UTK	Electrical Distribution Improvements	\$3,500,000
2014-15	UTC	Brock Hall Improvements	\$3,900,000
2014-15	UTM	Sociology Building HVAC Upgrade	\$2,800,000
2014-15	UTC	Doctor's Building Improvements	\$5,700,000
2015-16	UTHSC	SAC Auditorium Upgrades	\$5,000,000
2015-16	UTIA	REC - Paving and Fencing Improvements	\$2,226,000
2015-16	UTK	Dabney Buehler and System Upgrades	\$2,000,000
2015-16	UTM	Earth and Planetary Science Building HVAC Phase I	\$4,165,000
2015-16	UTC	Cadek Hall Improvements	\$1,800,000
2015-16	UTHSC	Replace Washers and Sterilizers	\$1,000,000
2015-16	UTIA	Reinstate Handling Facilities and Equipment and Chemical Stor	\$1,331,000
2015-16	UTK	HVAC Control System Consolidation	\$6,000,000
2015-16	UTM	Paul Meek Library HVAC Control Improvement	\$2,920,000
2015-16	UTC	Guerry Center Improvements	\$1,950,000
2015-16	UTHSC	Upgrade Restroom Campus Wide	\$2,500,000
2015-16	UTIA	Blount Farm Improvements	\$2,115,000
2015-16	UTK	Andy Holt Tower Improvements	\$6,000,000
2015-16	UTM	Clement Hall HVAC and Electrical Improvements	\$2,974,000
2015-16	UTC	MacLellan Gymnasium Improvements	\$1,900,000
2015-16	UTHSC	Hyman Building HVAC and Lighting Improvements	\$3,000,000
2015-16	UTIA	REC Livestock Housing Improvements	\$1,113,000
2015-16	UTK	Electrical Distribution Improvements	\$14,000,000
2015-16	UTM	Hall Moody HVAC Upgrades	\$4,864,000
2015-16	UTC	Pfeiffer Hall Improvements	\$2,250,000
2015-16	UTHSC	General Education Building Improvements	\$3,500,000
2015-16	UTIA	REC Livestock Waste Handling Improvements	\$668,000
2016-17	UTK	High Pressure Chiller Replacement	\$3,000,000
2016-17	UTM	McCombs Building HVAC Upgrades	\$3,550,000
2016-17	UTC	Patten and Danforth Chapel Improvements	\$2,250,000
2016-17	UTHSC	Link Building HVAC Improvements	\$2,000,000
2016-17	UTIA	REC Food Storage and Feeding System Improvements	\$779,000
2016-17	UTK	Communications & Student Services Bldgs. System Improve.	\$12,000,000
2016-17	UTM	Elam Center HVAC Upgrades Phase II	\$3,545,000

University of Tennessee (continued)			Total
2016-17	UTC	McKenzie Arena Improvements	\$6,800,000
2016-17	UTIA	REC and 4-H Center Residences Improvements	\$1,224,000
2016-17	UTK	Steam Distribution System Improvements	\$6,000,000
2016-17	UTM	West TN AG Pavilion and Staling Facility HVAC Improvements	\$2,697,000
2016-17	UTC	Roof Replacements	\$2,500,000
2016-17	UTIA	REC Shop and Equipment Storage Improvements	\$1,224,000
2016-17	UTK	Elevator Upgrades	\$6,000,000
2016-17	UTM	Agriculture Teaching Facilities Upgrades	\$2,141,000
2016-17	UTC	Hunter Hall Improvements	\$1,900,000
2016-17	UTIA	REC Utility Improvements	\$334,000
2016-17	UTK	Fire Safety Upgrades	\$15,000,000
2016-17	UTM	Upgrade Electrical System Campus Wide	\$2,200,000
2016-17	UTC	Roof Replacements	\$1,800,000
2016-17	UTIA	REC Officers and Headquarters Improvements	\$1,113,000
2016-17	UTK	Utility and Energy Conservation Measures	\$10,000,000
2017-18	UTC	ADA/Safety Improvements	\$500,000
2017-18	UTIA	York 4-H Center Improvements	\$3,772,000
2017-18	UTK	Window Replacements	\$5,000,000
2017-18	UTC	Restroom Upgrades	\$500,000
2017-18	UTK	Sidewalk Repairs and Upgrades	\$2,000,000
2017-18	UTC	Carpet Replacement	\$400,000
2017-18	UTK	Water Distribution System Upgrades	\$6,000,000
2017-18	UTK	Storm Sewer Improvements	\$5,000,000
2017-18	UTK	HVAC Controls and System Upgrades	\$6,000,000
2017-18	UTK	Lighting Upgrades	\$5,000,000
2017-18	UTK	Flooring Replacements	\$5,000,000
2017-18	UTK	Asbestos Removal	\$5,000,000
2017-18	UTK	Roof Repairs and Replacement	\$6,000,000
2017-18	UTK	Masonry and Structural Repair	\$6,000,000
2017-18	UTK	Dunford Hall System Upgrades	\$6,000,000
2017-18	UTK	McClung Museum System Upgrades	\$3,000,000
2017-18	UTK	Conference Center Building System Upgrade	\$6,000,000
2017-18	UTK	HPER System Upgrades	\$8,000,000
2017-18	UTK	Nielsen Physics System Upgrade	\$6,000,000
2017-18	UTK	Steam Distribution System Improvements Phase II	\$12,000,000
2017-18	UTK	Pasqua Nuclear Engineering System Upgrade	\$6,000,000
<b>UT Out Years Total</b>			<b>75 Projects</b>
			<b>\$305,835,000</b>

Projects	Total
114 TBR Total Capital Maintenance Projects Out Years	\$142,720,000

# ATTACHMENT VIII

## THEC Five-Year Capital Plan 2013-14 through 2017-18

### 2013-14 (See Detailed Summary in Attachment I)

	Total Project		Match Percentage	Total Match Funds <sup>1</sup>	State Funds Request
	Cost	Projects			
<b>Capital Maintenance</b>					
TBR	\$60,560,000	58		\$0	\$60,560,000
UT	\$44,250,000	11		\$0	\$44,250,000
<b>Total</b>	<b>\$104,810,000</b>	<b>69</b>		<b>\$0</b>	<b>\$104,810,000</b>
<b>Capital Outlay</b>					
TBR	\$182,260,000	5	10%-25%	\$26,827,000	\$153,168,000
UT	\$161,500,000	2	10%-25%	\$25,600,000	\$135,900,000
<b>Total</b>	<b>\$343,760,000</b>	<b>7</b>		<b>\$52,427,000</b>	<b>\$289,068,000</b>
<b>Full Planning</b>					
TBR	\$9,300,000	6		\$9,300,000	\$0
UT	\$3,000,000	1		\$3,000,000	\$0
<b>Total</b>	<b>\$12,300,000</b>	<b>7</b>		<b>\$12,300,000</b>	<b>\$0</b>
<b>Total Capital Investment</b>	<b>\$460,870,000</b>	<b>83</b>		<b>\$64,727,000</b>	<b>\$393,878,000</b>

### 2014-15

	Total Project		Match Percentage	Total Match Funds <sup>1</sup>	State Funds Request
	Cost	Projects			
<b>Capital Maintenance</b>					
TBR	\$28,150,000	30		\$0	\$28,150,000
UT	\$28,930,000	7		\$0	\$28,930,000
<b>Total</b>	<b>\$57,080,000</b>	<b>37</b>		<b>\$0</b>	<b>\$57,080,000</b>
<b>Capital Outlay</b>					
TBR	\$190,930,000	6	5%-25%	\$39,970,000	\$150,960,000
UT	\$199,675,000	4	10%-25%	\$41,620,000	\$158,055,000
<b>Total</b>	<b>\$390,605,000</b>	<b>10</b>		<b>\$81,590,000</b>	<b>\$309,015,000</b>
<b>Full Planning</b>					
TBR	\$5,235,000			\$5,235,000	\$0
UT	TBD from Match			TBD	\$0
<b>Total</b>	<b>TBD from Match</b>			<b>TBD</b>	<b>\$0</b>
<b>Total Capital Investment</b>	<b>\$452,920,000</b>	<b>47</b>		<b>\$86,825,000</b>	<b>\$366,095,000</b>

### 2015-16

	Total Project		Match Percentage	Total Match Funds <sup>1</sup>	State Funds Request
	Cost	Projects			
<b>Capital Maintenance</b>					
TBR	\$40,140,000	28		\$0	\$40,140,000
UT	\$79,258,000	22		\$0	\$79,258,000
<b>Total</b>	<b>\$119,398,000</b>	<b>50</b>		<b>\$0</b>	<b>\$119,398,000</b>
<b>Capital Outlay</b>					
TBR	\$157,700,000	6	5%-25%	\$22,925,000	\$132,725,000
UT	\$111,000,000	4	10%-25%	\$27,150,000	\$83,850,000
<b>Total</b>	<b>\$268,700,000</b>	<b>10</b>		<b>\$50,075,000</b>	<b>\$216,575,000</b>
<b>Full Planning</b>					
TBR	TBD from Match			TBD	\$0
UT	TBD from Match			TBD	\$0
<b>Total</b>	<b>\$0</b>			<b>\$0</b>	<b>\$0</b>
<b>Total Capital Investment</b>	<b>\$388,098,000</b>	<b>60</b>		<b>\$50,075,000</b>	<b>\$335,973,000</b>

### 2016-17

	Total Project		Match Percentage	Total Match Funds <sup>1</sup>	State Funds Request
	Cost	Projects			
<b>Capital Maintenance</b>					
TBR	\$45,360,000	21		\$0	\$45,360,000
UT	\$65,238,000	19		\$0	\$65,238,000
<b>Total</b>	<b>\$110,598,000</b>	<b>40</b>		<b>\$0</b>	<b>\$110,598,000</b>
<b>Capital Outlay</b>					
TBR	\$150,000,000	10	5%-25%	TBD	\$150,000,000
UT	\$114,100,000	3	10%-25%	\$25,525,000	\$88,575,000
<b>Total</b>	<b>\$264,100,000</b>	<b>13</b>		<b>\$25,525,000</b>	<b>\$238,575,000</b>
<b>Full Planning</b>					
TBR	TBD from Match			TBD	\$0
UT	TBD from Match			TBD	\$0
<b>Total</b>	<b>\$0</b>			<b>\$0</b>	<b>\$0</b>
<b>Total Capital Investment</b>	<b>\$374,698,000</b>	<b>53</b>		<b>\$25,525,000</b>	<b>\$349,173,000</b>

### 2017-18

	Total Project		Match Percentage	Total Match Funds <sup>1</sup>	State Funds Request
	Cost	Projects			
<b>Capital Maintenance</b>					
TBR	\$29,070,000	35		\$0	\$29,070,000
UT	\$92,085,000	21		\$0	\$92,085,000
<b>Total</b>	<b>\$121,155,000</b>	<b>56</b>		<b>\$0</b>	<b>\$121,155,000</b>
<b>Capital Outlay</b>					
TBR	\$150,000,000	10	5%-25%	TBD	\$150,000,000
UT	\$91,030,000	3	10%-25%	\$14,353,000	\$76,677,000
<b>Total</b>	<b>\$241,030,000</b>	<b>13</b>		<b>\$14,353,000</b>	<b>\$226,677,000</b>
<b>Full Planning</b>					
TBR	TBD from Match			TBD	\$0
UT	TBD from Match			TBD	\$0
<b>Total</b>	<b>\$0</b>			<b>\$0</b>	<b>\$0</b>
<b>Total Capital Investment</b>	<b>\$362,185,000</b>	<b>69</b>		<b>\$14,353,000</b>	<b>\$347,832,000</b>

### Five-Year Total

	Total Project		Match Percentage	Total Match Funds <sup>1</sup>	State Funds Request
	Cost	Projects			
<b>Capital Maintenance</b>					
TBR	\$203,280,000	172		\$0	\$203,280,000
UT	\$309,761,000	80		\$0	\$309,761,000
<b>Total</b>	<b>\$513,041,000</b>	<b>252</b>		<b>\$0</b>	<b>\$513,041,000</b>
<b>Capital Outlay</b>					
TBR	\$830,890,000	37	5%-25%	\$89,722,000	\$741,168,000
UT	\$677,305,000	16	10%-25%	\$134,248,000	\$543,057,000
<b>Total</b>	<b>\$1,508,195,000</b>	<b>53</b>		<b>\$223,970,000</b>	<b>\$1,284,225,000</b>
<b>Full Planning</b>					
TBR	\$14,535,000	6		\$14,535,000	\$0
UT	\$3,000,000	1		\$3,000,000	\$0
<b>Total</b>	<b>\$17,535,000</b>	<b>7</b>		<b>\$17,535,000</b>	<b>\$0</b>
<b>Total Capital Investment</b>	<b>\$2,038,771,000</b>	<b>312</b>		<b>\$241,505,000</b>	<b>\$1,797,266,000</b>

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