

DATE: November 19, 2015

SUBJECT: 2016-17 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.

In early 2015, Governor Haslam convened a Capital Task Force on Higher Education Infrastructure and Capacity and charged its members with developing long-term strategies to address higher education capital and facilities issues. The Capital Task Force broadened the definition of capital projects to address not only infrastructure but higher education’s ability to deliver and expand program capacity in order to meet Tennesseans’ workforce and education needs. The capital recommendations below incorporate policy options and themes considered by the Capital Task Force.

RECOMMENDATION SUMMARY

Capital Outlay

The capital outlay recommendation for 2016-17 totals \$379.3 million. As shown in Attachment I, this includes four projects for the Tennessee Board of Regents (TBR) totaling \$144.0 million (38 percent of the total), four projects

for the University of Tennessee (UT) system totaling \$225.4 million (59 percent of the total), and, for the top THEC priority, a statewide Drive to 55 Program Capacity Fund totaling \$10.0 million.

Drive to 55 Program Capacity Fund

The Capital Task Force endorsed a policy to establish an annual Drive to 55 Program Capacity Fund — a capital outlay project to be prioritized by THEC as the top request. The fund would be distributed to institutions for specific projects that enhance the workforce development and education attainment capabilities needed to meet the underlying goals of the Drive to 55 and the State Master Plan. Examples of these projects may be startup costs for new academic programs, equipment acquisitions for new or established programs, or renovations of or expansions of space in existing buildings.

Should the request be funded THEC staff will present for approval to Commissioners a detailed process by which to distribute the Drive to 55 Program Capacity Funds. An example of a process is that THEC receives requests for proposals on a quarterly basis, distributing grants of up to a few million dollars to recipients each quarter throughout the fiscal year. The process could utilize the Workforce Subcabinet — which includes representatives from TBR, UT, THEC, the Governor's Office, the Department of Labor and Workforce Development, and the Department of Economic and Community Development — to select recipients. All institutions — both formula and non-formula units — will be eligible to apply.

System-level Capital Outlay Projects

All system-level capital outlay projects include an institutional matching component applicable to the first \$75 million of the total project cost. THEC intends that TBR and UT 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 2015-16, all six capital outlay projects recommended by THEC were funded, totaling \$171.9 million. Two additional projects — equipment purchases for TN Colleges of Applied Technology (\$5.0 million) and the TN Aerothermodynamics Laboratory at UT Space Institute (\$1.0 million) — were funded outside of the THEC recommendation.

Capital Maintenance

Tennessee has consistently funded maintenance projects at a high level. Since 2006-07, capital maintenance funding has averaged \$46.0 million per year. Last year, \$55.5 million of the \$132.9 million recommended by THEC in capital maintenance was allocated by the General Assembly. A consistent theme discussed within the Capital Task Force, however, was the critical level of deferred maintenance. Estimates from TBR and UT suggest that nearly \$500 million of deferred maintenance exist in each system. The Capital Task Force agreed, therefore, that Tennessee should continue to appropriately fund capital maintenance.

The 2016-17 recommendation for capital maintenance for TBR and UT is \$153.8 million. As shown in Attachment IV, this includes 87 projects for TBR totaling \$95.5 million — or 62 percent of the total — and 12 projects for UT totaling \$58.3 million — or 38 percent of the total. Meeting this request will allow each system to limit increases in deferred maintenance.

Disclosure of Revenue-Funded Projects

Projects of this nature are funded through institutional funds, the Tennessee State School Bond Authority, auxiliary funds, or sources other than state appropriations. For 2016-17, TBR and UT are disclosing 42 revenue-funded projects totaling \$120.0 million. As shown in Attachment V, the listing includes 26 revenue-funded projects totaling \$19.9 million for TBR, and 8 revenue-funded projects totaling \$23.9 million for UT. TBR is also disclosing planning funds for three future capital outlay projects totaling \$6.5 million.

Both systems are also disclosing projects identified for funding through the Tennessee School Bond Authority (TSSBA). For 2016-17, TBR is disclosing one project partially funded by TSSBA funds for \$12.0 million, and UT is disclosing four TSSBA-funded projects, totaling \$57.8 million.

ATTACHMENT I

THEC 2016-17 Capital Projects Recommendation Summary

THEC Priority	Capital Outlay	Total Project Cost	2016-17 Project Cost ¹	Match	Total Match Funds ²	Previous Years Match Funds ³	2016-17 Match Funds	State Funds Request
1	* Statewide Drive to 55 Program Capacity Fund	\$ 10,000,000	\$ 10,000,000	NA	NA	NA	NA	\$ 10,000,000
2	UT UTC Academic Classroom Building Renovation (Lupton/Fine Arts)	37,910,000	37,910,000	25%	9,478,000	2,000,000	7,478,000	28,432,000
3	TBR TSU Health Sciences Facility	38,800,000	38,800,000	25%	9,700,000	0	9,700,000	29,100,000
4	UT UTHSC Dentistry Faculty Practice/Research Building	41,000,000	41,000,000	10%	4,100,000	2,000,000	2,100,000	34,700,000
5	TBR TTU Laboratory Science Building and Infrastructure	90,000,000	90,000,000	25%	18,750,000	4,500,000	14,250,000	71,250,000
6	TBR ETSU Lamb Hall Renovation	23,000,000	23,000,000	25%	5,750,000	0	5,750,000	17,250,000
7	UT UTK Engineering Services Facility	110,000,000	110,000,000	25%	18,750,000	3,000,000	15,750,000	91,250,000
8	TBR UM Biochemistry and Biology Facility	36,000,000	35,150,000	25%	8,788,000	1,200,000	7,588,000	26,362,000
9	UT UTIA Energy and Environmental Science Education Research Center (Ellington)	78,500,000	78,500,000	10%	7,500,000	2,000,000	5,500,000	71,000,000
TBR Total		\$ 187,800,000	\$ 186,950,000	25%	\$ 42,988,000	\$ 5,700,000	\$ 37,288,000	\$ 143,962,000
UT Total		\$ 267,410,000	\$ 267,410,000	10%-25%	\$ 39,828,000	\$ 9,000,000	\$ 30,828,000	\$ 225,382,000

Capital Outlay Planning Funds	Total Project Cost	2016-17 Project Cost ¹	Match	Total Match Funds ²	Institutional Planning Funds ⁴	Remaining Match Funds	State Funds Request
TBR MTSU Academic Classroom Building	\$ 30,500,000	NA	25%	\$ 7,625,000	\$ 1,600,000	\$ 6,025,000	NA
TBR CCs Community College Additions and Renovations	29,880,000	NA	10%	2,988,000	2,988,000	0	NA
TBR TCATs TCAT Improvements Phase II	45,800,000	NA	5%	2,290,000	1,920,000	370,000	NA
TBR Total	\$ 106,180,000	NA	5%-25%	\$ 12,903,000	\$ 6,508,000	\$ 6,395,000	NA

Capital Maintenance	Total	Projects	State Funds Request
TBR Total	\$ 95,470,000	87	\$ 95,470,000
UT Total	\$ 58,330,000	12	\$ 58,330,000

Total	Total	Total Match Funds ¹	Projects	State Funds Request
Total Capital Outlay	\$ 465,210,000	\$ 464,360,000	9	\$ 379,344,000
Total Capital Outlay Planning Funds	\$ 106,180,000	NA	3	NA
Total Capital Maintenance	\$ 153,800,000	NA	99	\$ 153,800,000
Total Capital Investment	\$ 725,190,000	\$ 464,360,000	111	\$ 533,144,000

1 - 2016-17 Project Cost is lower than Total Project Cost when an institution received funding from state appropriations or other sources in the years prior to the 2012-13 match requirement. The match component is based on the 2016-17 Project Cost.

2 - Match is required only on the first \$75 million of each capital outlay project. Total Match Funds consist of previous years match funds and 2016-17 match funds.

3 - Institutional funding expended since 2011-12 for project planning.

4 - Funds disclosed in 2016-17 that will be used to meet the requirements of the match.

ATTACHMENT II

2016-17 THEC Capital Outlay Projects Recommendation

THEC Priority	System Priority	Institution	Project Name	A	B	C = A - B	D	E = C * D	F + G = E		H = C - E
				Total Project Cost	Previous Years Funding	2016-17 Project Cost	Match Percentage	Total Match Funds ¹	Previous Years Match Funds ²	2016-17 Match Funds	State Appropriation Request
1	*	Statewide	Drive to 55 Program Capacity Fund	\$ 10,000,000	\$ -	\$ 10,000,000	NA	NA	NA	NA	\$ 10,000,000
2	1	UTC	Academic Classroom Building Renovation (Lupton/Fine Arts)	\$ 37,910,000	\$ -	\$ 37,910,000	25%	\$ 9,478,000	\$ 2,000,000	\$ 7,478,000	\$ 28,432,000
3	1	TSU	Health Sciences Facility	\$ 38,800,000	\$ -	\$ 38,800,000	25%	\$ 9,700,000	\$ -	\$ 9,700,000	\$ 29,100,000
4	2	UTHSC	Dentistry Faculty Practice/Research Building	\$ 41,000,000	\$ -	\$ 41,000,000	10%	\$ 4,100,000	\$ 2,000,000	\$ 2,100,000	\$ 34,700,000
5	2	TTU	Laboratory Science Building and Infrastructure	\$ 90,000,000	\$ -	\$ 90,000,000	25%	\$ 18,750,000	\$ 4,500,000	\$ 14,250,000	\$ 71,250,000
6	3	ETSU	Lamb Hall Renovation	\$ 23,000,000	\$ -	\$ 23,000,000	25%	\$ 5,750,000	\$ -	\$ 5,750,000	\$ 17,250,000
7	3	UTK	Engineering Services Facility	\$ 110,000,000	\$ -	\$ 110,000,000	25%	\$ 18,750,000	\$ 3,000,000	\$ 15,750,000	\$ 91,250,000
8	4	UM	Biochemistry and Biology Facility	\$ 36,000,000	\$ 850,000	\$ 35,150,000	25%	\$ 8,788,000	\$ 1,200,000	\$ 7,588,000	\$ 26,362,000
9	4	UTIA	Energy and Environmental Science Education Research Center (Ellington)	\$ 78,500,000	\$ -	\$ 78,500,000	10%	\$ 7,500,000	\$ 2,000,000	\$ 5,500,000	\$ 71,000,000
2016-17 Special Project Total				\$ 10,000,000	\$ -	\$ 10,000,000	NA	NA	NA	NA	\$ 10,000,000
2016-17 TBR Total				\$ 187,800,000	\$ 850,000	\$ 186,950,000	25%	\$ 42,988,000	\$ 5,700,000	\$ 37,288,000	\$ 143,962,000
2016-17 UT Total				\$ 267,410,000	\$ -	\$ 267,410,000	10%-25%	\$ 39,828,000	\$ 9,000,000	\$ 30,828,000	\$ 225,382,000
2016-17 THEC Capital Outlay Projects Recommendation				\$ 465,210,000	\$ 850,000	\$ 464,360,000	10%-25%	\$ 82,816,000	\$ 14,700,000	\$ 68,116,000	\$ 379,344,000

1 - Match is required only on the first \$75 million of each capital outlay project. Total Match Funds consist of previous years match funds and 2016-17 match funds.

2 - Institutional funding expended since 2011-12 for project planning.

ATTACHMENT III
THEC 2016-17 Capital Outlay Projects Descriptions

THEC Priority	System Priority	System	Institution	Project Name	Total Project Cost	State Request	Project Description
1	*	*	Statewide	Drive to 55 Program Capacity Fund	\$ 10,000,000	\$ 10,000,000	The Capital Task Force endorsed a policy to establish an annual Drive to 55 Program Capacity Fund — a capital outlay project to be prioritized by THEC as the top request. The fund will be distributed to both formula and nonformula institutions that identify specific projects that enhance the workforce development and education attainment capabilities needed to meet the underlying goals of the Drive to 55 and the State Master Plan. Examples of these projects may be startup costs for new academic programs, equipment acquisitions for new or established programs, or renovations of or expansions of space in existing buildings.
2	1	UT	UTC	Academic Classroom Building Renovation (Lupton/Fine Arts)	\$ 37,910,000	\$ 28,432,000	This project expands floor space for the Departments of Art, Theatre, and Music and adds general classrooms and offices for the liberal arts departments. The renovation will take place in the existing Lupton Library (116,000 square feet) and Fine Arts Center (72,300 square feet). The renovation includes the replacement of all mechanical, electrical, and plumbing systems, as well as building finishes, fire alarms, and lighting. Life Safety Code upgrades are also included as necessary. The Fine Arts Center has structural, ceiling, lighting, HVAC, and telecommunication systems that must be upgraded. Additionally, two large theatres and a costume shop must be made ADA compliant. This project also includes the development and build-out of two-story spaces in the art, theatre, and music wings.
3	1	TBR	TSU	Health Sciences Facility	\$ 38,800,000	\$ 29,100,000	This new facility will house the health science programs of nursing, occupational therapy, physical therapy, cardio-respiratory, and health management. The building will include all industry-standard laboratories, model medical facilities, and IT infrastructures needed to prepare students for professional employment. This project demolishes Elliott Hall (56,000 square feet) and a portion of Clement Hall (14,000 square feet). These present buildings suffer from inadequacies in the HVAC system (AASHRAE non-compliant), overcrowding, and mounting deferred maintenance.
4	2	UT	UTHSC	Dentistry Faculty Practice/Research Building	\$ 41,000,000	\$ 34,700,000	This project concerns the construction of a new College of Dentistry building on the Memphis campus. The building will be approximately 66,000 square feet and will connect the existing Dunn Dental Building -- which requires renovations -- to other buildings for the College. This facility will contain the Office of the Dean, the College of Dentistry Faculty Practice, the Dental Hygiene Clinic, and all clinical simulators for dental education.
5	2	TBR	TTU	Laboratory Science Building and Infrastructure	\$ 90,000,000	\$ 71,250,000	This project constructs a new health sciences facility for the relocation and expansion of the Department of Chemistry and modifies existing campus facilities to accommodate the new building. This facility will offer expanded space for the Departments of Chemistry, Biology, and Earth Science, as well as interdisciplinary programs, by providing additional classrooms and research/instrumentation labs. The existing Chemistry building must be demolished due to extensive issues with ventilation and overcrowding.
6	3	TBR	ETSU	Lamb Hall Renovation	\$ 23,000,000	\$ 17,250,000	This project consists of the renovation of Lamb Hall to meet the needs of changing academic programs and the requirements for institutional accreditation due to overcrowding. This facility serves the College of Public and Allied Health, and the renovation will expand classrooms, multi-media spaces, laboratories, and research endeavors. The current building has significant air quality, electrical, and structural concerns.
7	3	UT	UTK	Engineering Services Facility	\$ 110,000,000	\$ 91,250,000	This project consists of the construction of a new engineering facility to house student services, research, and instructional spaces for the College of Engineering and the Department of Nuclear Engineering. The new building will be located near Berry Hall, Estabrook Hall, and Pasqua Engineering Building and will require the demolition and/or repurposing of those buildings.
8	4	TBR	UM	Biochemistry and Biology Facility	\$ 36,000,000	\$ 26,362,000	This new facility will support research in the natural cell sciences (e.g., Biochemistry, Cell and Developmental Biology, and Molecular Biology) to promote excellence in research, post-baccalaureate training, and undergraduate education. This building will include modern laboratories and outreach functions for the Feinstone Institute of Molecular Biology. The current space has outdated research facilities and is often overcrowded.
9	4	UT	UTIA	Energy and Environmental Science Education Research Center (Ellington)	\$ 78,500,000	\$ 71,000,000	After construction, this facility will house teaching laboratories, research and public service labs, offices, new classrooms, a 500-seat teaching and learning center, support facilities, and a space for interdisciplinary and state/community partnerships. This project requires the demolition of the Ellington Plant Science Building, the construction of a new surge facility (20,000 square feet), and the renovation of McCord Hall.

ATTACHMENT IV

THEC 2016-17 Capital Maintenance Projects Recommendation

TENNESSEE BOARD OF REGENTS		Total
TCAT Oneida	Huntsville Building Stabilization and Corrections	\$ 210,000
Walters	ADA and Mechanical Systems Updates	780,000
TCAT Dickson	Roof Replacements (Several Buildings)	550,000
Chattanooga	Instructional Materials Building Roof Replacement	500,000
Roane	Oak Ridge Campus Roof Replacement	450,000
Columbia	Roof Replacements (Several Buildings)	700,000
TBR	Cookeville Higher Education Campus Roof Repair (Statewide)	750,000
TCAT Covington	Roof and Moisture Remediation	270,000
MTSU	Saunders Fine Arts HVAC Updates	1,830,000
ETSU	Stormwater Drainage Repairs	2,000,000
Volunteer	Ramer Building HVAC Updates	400,000
MTSU	Energy Recovery Boiler Repair	880,000
Jackson	Elevator Modernization (Several Buildings)	360,000
APSU	Music/Mass Communications HVAC Replacement	1,530,000
Southwest	Roof Replacements and Envelope Repairs (Several Buildings)	1,110,000
Dyersburg	E. H. Lannom, Jr. Gymnasium Mechanical Updates	310,000
TCATs	Mechanical, Plumbing and Electrical Infrastructure Updates Phase I (Statewide)	1,350,000
Pellissippi	HVAC Updates Phase II (Several Buildings)	750,000
Cleveland	Underground Utility Lines Modernization	750,000
Northeast	Building Automation System Controls Updates	430,000
UM	Building Envelope Repairs Phase I (Several Buildings)	3,000,000
Motlow	Exterior Building Repairs Phase III (Several Buildings)	310,000
TCATs	Maintenance Repairs and Corrections Phase I (Statewide)	190,000
TTU	Several Buildings Upgrades Phase VI (Several Buildings)	2,670,000
TSU	Migration Implementation Phase I	2,620,000
Volunteer	Roof Replacements and Envelope Repairs (Several Buildings)	320,000
Roane	O'Brien Building Roof Replacement	370,000
UM	Business, Jones, and Browning Buildings HVAC Replacements Phase I	2,350,000
MTSU	Electrical Updates (Several Buildings)	1,600,000
Chattanooga	Elevator Updates (Several Buildings)	990,000
MTSU	Building Automation System Control Panel Replacements (Several Buildings)	790,000
Walters	Chiller and Cooling Tower Replacement	780,000
APSU	Browning Hall Mechanical Updates	1,530,000
Jackson	Science Building HVAC Update	520,000
Columbia	Powerhouse System Repairs Phase I	300,000
Southwest	Mechanical Systems Modernization (Several Buildings)	1,110,000
TCAT Covington	Moisture Remediation	450,000
Motlow	Exterior Building Repairs Phase IV (Several Buildings)	310,000
MTSU	Exterior Building Repairs (Several Buildings)	1,630,000
Roane	Campus-wide Paving Phase I	160,000
TTU	Waterproof and Exterior Building Repairs Phase IV (Several Buildings)	1,800,000
Dyersburg	E. H. Lannom, Jr. Gymnasium Interior Repairs	220,000
TTU	Several Buildings Upgrades Phase VII (Several Buildings)	2,670,000
Cleveland	Classroom Renovations (Several Buildings)	330,000
TSU	Migration Implementation Phase II	2,620,000
TCATs	Mechanical, Plumbing and Electrical Infrastructure Updates Phase II (Statewide)	530,000
TCATs	Parking and Paving Repairs Phase I (Statewide)	640,000
TCATs	Security System Updates (Statewide)	330,000
TCATs	Maintenance Repairs and Corrections Phase II (Statewide)	230,000
TCATs	Parking and Paving Repairs Phase II (Statewide)	710,000

ATTACHMENT IV

THEC 2016-17 Capital Maintenance Projects Recommendation

TENNESSEE BOARD OF REGENTS (CONTINUED)		Total
TCATS	Maintenance Repairs and Corrections Phase III (Statewide)	\$ 180,000
ETSU	Accessibility and Code Corrections (Several Buildings)	2,000,000
TCAT Covington	Roof Replacement (Main Building)	410,000
APSU	Roof Replacements (Several Buildings)	2,480,000
UM	Business, Jones, and Browning Buildings HVAC Replacements Phase II	2,350,000
ETSU CoM	Sprinkler Updates (Several Buildings)	500,000
UM	Mitchell Hall and Clement Hall HVAC Updates	3,000,000
Volunteer	Central Plant Cooling Tower Replacement	410,000
MTSU	Domestic Water-Sewer Systems Updates	750,000
Columbia	Powerhouse System Repairs Phase II	100,000
Chattanooga	Electrical Updates (Several Buildings)	980,000
MTSU	Plumbing and Restroom Updates (Several Buildings)	1,500,000
Roane	Campus-wide Paving Phase II	340,000
Dyersburg	Door and Access Replacement (Campus-wide)	220,000
Walters	Claiborne County Campus Exterior Remediation	780,000
ETSU	Memorial Center (Dome) Code Updates	2,500,000
MTSU	Peck Hall Stairwell and Flooring Restoration	450,000
TSU	Migration Implementation Phase III	2,610,000
TCAT Ripley	Interior Updates (Main Building)	240,000
TCAT Ripley	Flooring Updates (Main Building)	170,000
TCATs	Mechanical, Plumbing and Electrical Infrastructure Updates Phase III (Statewide)	960,000
Volunteer	Accessibility Enhancements (Campus-wide)	200,000
MTSU	Maintenance Complex Roof Replacements	850,000
UM	Roof Replacements (Several Buildings)	3,000,000
Northeast	General Studies Roof Replacements (Several Buildings)	600,000
UM	Ellington Hall and Ball Hall HVAC Updates	3,000,000
ETSU	Valleybrook Complex Building Systems Replacements	1,300,000
ETSU CoM	Building 178 Mechanical Updates	2,000,000
Jackson	Walter L. Nelms Classroom Building HVAC Updates	590,000
MTSU	Campus Stormwater Plan	880,000
ETSU	Water Line Repairs (Several Buildings)	2,200,000
Roane	Dunbar Classroom Building Elevator Replacement	440,000
UM	Underground Steam Line Replacement	3,000,000
Columbia	Underground Plumbing and Drainage Repairs	800,000
MTSU	Peck Hall HVAC Updates	1,380,000
Motlow	Exterior Building Repairs Phase V (Several Buildings)	310,000
UM	Building Envelope Repairs Phase II (Several Buildings)	4,000,000
2016-17 TBR Total		\$ 95,470,000

UNIVERSITY OF TENNESSEE		Total
UTK	Window Replacements and Masonry Repairs (Several Buildings)	\$ 5,400,000
UTC	Roof Replacements (Several Buildings)	4,500,000
UTIA	College of Veterinary Medicine Building Improvements Phase II	6,700,000
UTM	Elam Center and Fieldhouse and Clement Hall Roof Replacement and Masonry Repair	3,960,000
UTHSC	Security Upgrades Phase II (Several Buildings)	8,000,000
UTK	HVAC Improvements (Several Buildings)	5,500,000
UTC	West Campus Utility Connections	1,560,000
UTM	Upgrade Steam Lines Phase II	4,330,000
UTHSC	General Education Building Improvements Phase II	6,180,000
UTIA	Ridley 4-H Center Improvements	4,400,000
UTC	Pfeiffer Hall Improvements	4,800,000
UTK/UTSI	UTSI Building Improvements Phase II	3,000,000
2016-17 UT Total		\$ 58,330,000

	Projects	Total
TBR	87	\$ 95,470,000
UT	12	\$ 58,330,000
Total	99	\$ 153,800,000

ATTACHMENT V
THEC Disclosure of Revenue-Funded Capital Projects 2016-17

TENNESSEE BOARD OF REGENTS

Institution	Project	Funding Source	Project Cost	New Sq.Ft.	Gifts	Grants	Auxiliary	Operating
ETSU	Johnson City Day Center	Federal Grant (Health Resources and Services Administration)	\$ 1,000,000	3,050	\$ -	\$ 1,000,000	\$ -	\$ -
ETSU	Outdoor Track and Field Facility	Plant Funds - Auxiliary (Athletics) and Gifts	\$ 4,200,000	0	\$ 4,185,000	\$ -	\$ 15,000	\$ -
UoM	Park Avenue Physical Plant	Plant Funds - Non-Auxiliary	\$ 1,050,000	20,000	\$ -	\$ -	\$ -	\$ 1,050,000
Jackson	Physical Plant Service Building Repairs and Updates	Plant Funds - Non-Auxiliary	\$ 1,000,000	0	\$ -	\$ -	\$ -	\$ 1,000,000
Nashville	Clarksville Modular Space	Plant Funds - Non-Auxiliary	\$ 550,000	40,000	\$ -	\$ -	\$ -	\$ 550,000
Nashville	New Academic Building Parking	Plant Funds - Non-Auxiliary	\$ 490,000	40,000	\$ -	\$ -	\$ -	\$ 490,000
Northeast	Amphitheater Plaza and Stage	Plant Funds - Non-Auxiliary	\$ 500,000	0	\$ -	\$ -	\$ -	\$ 500,000
Pellissippi	Blount Modular Classroom Building	Plant Funds - Non-Auxiliary	\$ 370,000	3,250	\$ -	\$ -	\$ -	\$ 370,000
Pellissippi	Building Entrance Upgrades	Plant Funds - Non-Auxiliary	\$ 230,000	0	\$ -	\$ -	\$ -	\$ 230,000
Pellissippi	Clayton Performing Arts Center Lighting Updates	Plant Funds - Non-Auxiliary	\$ 230,000	0	\$ -	\$ -	\$ -	\$ 230,000
Pellissippi	Division Street Renovations	Plant Funds - Non-Auxiliary	\$ 650,000	0	\$ -	\$ -	\$ -	\$ 650,000
Pellissippi	Division Street Student Parking	Plant Funds - Auxiliary (Campus Access Fees)	\$ 820,000	6,400	\$ -	\$ -	\$ 820,000	\$ -
Pellissippi	Hardin Valley Courtyard Improvements	Plant Funds - Non-Auxiliary and Auxiliary (Existing Sustainability Fees)	\$ 1,950,000	0	\$ -	\$ -	\$ 50,000	\$ 1,900,000
Pellissippi	Magnolia Courtyard Improvements	Plant Funds - Non-Auxiliary and Auxiliary (Existing Sustainability Fees)	\$ 250,000	0	\$ -	\$ -	\$ 10,000	\$ 240,000
Pellissippi	Magnolia Print Shop Relocation	Plant Funds - Non-Auxiliary	\$ 150,000	0	\$ -	\$ -	\$ -	\$ 150,000
Pellissippi	Magnolia Student Parking	Plant Funds - Auxiliary (Campus Access Fees)	\$ 600,000	0	\$ -	\$ -	\$ 600,000	\$ -
Pellissippi	Paving and Repairs	Plant Funds - Auxiliary (Campus Access Fees)	\$ 500,000	0	\$ -	\$ -	\$ 500,000	\$ -
Pellissippi	Strawberry Plains Envelope Repairs	Plant Funds - Auxiliary (Rent)	\$ 2,900,000	0	\$ -	\$ -	\$ 2,900,000	\$ -
Pellissippi	Strawberry Plains Repaving	Plant Funds - Auxiliary (Rent and Existing Sustainability Fees)	\$ 300,000	0	\$ -	\$ -	\$ 300,000	\$ -
Pellissippi	Theater Modular Building	Plant Funds - Non-Auxiliary	\$ 370,000	3,500	\$ -	\$ -	\$ -	\$ 370,000
Roane	Electrical System Upgrade	Plant Funds - Non-Auxiliary	\$ 320,000	0	\$ -	\$ -	\$ -	\$ 320,000
Volunteer	Campus Access Control and Security Improvements	Plant Funds - Non-Auxiliary	\$ 350,000	0	\$ -	\$ -	\$ -	\$ 350,000
Volunteer	Campus Lighting Control Improvements	Plant Funds - Non-Auxiliary	\$ 100,000	0	\$ -	\$ -	\$ -	\$ 100,000
Volunteer	Parking Lot and Street Improvements	Plant Funds - Non-Auxiliary	\$ 400,000	0	\$ -	\$ -	\$ -	\$ 400,000
Volunteer	Warf Lab Upgrades	Plant Funds - Non-Auxiliary	\$ 200,000	0	\$ -	\$ -	\$ -	\$ 200,000
Volunteer	Sevier County Campus Maples Marshall Improvements	Gifts	\$ 400,000	0	\$ 400,000	\$ -	\$ -	\$ -
26 Projects	TOTAL TBR REVENUE-FUNDED PROJECTS DISCLOSED		\$ 19,880,000	116,200	\$ 4,585,000	\$ 1,000,000	\$ 5,195,000	\$ 9,100,000

ATTACHMENT V
THEC Disclosure of Revenue-Funded Capital Projects 2016-17

UNIVERSITY OF TENNESSEE

Institution	Project	Funding Source	Project Cost	New Sq.Ft.	Gifts	Grants	Auxiliary	Operating
UTHSC	Student Alumni Center Renovations	Plant Funds - Non-Auxiliary	\$ 1,000,000	0	\$ -	\$ -	\$ -	\$ 1,000,000
UTHSC	Office Building Renovations	Plant Funds - Non-Auxiliary	\$ 1,500,000	0	\$ -	\$ -	\$ -	\$ 1,500,000
UTIA	Greeneville 4-H Center Lodge Phase II	Gifts	\$ 3,100,000	11,000	\$ 3,100,000	\$ -	\$ -	\$ -
UTK	Office of Informational Technology Improvements and Infrastructure	Plant Funds - Non-Auxiliary	\$ 5,000,000	0	\$ -	\$ -	\$ -	\$ 5,000,000
UTK	Classroom Upgrades (2016-2017)	Plant Funds - Non-Auxiliary	\$ 5,000,000	0	\$ -	\$ -	\$ -	\$ 5,000,000
UTK	Campus Beautification Projects (2016-2017)	Plant Funds - Non-Auxiliary	\$ 2,000,000	0	\$ -	\$ -	\$ -	\$ 2,000,000
UTK	Athletics Scoreboard Replacements	Plant Funds - Auxiliary (Athletics)	\$ 2,000,000	0	\$ -	\$ -	\$ 2,000,000	\$ -
UTM	Entrepreneurial Epicenter	Gifts	\$ 4,300,000	0	\$ 4,300,000	\$ -	\$ -	\$ -

8 Projects	TOTAL UT REVENUE-FUNDED PROJECTS DISCLOSED		\$ 23,900,000	11,000	\$ 7,400,000	\$ -	\$ 2,000,000	\$ 14,500,000
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CAPITAL OUTLAY MATCH FUNDS

Institution	Project	Funding Source	Project Cost	New Sq.Ft.	Gifts	Grants	Auxiliary	Operating
MTSU	Academic Classroom Building	Plant Funds - Non-Auxiliary	\$ 1,600,000	91,200	\$ -	\$ -	\$ -	\$ 1,600,000
CCs	Community College Additions and Renovations	Plant Funds - Non-Auxiliary and Gifts	\$ 2,988,000	16,606	\$ 2,003,000	\$ -	\$ -	\$ 985,000
TCATs	TCAT Improvements Phase II	Plant Funds - Non-Auxiliary	\$ 1,920,000	595,250	\$ -	\$ -	\$ -	\$ 1,920,000

3 Projects	TOTAL REVENUE-FUNDED CAPITAL OUTLAY MATCH FUNDS DISCLOSED		\$ 6,508,000	703,056	\$ 2,003,000	\$ -	\$ -	\$ 4,505,000
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ATTACHMENT V
THEC Disclosure of Tennessee State School Bond Authority Funded Capital Projects 2016-17

TENNESSEE BOARD OF REGENTS

Institution	Project	Funding Source	Project Cost	New Sq.Ft.	TSSBA	Gifts	Grants	Auxiliary	Operating
MTSU	Health and Wellness Building Addition	TSSBA (Health Services Fee), Plant Funds - Auxiliary (Health Services Fees) & Gifts	\$ 12,000,000	13,500	\$ 3,500,000	\$ 6,250,000	\$ -	\$ 2,250,000	\$ -
1 Project	TOTAL TBR TSSBA-FUNDED PROJECTS DISCLOSED		\$ 12,000,000	13,500	\$ 3,500,000	\$ 6,250,000	\$ -	\$ 2,250,000	\$ -

UNIVERSITY OF TENNESSEE

Institution	Project	Funding Source	Project Cost	New Sq.Ft.	TSSBA	Gifts	Grants	Auxiliary	Operating
UTC	Athletic Facility Phase II	TSSBA (Athletics)	\$ 19,000,000	50,000	\$ 19,000,000	\$ -	\$ -	\$ -	\$ -
UTHSC	Energy Performance Contract	TSSBA (Plant Funds - Non-Auxiliary)	\$ 30,000,000	0	\$ 30,000,000	\$ -	\$ -	\$ -	\$ -
UTK	Environmental and Utilities Saving Projects (2016-2017)	TSSBA (Student Activity Fees)	\$ 5,000,000	0	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -
UTK	Campus Beautification Projects - Volunteer Boulevard Phase II	TSSBA (Facilities Fees)	\$ 3,750,000	0	\$ 3,750,000	\$ -	\$ -	\$ -	\$ -
4 Projects	TOTAL UT TSSBA-FUNDED PROJECTS DISCLOSED		\$ 57,750,000	50,000	\$ 57,750,000	\$ -	\$ -	\$ -	\$ -

42 Projects	TOTAL REVENUE- & TSSBA-FUNDED PROJECTS DISCLOSED		\$ 120,038,000	893,756	\$ 61,250,000	\$ 20,238,000	\$ 1,000,000	\$ 9,445,000	\$ 28,105,000
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ATTACHMENT VI
THEC Five-Year Plan for Capital Projects - Out Years Summary
2017-18 through 2020-21

		A	B	C	D = (A * B) - C	E = A - C - D
		Total	Target	Planning	Match Funds	State Funds
Statewide Capital Outlay Out Years		Project Cost	Match	Funds¹	Less Planning²	Request
*	Drive to 55 Program Capacity Fund 2017-18	\$ 10,000,000	NA	NA	NA	\$ 10,000,000
*	Drive to 55 Program Capacity Fund 2018-19	10,000,000	NA	NA	NA	10,000,000
*	Drive to 55 Program Capacity Fund 2019-20	10,000,000	NA	NA	NA	10,000,000
*	Drive to 55 Program Capacity Fund 2020-21	10,000,000	NA	NA	NA	10,000,000
Statewide Total		\$ 40,000,000	NA	NA	NA	\$ 40,000,000

		Total	Target	Planning	Match Funds	State Funds
TBR Capital Outlay Out Years		Project Cost	Match	Funds¹	Less Planning²	Request
MTSU	Academic Classroom Building	\$ 30,500,000	25%	TBD from Match	\$ 7,625,000	\$ 22,875,000
CCs	Community College Additions and Renovations	29,880,000	10%	TBD from Match	2,988,000	26,892,000
TCATs	TCAT Improvements Phase II	45,800,000	5%	TBD from Match	2,290,000	43,510,000
TBR Total		\$ 106,180,000	5% - 25%	TBD from Match	\$ 12,903,000	\$ 93,277,000

		Total	Target	Full Planning	Match Funds	State Funds
UT Capital Outlay Out Years		Total	Match	Funds¹	Less Planning²	Request
UTM	New Classroom Building (Science, Technology, Engineering and Math)	\$ 58,385,000	25%	TBD from Match	\$ 14,596,000	\$ 43,789,000
UTK	Academic and Instructional Support Facility (Melrose)	90,000,000	25%	3,000,000	15,750,000	71,250,000
UTIA	Interdisciplinary Research and Education Greenhouses	4,300,000	10%	TBD from Match	430,000	3,870,000
UTK	Life Sciences and Laboratory Facility (Walters)	117,000,000	25%	TBD from Match	18,750,000	98,250,000
UTC	Health Science Building	59,180,000	25%	TBD from Match	14,795,000	44,385,000
UTM	Fine Arts Renovation and Addition Phase II	16,946,000	25%	TBD from Match	4,237,000	12,709,000
UTC	Communications Classroom Building	25,630,000	25%	TBD from Match	6,408,000	19,222,000
UTK	Classroom and Laboratory Facility (Harris Building)	45,000,000	25%	TBD from Match	11,250,000	33,750,000
UTK	Nursing Building Renovation and Addition	51,000,000	25%	TBD from Match	12,750,000	38,250,000
UTHSC	Medicine/Administration Building	92,700,000	10%	TBD from Match	7,500,000	85,200,000
UTC	Life Sciences Laboratory Facility	64,670,000	25%	TBD from Match	16,168,000	48,502,000
UTIA	Teaching and Learning Center (Veterinary Medical Center)	3,710,000	10%	TBD from Match	371,000	2,960,000
UTHSC	Coleman Building Renovations	33,000,000	10%	TBD from Match	3,300,000	29,700,000
UTIA	Organic Crops Unit Improvements (East Tennessee Research and Education Center)	710,000	10%	TBD from Match	71,000	639,000
UTIA	Staff Dormitory (Clyde Austin 4-H Center)	1,000,000	10%	TBD from Match	100,000	900,000
UT Total		\$ 663,231,000	10% - 25%	TBD from Match	\$ 126,476,000	\$ 533,376,000

Capital Maintenance Out Years		Total	Target	Full Planning	Match Funds	State Funds
			Match	Funds¹	Less Planning²	Request
TBR Total		\$ 129,390,000	NA	NA	NA	\$ 129,390,000
UT Total		\$ 331,450,000	NA	NA	NA	\$ 331,450,000

		Institution Funds				
		Total	Target	Full Planning	Match Funds	State Funds
Total Out Years			Match	Funds¹	Less Planning²	Request
Total Capital Outlay Out Years 2017-18 through 2020-21		\$ 809,411,000	5% - 25%	TBD from Match	\$ 139,379,000	\$ 666,653,000
Total Capital Maintenance Out Years 2017-18 through 2020-21		\$ 460,840,000	NA	NA	NA	\$ 460,840,000
Total Capital Investment 2017-18 through 2020-21		\$ 1,270,251,000	5% - 25%	TBD from Match	\$ 139,379,000	\$ 1,127,493,000

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 and Instructional Support Facility had full planning funds disclosed in 2012-13. All TBR institutions have full planning funds disclosed in 2016-17.

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 2017-18 through 2020-21

Tennessee Board of Regents			Total
2017-18	MTSU	Sidewalk Repairs and Replacements	\$ 620,000
2017-18	Volunteer	Wood Building Restroom Renovations	300,000
2017-18	TCATs	Maintenance Repairs and Corrections Phase IV (Statewide)	30,000
2017-18	TCATs	Parking and Paving Repairs Phase III (Statewide)	800,000
2017-18	TCAT Livingston	Door Replacements (Comprehensive Building)	200,000
2017-18	UM	Building Code and Safety Updates Phase I	3,000,000
2017-18	TCAT Harriman	Entry Updates	200,000
2017-18	TTU	Roof Replacements Phase II (Several Buildings)	3,560,000
2017-18	MTSU	Bell Street Facility Roof Replacements	800,000
2017-18	Chattanooga	Center for Engineering, Arts and Sciences (CETAS) Building Roof Replacement	2,300,000
2017-18	Walters	Greeneville Campus Mechanical Corrections	780,000
2017-18	Pellissippi	HVAC Updates Phase III (Several Buildings)	1,800,000
2017-18	TCAT Athens	Welding Ventilation and Exhaust Installation	160,000
2017-18	ETSU	Mechanical Repair and Replacement (Several Buildings)	2,200,000
2017-18	TCAT Pulaski	Administration and Classroom Mechanical Updates	160,000
2017-18	TCAT Crump	HVAC System Replacement	230,000
2017-18	TCAT Memphis	Aviation HVAC Updates	330,000
2017-18	TCAT Hohenwald	HVAC System Replacement	490,000
2017-18	Motlow	Underground Utility Lines Replacement	1,160,000
2017-18	APSU	Dunn Center HVAC Replacement	4,350,000
2017-18	TCAT Whiteville	Pavement and Sidewalk Repairs	230,000
2017-18	TSU	Entrance Colonnade Repairs	5,000,000
2017-18	Columbia	Restroom Updates	120,000
2017-18	TCAT Pulaski	ADA Updates	170,000
2017-18	TSU	Life Safety and ADA Updates	1,000,000
2017-18	UM	Asbestos Abatement (Several Buildings)	1,000,000
2017-18	Walters	Sevier County Campus Roof Replacement	660,000
2017-18	TSU	McMinnville Campus Roof and Envelope Repairs	2,500,000
2017-18	TTU	Stormwater Replacement	750,000
2017-18	TTU	Roaden University Center Electrical Updates Phase I	3,160,000
2017-18	TTU	Derryberry Hall Systems Replacement Phase I	3,160,000
2017-18	TTU	Health and Physical Education Building Mechanical Replacement Phase I	3,100,000
2017-18	ETSU CoM	Clinical Education Building HVAC Replacement	1,750,000
2017-18	UM	Lambuth Campus Maintenance Updates	3,000,000
2018-19	Pellissippi	Chiller Replacement	520,000
2018-19	TTU	Roaden University Center Electrical Updates Phase II	3,160,000
2018-19	ETSU	Electrical Repair and Replacement	2,500,000
2018-19	UM	Dunn and Fieldhouse HVAC Updates	4,550,000
2018-19	ETSU	Systems Repair (Several Buildings)	1,000,000
2018-19	TCAT Chattanooga	Shop Building HVAC Corrections	1,250,000
2018-19	TSU	HVAC Updates (Several Buildings)	1,750,000
2018-19	TTU	Derryberry Hall Systems Replacement Phase II	3,160,000
2018-19	TCAT Covington	Electrical Updates	470,000
2018-19	TCAT Covington	Fiber Optic Cabling	210,000
2018-19	TTU	Health and Physical Education Building Mechanical Replacement Phase II	3,100,000
2018-19	APSU	Kimbrough HVAC Replacement	1,930,000
2018-19	TTU	Roaden University Center Electrical Updates Phase III	2,440,000
2018-19	TSU	Plumbing Updates	2,500,000

Tennessee Board of Regents (continued)			Total
2019-20	Motlow	McMinnville Campus Geothermal Modernization	\$ 730,000
2019-20	TSU	Tunnel Utility Piping Repairs	2,500,000
2019-20	TSU	Underground Utility Updates	2,500,000
2019-20	Motlow	Fayetteville Campus Geothermal Modernization	610,000
2019-20	TSU	Electrical Distribution Updates	2,500,000
2019-20	TSU	Information Technology Infrastructure Updates	2,500,000
2019-20	TSU	HVAC Updates	2,500,000
2019-20	Motlow	Central Power Plant Boiler Modernization	1,020,000
2019-20	TSU	Plumbing Corrections	2,500,000
2019-20	Pellissippi	Window Replacements	300,000
2019-20	TCAT Covington	Door and Hardware Replacement	370,000
2019-20	ETSU CoM	Various Window Replacements	1,250,000
2019-20	TCAT Chattanooga	Courtyard Repairs	430,000
2019-20	TCAT Covington	Paving Updates	110,000
2020-21	TSU	Campus Window Replacements	1,500,000
2020-21	TSU	Access Control and Locking Updates	3,000,000
2020-21	TTU	Waterproof and Exterior Repairs (Several Buildings)	2,700,000
2020-21	TSU	Campus Center Updates	2,500,000
2020-21	Motlow	Parking and Roadway Repairs	1,010,000
2020-21	TSU	Street and Parking Updates	2,500,000
2020-21	TSU	Exterior Repairs	2,500,000
2020-21	TCAT Chattanooga	Auto Body Shop Interior Corrections	350,000
2020-21	TCAT Dickson	Restroom Repairs	210,000
2020-21	TCAT Covington	Restroom Updates	220,000
2020-21	UM	Wilder Tower Completion	4,900,000
2020-21	Motlow	Several Buildings Interior Repairs	570,000
2020-21	Chattanooga	Center for Engineering, Arts and Sciences (CETAS) Building Modifications and Updates	6,000,000
2020-21	UM	Building Code and Safety Updates Phase II	4,000,000
TBR Out Years Total			\$ 129,390,000

ATTACHMENT VII

THEC Five-Year Plan for Capital Maintenance Projects - Out Years 2017-18 through 2020-21

University of Tennessee			Total
2017-18	UTM	Engineering and Physical Sciences (Johnson EPS) Building Improvements Phase II	\$ 3,400,000
2017-18	UTIA	Clyde York 4-H Center Improvements	1,000,000
2017-18	UTHSC	Campus Restroom Upgrades	6,200,000
2017-18	UTK	Utilities Improvements	5,000,000
2017-18	UTC	Elevator Upgrades	3,400,000
2017-18	UTIA	College of Veterinary Medicine Building Improvements Phase III	4,000,000
2017-18	UTM	Paul Meek Library HVAC Improvements	4,190,000
2017-18	UTHSC	Elevator Improvements Phase I	5,200,000
2017-18	UTK	Fire Safety Upgrades Phase II	7,500,000
2017-18	UTC	Building Envelope Repairs	2,600,000
2017-18	UTIA	Center for Renewable Carbon/MAST Laboratory Building Improvements	500,000
2017-18	UTM	Sociology Building System Upgrades	4,250,000
2017-18	UTK	Window Replacements and Masonry Repairs	4,500,000
2017-18	UTC	Mapp Building Improvements	2,070,000
2017-18	UTM	Clement Building System Improvements Phase II	7,290,000
2018-19	UTHSC	Elevator Improvements Phase II	5,100,000
2018-19	UTIA	Livestock Housing Improvements (Research and Education Center)	9,900,000
2018-19	UTC	Cadek Hall Improvements	4,500,000
2018-19	UTK	HVAC Improvements	8,000,000
2018-19	UTHSC	Roof Replacements	7,300,000
2018-19	UTM	McCombs Systems Upgrades	4,510,000
2018-19	UTIA	Paving and Fencing Improvements (Research and Education Center)	8,000,000
2018-19	UTK	Water Distribution Systems Improvements	10,000,000
2018-19	UTHSC	Campus Sidewalk Repairs	2,100,000
2018-19	UTC	MacIellan Improvements	8,610,000
2018-19	UTM	Engineering and Physical Sciences (Johnson EPS) Building Improvements Phase III	8,250,000
2018-19	UTIA	Infrastructure Improvements (Research and Education Center)	8,000,000
2019-20	UTK	Utility and Energy Conservation Measures	10,000,000
2019-20	UTC	Brock Hall Improvements	3,900,000
2019-20	UTM	Hall Moody Systems Upgrade	8,890,000
2019-20	UTIA	Livestock Waste Handling System Improvements (Research and Education Center)	1,000,000
2019-20	UTK	Asbestos Removal	8,000,000
2019-20	UTM	Campus Restroom Upgrades	2,330,000
2019-20	UTK	Window Replacements and Masonry Repair	8,000,000
2019-20	UTC	Electrical Improvements	1,560,000
2019-20	UTK	HVAC Improvements	6,500,000
2019-20	UTM	Agricultural Teaching Facilities Upgrade	2,390,000
2019-20	UTIA	Feed Storage and Livestock Feeding System Improvements (Research and Education Center)	920,000
2019-20	UTK	HVAC Controls Systems Consolidation	9,000,000

University of Tennessee (continued)			Total
2019-20	UTM	Tom and Kathleen Elam Center HVAC Upgrade Phase II	\$ 5,750,000
2019-20	UTC	Hunter Hall Improvements	2,850,000
2019-20	UTK	Electrical Distribution Improvements	14,000,000
2019-20	UTM	Stalling Facility HVAC Upgrade (West Tennessee Agricultural Pavilion)	3,380,000
2020-21	UTIA	Research and Education Center and 4-H Employee Housing Improvements	3,400,000
2020-21	UTK	Elevator Upgrades	6,000,000
2020-21	UTM	Campus Wide Energy Management System Upgrades	2,730,000
2020-21	UTC	Patten and Danforth Chapels Interior Improvements	3,200,000
2020-21	UTK	Steam Distribution System Improvements Phase V	6,000,000
2020-21	UTM	Engineering and Physical Sciences (Johnson EPS) Building Improvements Phase III	10,510,000
2020-21	UTK	Flooring Replacement	5,000,000
2020-21	UTM	Tom and Kathleen Elam Center Arena Lighting Upgrade	1,350,000
2020-21	UTK	HVAC Improvements	13,000,000
2020-21	UTK	Dabney Buehler Systems Upgrade Phase I	9,000,000
2020-21	UTM	Tom and Kathleen Elam Center Pool Repair	2,330,000
2020-21	UTK	Andy Holt Tower Systems Upgrade	6,000,000
2020-21	UTK	Communications and Student Services Systems Upgrades	12,000,000
2020-21	UTM	Storm and Sewer Line Upgrades	5,090,000
2020-21	UTK	Conference Center Systems Improvements	12,000,000
UT Out Years Total			\$ 331,450,000

Projects			Total
76	TBR Total Capital Maintenance Projects Out Years		\$ 129,390,000
58	UT Total Capital Maintenance Projects Out Years		\$ 331,450,000
134	Total Capital Maintenance Projects Out Years		\$ 460,840,000

ATTACHMENT VIII

THEC Five-Year Capital Plan

2016-17 through 2020-21

2016-17 (See Detailed Summary in Attachment I)

	Total Project		Total	State Funds
	Cost	Projects	Match Funds ¹	Request
Capital Maintenance				
TBR	\$ 95,470,000	87	NA	\$ 95,470,000
UT	\$ 58,330,000	12	NA	\$ 58,330,000
Total	\$ 153,800,000	99	NA	\$ 153,800,000
Capital Outlay				
Statewide	\$ 10,000,000	1	NA	\$ 10,000,000
TBR	\$ 187,800,000	4	\$ 42,988,000	\$ 143,962,000
UT	\$ 267,410,000	4	\$ 39,828,000	\$ 225,382,000
Total	\$ 465,210,000	9	\$ 82,816,000	\$ 379,344,000
Full Planning				
TBR	\$ 106,180,000	3	\$ 12,903,000	NA
UT	\$ -	-	\$ -	NA
Total	\$ 106,180,000	3	\$ 12,903,000	NA
Total Capital Investment	\$ 725,190,000	111	\$ 95,719,000	\$ 533,144,000

2017-18

	Total Project		Total	State Funds
	Cost	Projects	Match Funds ¹	Request
Capital Maintenance				
TBR	\$ 49,070,000	34	NA	\$ 49,070,000
UT	\$ 61,100,000	15	NA	\$ 61,100,000
Total	\$ 110,170,000	49	NA	\$ 110,170,000
Capital Outlay				
Statewide	\$ 10,000,000	1	NA	\$ 10,000,000
TBR	\$ 106,180,000	3	\$ 12,903,000	\$ 93,277,000
UT	\$ 152,685,000	3	\$ 33,776,000	\$ 118,909,000
Total	\$ 268,865,000	7	\$ 46,679,000	\$ 222,186,000
Full Planning				
TBR	TBD	-	TBD	NA
UT	TBD	-	TBD	NA
Total	TBD	-	TBD	NA
Total Capital Investment	\$ 379,035,000	56	\$ 46,679,000	\$ 332,356,000

2018-19

	Total Project		Total	State Funds
	Cost	Projects	Match Funds ¹	Request
Capital Maintenance				
TBR	\$ 28,540,000	14	NA	\$ 28,540,000
UT	\$ 84,270,000	12	NA	\$ 84,270,000
Total	\$ 112,810,000	26	NA	\$ 112,810,000
Capital Outlay				
Statewide	\$ 10,000,000	1	NA	\$ 10,000,000
TBR	\$ -	-	\$ -	\$ -
UT	\$ 218,756,000	4	\$ 44,190,000	\$ 174,566,000
Total	\$ 228,756,000	5	\$ 44,190,000	\$ 184,566,000
Full Planning				
TBR	TBD	-	TBD	NA
UT	TBD	-	TBD	NA
Total	TBD	-	TBD	NA
Total Capital Investment	\$ 341,566,000	31	\$ 44,190,000	\$ 297,376,000

2019-20

	Total Project		Total	State Funds
	Cost	Projects	Match Funds ¹	Request
Capital Maintenance				
TBR	\$ 19,820,000	14	NA	\$ 19,820,000
UT	\$ 88,470,000	16	NA	\$ 88,470,000
Total	\$ 108,290,000	30	NA	\$ 108,290,000
Capital Outlay				
Statewide	\$ 10,000,000	1	NA	\$ 10,000,000
TBR	\$ -	-	\$ -	\$ -
UT	\$ 188,700,000	3	\$ 31,500,000	\$ 157,200,000
Total	\$ 198,700,000	4	\$ 31,500,000	\$ 167,200,000
Full Planning				
TBR	TBD	-	TBD	NA
UT	TBD	-	TBD	NA
Total	TBD	-	TBD	NA
Total Capital Investment	\$ 306,990,000	34	\$ 31,500,000	\$ 275,490,000

2020-21

	Total Project		Total	State Funds
	Cost	Projects	Match Funds ¹	Request
Capital Maintenance				
TBR	\$ 31,960,000	14	NA	\$ 31,960,000
UT	\$ 97,610,000	15	NA	\$ 97,610,000
Total	\$ 129,570,000	29	NA	\$ 129,570,000
Capital Outlay				
Statewide	\$ 10,000,000	1	NA	\$ 10,000,000
TBR	\$ -	-	\$ -	\$ -
UT	\$ 103,090,000	5	\$ 20,010,000	\$ 82,701,000
Total	\$ 113,090,000	6	\$ 20,010,000	\$ 92,701,000
Full Planning				
TBR	TBD	-	TBD	NA
UT	TBD	-	TBD	NA
Total	TBD	-	TBD	NA
Total Capital Investment	\$ 242,660,000	35	\$ 20,010,000	\$ 222,271,000

Five-Year Total

	Total Project		Total	State Funds
	Cost	Projects	Match Funds ¹	Request
Capital Maintenance				
TBR	\$ 224,860,000	163	NA	\$ 224,860,000
UT	\$ 389,780,000	70	NA	\$ 389,780,000
Total	\$ 614,640,000	233	NA	\$ 614,640,000
Capital Outlay				
Statewide	\$ 50,000,000	5	NA	\$ 50,000,000
TBR	\$ 293,980,000	7	\$ 55,891,000	\$ 237,239,000
UT	\$ 930,641,000	19	\$ 169,304,000	\$ 758,758,000
Total	\$ 1,274,621,000	31	\$ 225,195,000	\$ 1,045,997,000
Full Planning				
TBR	\$ 106,180,000	3	\$ 12,903,000	NA
UT	\$ -	-	\$ -	NA
Total	\$ 106,180,000	3	\$ 12,903,000	NA
Total Capital Investment	\$ 1,995,441,000	267	\$ 238,098,000	\$ 1,660,637,000

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