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Agenda Item: V.

DATE: November 7, 2018

SUBJECT: 2019-20 Capital Project Recommendations

ACTION RECOMMENDED: Approval

BACKGROUND INFORMATION

Capital projects are broadly categorized according to project scope and funding source. State appropriations fund <u>capital outlay</u> projects, which consist of new construction or major renovation of existing facilities, as well as <u>capital maintenance</u> projects, which repair and replace systems and structures on existing facilities. The third type of capital project, referred to as a <u>disclosed project</u>, is distinguished by its funding source, which does not include state funding. These projects typically relate to various auxiliary functions, such as residence halls, parking, and athletics. Since the project is funded without state appropriations, an institution signals its intent to initiate the project and seek approval from the State Building Commission. This declaration of intent is disclosed to the Governor and General Assembly.

RECOMMENDATION SUMMARY

Capital Outlay

The capital outlay recommendation for 2019-20 state appropriation totals \$374.86 million. As detailed in Attachment I, this request includes two projects for the Tennessee Board of Regents (TBR), totaling \$32.65 million (8.7 percent of the total appropriation); five projects for the Locally Governed Institutions (LGIs), totaling \$250.8 million (66.9 percent of total); and two projects for the University of Tennessee (UT) system, totaling \$91.4 million (24.4 percent of total).

These projects were identified and prioritized by Commission staff using the selection criteria endorsed by the Commission at the May, 2017 quarterly meeting. In total, fifteen outlay projects summing to close to 600 million of state appropriations were submitted to THEC for review, and the selection process resulted in the nine highest ranked projects compiling the staff recommendation. The capital outlay process is focused on the Drive to 55 and ensures that projects are consistent with state and institutional goals. Projects were evaluated on their relationship to state goals and degree production, congruence with an approved Master Plan, space guidelines and

facility assessments, program and business plan, and match requirements.

The capital outlay recommendation includes one additional \$6 million outlay project for University of Memphis Lambuth Campus to renovate Sprague Hall from housing to academic use by the Nursing program. THEC staff also recommends a corresponding \$6 million reduction of capital maintenance funding for University of Memphis. Although the project was submitted as a capital maintenance project, THEC recommends the project as an outlay project because capital maintenance is defined, by the State, as major, non-routine, repair projects which restore a facility to its former, better state and do not result in changes to the facility usage. The State acquired Lambuth University understanding that not all facilities were well-maintained and that not all facilities served University of Memphis' needs. In order to properly maintain Sprague Hall and to be sure it serves the university's needs, it is in the state's best interest that state appropriations be used to alter the facility's usage.

Capital Maintenance

The 2019-20 recommendation for capital maintenance is \$147.38 million. As shown in Attachment IV, this includes 45 projects for TBR, totaling \$29.69 million (20.64 percent of the total); 31 projects for the LGIs, totaling \$54.33 million (37.76 percent of total); and 10 projects for the UT system, totaling \$59.86 million (41.6 percent of total). This request will allow each system to limit increases in deferred maintenance.

Additionally, the 2019-20 recommendation includes \$5.5 million in special initiatives. The first initiative is \$3.5 million for capital ADA improvements as a special capital initiative. In the past, capital funding was provided to UT and TBR annually for the purpose of making progress on facility accessibility, and full program accessibility as required by ADA. Last year, there were no dedicated appropriations for this purpose. The proposed \$3.5 million will be allocated to each SPA based on the SPA campus percentage of all E&G area in buildings older than 1990. The second initiative—comprising phase three of a multi-year project—is \$2.0 million for safety and security enhancements across TBR institutions and LGIs.

Tennessee has consistently provided funding for maintenance projects across higher education. Over the last five fiscal years, capital maintenance funding has averaged \$89 million per year. In the last two fiscal years, over \$120 million has been awarded per year. As of 2017-18, \$40 million of each year's capital maintenance expenditure is recurring. Tennessee continues to be a committed national leader in state support of capital maintenance.

Disclosure of Revenue-Funded Projects

Disclosed projects are funded through institutional funds, the Tennessee State School Bond Authority (TSSBA), auxiliary funds, or sources other than state appropriations. For 2019-20, TBR, the LGIs, and UT are disclosing 47 revenue-and TSSBA-funded projects totaling \$307.4 million. As detailed in Attachment V, the disclosure list includes 6 revenue-funded projects, totaling \$5.5 million, for TBR; 21 projects for the LGIs, totaling \$103 million; and 3 projects for the UT system, totaling \$14.55 million. Additionally, \$41.12 million for the capital outlay match program, as well as \$119.8 million for TSSBA bonds (\$143 million in total project cost), were disclosed.

ATTACHMENT I THEC 2019-20 Capital Projects Recommendation Summary

THEC Priority	Capital O	utlay		Pr	Total oject Cost	Pr	evious Years Funding	P	2019-20 roject Cost	Match Percentage	M	Total atch Funds ¹	rious Years tch Funds ²	2019-20 atch Funds	St	ate Appropriation Request ³
1	UT	UTIA	Energy & Environmental Science Education Research Center	\$	95,000,000	\$	4,000,000	\$	91,000,000	10%	\$	9,500,000	\$ 2,000,000	\$ 7,500,000	\$	81,500,000
2	TBR	TCAT Athens and Cleveland	McMinn Higher Education Center		17,750,000		-		17,750,000	20%		3,518,750	-	3,518,750		14,231,250
3	LGI	MTSU	School of Concrete and Construction Management		40,100,000		-		40,100,000	15%		6,015,000	-	6,015,000		34,085,000
4	LGI	TTU	Engineering Building		55,000,000		-		55,000,000	15%		8,250,000	-	8,250,000		46,750,000
5	LGI	ETSU	Humanities Building		71,800,000		-		71,800,000	13%		9,513,500	-	9,513,500		62,286,500
6	TBR	Columbia	Williamson Co Technology Building		18,800,000		-		18,800,000	2%		376,000	-	376,000		18,424,000
7	LGI	APSU	Health Professions		79,650,000		-		79,650,000	10%		7,965,000	-	7,965,000		71,685,000
8	LGI	UM	STEM Research & Classroom Building		40,000,000		-		40,000,000	10%		4,000,000	-	4,000,000		36,000,000
9	UT	UTHSC	Audiology & Speech Pathology		9,900,000		-		9,900,000	0%		-	-	-		9,900,000
	TBR Total			\$	36,550,000	\$	-	\$	36,550,000		\$	3,894,750	\$ -	\$ 3,894,750	\$	32,655,250
	LGI Total			\$	286,550,000	\$	-	\$	286,550,000		\$	35,743,500	\$ -	\$ 35,743,500	\$	250,806,500
	UT Total			\$	104,900,000	\$	4,000,000	\$	100,900,000		\$	9,500,000	\$ 2,000,000	\$ 7,500,000	\$	91,400,000

		Total	State Funds
Capital Maintenance	Total	Projects	Request
TBR Total	\$ 29,690,000	45	\$ 29,690,000
LGI Total	\$ 54,330,000	31	\$ 54,330,000
UT Total	\$ 59,860,000	10	\$ 59,860,000
Special Initiative	\$ 5,500,000	2	\$ 5,500,000

				Total	Pre	evious Years		2019-20			Total	Previous Years	2	019-20	State Funds
Reallocated Maintenance Funded Capital Outlay Project		Pro	oject Cost		Funds ²	Pr	oject Cost	Match	Ma	tch Funds ¹	Match Funds ²	Mat	ch Funds	Request	
LGI	UM	Lambuth Sprague Hall Nursing Rehab	\$	6,000,000	\$	-	\$	6,000,000	4%	\$	240,000	\$ -	\$	240,000	\$ 5,760,000
Total			\$	6,000,000	\$	-	\$	6,000,000		\$	240,000	\$ -	\$	240,000	\$ 5,760,000

		Total	Total	Sta	ite Appropriation
Total	Total	Match Funds ¹	Projects		Request ³
Total Capital Outlay Request	\$ 428,000,000	\$ 49,138,250	10	\$	374,861,750
Total Capital Maintenance Request	\$ 155,380,000	\$ 240,000	88	\$	149,380,000
Total Capital Investment ⁴	\$ 583,380,000	\$ 49,378,250	98	\$	524,241,750

^{1 -} Match is applicable to the entire scope of each capital outlay project. Total Match Funds consist of previous years match funds and 2019-20 match funds.

^{2 -} Institutional funding expended since 2013-14 for project planning.

^{3 -} Reflects total state appropriation request after all other funding sources — including previous years funding, total match funds and other institutional funds — are taken into account.

ATTACHMENT II 2019-20 THEC Capital Outlay Projects Recommendation

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					Α	В		C = A - B	D = E / C		E	F		G		G = A - C
THEC	System				Total	Previous Years		2019-20	Match		Total	Previous Years		2019-20	Sta	ate Appropriation
Priority	Priority	Institution	Project Name		Project Cost	Funding		Project Cost	Percentage	М	atch Funds ¹	Match Funds ²		Match Funds		Request ³
1	1	UTIA	Energy & Environmental Science Education Research Center	\$	95,000,000 \$	4,000,000	\$	91,000,000	10%	\$	9,500,000	\$ 2,000,000	\$	7,500,000	\$	81,500,000
2	3	TCAT Athens and Cleveland	McMinn Higher Education Center	\$	17,750,000 \$	-	\$	17,750,000	20%	\$	3,518,750	\$ -	\$	3,518,750	\$	14,231,250
3	1	MTSU	School of Concrete and Construction Management	\$	40,100,000 \$	-	\$	40,100,000	15%	\$	6,015,000	\$ -	\$	6,015,000	\$	34,085,000
4	1	TTU	Engineering Building	\$	55,000,000 \$	-	\$	55,000,000	15%	\$	8,250,000	\$ -	\$	8,250,000	\$	46,750,000
5	1	ETSU	Humanities Building	\$	71,800,000 \$	-	\$	71,800,000	13%	\$	9,513,500	\$ -	\$	9,513,500	\$	62,286,500
6	1	Columbia	Williamson Co Technology Building	\$	18,800,000 \$	-	\$	18,800,000	2%	\$	376,000	\$ -	\$	376,000	\$	18,424,000
7	1	APSU	Health Professions	\$	79,650,000 \$	-	\$	79,650,000	10%	\$	7,965,000	\$ -	\$	7,965,000	\$	71,685,000
8	1	UM	STEM Research & Classroom Building	\$	40,000,000 \$	-	\$	40,000,000	10%	\$	4,000,000	\$ -	\$	4,000,000	\$	36,000,000
9	2	UTHSC	Audiology & Speech Pathology	\$	9,900,000 \$	-	\$	9,900,000	0%	\$	-	\$ -	\$	-	\$	9,900,000
			2019-20 TBR Total 2019-20 LGI Total 2019-20 UT Total	· \$	36,550,000 \$ 286,550,000 \$ 104,900,000 \$	- - 4,000,000	\$ \$ \$	36,550,000 286,550,000 100,900,000		\$ \$ \$	3,894,750 35,743,500 9,500,000	\$ -	\$ \$ \$	3,894,750 35,743,500 7,500,000	\$	32,655,250 250,806,500 91,400,000
		2019-20 THEC C	apital Outlay Projects Recommendation	\$	428,000,000 \$	4,000,000	\$	424,000,000		\$	49,138,250	\$ 2,000,000	\$	47,138,250	\$	374,861,750

^{1 -} Match is applicable to the entire scope of each capital outlay project. Total Match Funds consist of previous years match funds and 2019-20 match funds.

^{2 -} Institutional funding expended since 2013-14 for project planning.

^{3 -} Reflects total state appropriation request after all other funding sources — including previous years funding, total match funds and other institutional funds — are taken into account.

ATTACHMENT III THEC 2019-20 Capital Outlay Projects Descriptions

THEC Priority	Campus/System Priority	Governing Board	Institution	Project Name	l Project Cost	State Request	Project Description
1	1	UT	UTIA	Energy & Environmental Science Education Research Center	\$ 95,000,000	\$ 81,500,000	The site for this new project is the current location of the Ellington Plant Science Building which will be demolished. The new building will house teaching laboratories, research/public service labs, offices, classrooms, 500-seat teaching and learning center with appropriate support space. Included will be a new Surge Building constructed on the Ag Campus. In FY 12-13, \$2M was approved for planning. In FY 18-19, \$4M was approved for planning and construction of the surge building.
2	3	TBR	TCAT Athens and Cleveland	McMinn Higher Education Center	\$ 17,750,000	\$ 14,231,250	Construct a facility to allow collaboration between TCAT Athens, CISCC, UT Extension, Adult Education and local industry. Project will relocate current CISCC leased space, expand TCAT programs as identified in TCAT Master Plan, and relocate both UT Extension and Adult Education and create a space for local industry training to upgrade the existing workforce.
3	1	LGI	MTSU	School of Concrete and Construction Management	\$ 40,100,000	\$ 34,085,000	Design and construction of a new facility for the School of Concrete and Construction Management (SCCM) Building, approximately 54,000 square feet, to support current and future education, research, and services needs for Middle Tennessee State University and the Industry. The project, defined in the 2016 Campus Master Plan, will include relocation of current functions and demolition of Abernathy and Ezell Halls, along with an addition to the Satellite Chiller Plant to increase cooling capacity on Campus, extension and added infrastructure capacity, and all related work.
4	1	LGI	TTU	Engineering Building	\$ 55,000,000	\$ 46,750,000	Construct a student centered interdisciplinary engineering building for the College of Engineering.
5	1	LGI	ETSU	Humanities Building	\$ 71,800,000	\$ 62,286,500	ETSU will construct a new Humanities Building in the campus core adjacent to the Quad and the renovated Culp Student Center, and selectively renovate areas in Rogers-Stout and Burleson Halls. The existing Campus Center Building will be demolished and the Humanities Building constructed on the same central campus site. The new Humanities Building will provide space for flexible classrooms, instructional laboratories, offices, and other spaces as outlined in the Academic Facilities Master Plan. Rogers-Stout Hall will be renovated to provide modern instructional and research space for the social sciences. The renovated Burleson Hall will consist primarily of office spaces to accommodate those moving from CCB. The work will be phased with demolition and new construction completed prior to the backfill renovations.
6	1	TBR	Columbia	Williamson Co Technology Building	\$ 18,800,000	\$ 18,424,000	This project is the construction of Building 4 of Phase 1 of the Williamson Campus in which design has been completed and awaiting completion funds. Building 4, the Technology Building, will expand the capacity of the campus to serve the educational needs of Williamson County particularly in the information technology field. Included in this project is parking to support the student enrollment of this building.
7	1	LGI	APSU	Health Professions	\$ 79,650,000	\$ 71,685,000	Construction of a new Health Professions Building to house school of nursing and allied health sciences, psychological science and counseling, Health and Human Performance, Social Work, and renovation of approximately 20,000 SF in Clement, McCord, Dunn and Sundquist for the creation of classrooms and research labs.
8	1	LGI	UM	STEM Research & Classroom Building	\$ 40,000,000	\$ 36,000,000	Construction of a new 65,000 sq. ft. interdisciplinary STEM building that will include activity based classrooms, faculty offices, laboratories and sponsored research centers. 17,000 square feet of existing space in the adjacent Engineering Building will be renovated as required for reuse by non-research related instruction.
9	2	UT	UTHSC	Audiology & Speech Pathology	\$ 9,900,000	\$ 9,900,000	This project will renovate a portion of the basement and the 2nd floor of the UT Conference Center. The renovated spaces will house the department of Audiology & Speech Pathology.

ATTACHMENT IV THEC 2019-20 Capital Maintenance Projects Recommendation

TENNESSEE BOARD OF REGENTS		Total
Statewide	TCAT Building System Updates A	\$ 1,050,000
Statewide	TCAT Roof Repairs/Replacements A	1,160,000
CISCC	Technology Building Roof Replacement	250,000
STCC	Roof Replacement and Envelope Repairs	610,000
CoSCC PSCC	Several Buildings Roof Replacements Exterior Lighting Upgrades	470,000 390,000
WSCC	Sevier County Mechanical Upgrades	800,000
Statewide	TCAT MPE and Infrastructure Updates A	1,050,000
DSCC	Multi-building Boiler System Updates	440,000
NaSCC	Interior Lighting Updates	750,000
MSCC	Fayetteville Campus HVAC Modernization	680,000
ChSCC	CETAS Building Modernization	1,890,000
RSCC	HVAC Corrections	1,100,000
JSCC	McWherter HVAC Updates Phase 1	910,000
NeSCC	Network and Communication Modernization	1,000,000
VSCC	Cookeville Higher Education Parking Expansion	360,000
ChSCC	Gym Roof System Replacement	660,000
VSCC	Chiller Replacement	380,000
PSCC	Alarm System Upgrades	700,000
TCAT Jacksboro	Door and Window Replacements	140,000
Statewide STCC	TCAT Parking and Paving Repairs A Exterior Safety Repairs and Updates	730,000
Statewide	TCAT Maintenance Repairs	1,550,000 580,000
WSCC	Sevier County Campus Reroof	1,000,000
ISCC	McWherter HVAC Updates Phase 2	340,000
TCAT Crossville	Interior and Exterior Updates	250,000
CoSCC	Powerhouse System Repairs	320,000
PSCC	Boiler and Cooling Tower Replacement	850,000
ChSCC	Elevator Modernizations	880,000
TCAT Paris	Exterior Repairs	280,000
DSCC	Campus Paving and Repairs	200,000
CISCC	Campus Parking and Road Updates	900,000
VSCC	Warf Roof Replacement	450,000
VSCC	Wallace North Roof Replacement	380,000
RSCC	Cumberland and Scott Campus HVAC Updates	420,000
PSCC	Air Handling Unit Replacements	620,000
WSCC	Infrastructure Repairs	900,000
DSCC	Eller Administration Building Generator	400,000
CISCC	Data Infrastructure Modernization	750,000
CoSCC	Exterior Lighting Updates	130,000
VSCC	Campus Exterior Repairs	290,000
PSCC ChSCC	Window Replacements CAT Building Modernization	380,000 1,530,000
Statewide	TCAT Building Nodernization TCAT Building System Updates B	280,000
TCAT Hartsville	Wilson Campus Roof Replacement	490,000
2019-20 TBR Total	Wilson Campus Noon Replacement	\$ 29,690,000
2013-20 TBR Total		\$ 29,090,000
AUSTIN PEAY STATE UNIVERSITY		Total
APSU	Boiler Installation, Phase 1	\$ 2,420,000
APSU	Power House Update	1,250,000
APSU	Fire alarm upgrades	920,000
2019-20 APSU Total		\$ 4,590,000
EAST TENNESSEE STATE UNIVERSITY		Total
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ETSU	Campus HVAC Upgrades	\$ 1,640,000
ETSU ETSU	Chiller Replacement	\$ 1,640,000 2,210,000
ETSU ETSU ETSU	Chiller Replacement Building Envelope Repairs	\$ 1,640,000 2,210,000 1,760,000
ETSU ETSU ETSU ETSU	Chiller Replacement Building Envelope Repairs Buildings #2 and# 4 Window Replacement	\$ 1,640,000 2,210,000 1,760,000 1,640,000
ETSU ETSU ETSU ETSU ETSU ETSU	Chiller Replacement Building Envelope Repairs Buildings #2 and# 4 Window Replacement Several Building Electrical Repair and Replacement	\$ 1,640,000 2,210,000 1,760,000 1,640,000 1,000,000
ETSU ETSU ETSU ETSU ETSU ETSU ETSU ETSU	Chiller Replacement Building Envelope Repairs Buildings #2 and# 4 Window Replacement Several Building Electrical Repair and Replacement Shelbridge Repairs	\$ 1,640,000 2,210,000 1,760,000 1,640,000 1,000,000
ETSU ETSU ETSU ETSU ETSU ETSU ETSU ETSU	Chiller Replacement Building Envelope Repairs Buildings #2 and# 4 Window Replacement Several Building Electrical Repair and Replacement Shelbridge Repairs Safety Lighting and Fire Alarm System Replacements	\$ 1,640,000 2,210,000 1,760,000 1,640,000 1,000,000 1,000,000
ETSU ETSU ETSU ETSU ETSU ETSU ETSU ETSU	Chiller Replacement Building Envelope Repairs Buildings #2 and# 4 Window Replacement Several Building Electrical Repair and Replacement Shelbridge Repairs	\$ 1,640,000 2,210,000 1,760,000 1,640,000 1,000,000 1,000,000 1,700,000 610,000
ETSU ETSU ETSU ETSU ETSU ETSU ETSU ETSU	Chiller Replacement Building Envelope Repairs Buildings #2 and# 4 Window Replacement Several Building Electrical Repair and Replacement Shelbridge Repairs Safety Lighting and Fire Alarm System Replacements HVAC Repairs Phase I	\$ 1,640,000 2,210,000 1,760,000 1,640,000 1,000,000 1,000,000 1,700,000 610,000 \$ 11,560,000
ETSU ETSU ETSU ETSU ETSU ETSU ETSU ETSU	Chiller Replacement Building Envelope Repairs Buildings #2 and# 4 Window Replacement Several Building Electrical Repair and Replacement Shelbridge Repairs Safety Lighting and Fire Alarm System Replacements HVAC Repairs Phase I	\$ 1,640,000 2,210,000 1,760,000 1,640,000 1,000,000 1,000,000 1,700,000 610,000 Total
ETSU ETSU ETSU ETSU ETSU ETSU ETSU ETSU	Chiller Replacement Building Envelope Repairs Buildings #2 and# 4 Window Replacement Several Building Electrical Repair and Replacement Shelbridge Repairs Safety Lighting and Fire Alarm System Replacements HVAC Repairs Phase I	\$ 1,640,000 2,210,000 1,760,000 1,640,000 1,000,000 1,700,000 610,000 \$ 11,560,000 Total \$ 600,000
ETSU ETSU ETSU ETSU ETSU ETSU ETSU ETSU	Chiller Replacement Building Envelope Repairs Buildings #2 and# 4 Window Replacement Several Building Electrical Repair and Replacement Shelbridge Repairs Safety Lighting and Fire Alarm System Replacements HVAC Repairs Phase I Y Several Buildings Roof Replacements KOM Mechanical, HVAC, Fire Protection, Lighting & Ceiling Upgrades	\$ 1,640,000 2,210,000 1,760,000 1,640,000 1,000,000 1,700,000 610,000 \$ 11,560,000 Total \$ 600,000 5,600,000
ETSU ETSU ETSU ETSU ETSU ETSU ETSU ETSU	Chiller Replacement Building Envelope Repairs Buildings #2 and# 4 Window Replacement Several Building Electrical Repair and Replacement Shelbridge Repairs Safety Lighting and Fire Alarm System Replacements HVAC Repairs Phase I	\$ 1,640,000 2,210,000 1,760,000 1,640,000 1,000,000 1,700,000 610,000 \$ 11,560,000 Total \$ 600,000 5,600,000 1,965,000
ETSU ETSU ETSU ETSU ETSU ETSU ETSU ETSU	Chiller Replacement Building Envelope Repairs Buildings #2 and# 4 Window Replacement Several Building Electrical Repair and Replacement Shelbridge Repairs Safety Lighting and Fire Alarm System Replacements HVAC Repairs Phase I Y Several Buildings Roof Replacements KOM Mechanical, HVAC, Fire Protection, Lighting & Ceiling Upgrades Stark Ag/Police Station Mechanical & HVAC Upgrades	\$ 1,640,000 2,210,000 1,760,000 1,640,000 1,000,000 1,700,000 610,000 \$ 11,560,000 Total \$ 600,000 5,600,000 1,965,000 785,000
ETSU ETSU ETSU ETSU ETSU ETSU ETSU ETSU	Chiller Replacement Building Envelope Repairs Buildings #2 and# 4 Window Replacement Several Building Electrical Repair and Replacement Shelbridge Repairs Safety Lighting and Fire Alarm System Replacements HVAC Repairs Phase I Several Buildings Roof Replacements KOM Mechanical, HVAC, Fire Protection, Lighting & Ceiling Upgrades Stark Ag/Police Station Mechanical & HVAC Upgrades Campus Stormwater BMP Phase I	\$ 1,640,000 2,210,000 1,760,000 1,640,000 1,000,000 1,000,000 1,700,000 610,000 Total

ATTACHMENT IV

THEC 2019-20 Capital Maintenance Projects Recommendation

TENNESSEE STATE UNIVERSITY			Total
TSU	Utility Tunnel Upgrades	\$	375,00
TSU	Fire Alarm Upgrades		705,00
TSU	Electrical Upgrades		1,205,00
TSU	Strange Roof Replacement		415,00
TSU	Power Plant Equipment / Lighting Upgrades		2,630,00
TSU	Replace Boswell Doors		230,00
TSU	HVAC Upgrades		1,710,00
TSU	Upgrade Building Envelope		360,00
TSU	McMinnville NCRS Improvements		150,00
2019-20 TSU Total		\$	7,780,00
TENNESSEE TECHNOLOGICAL UNIVER	SITY		Total
TTU	Roof Replacements - Phase 3	\$	3,060,00
πυ	Multiple Buildings Upgrades	+	4,650,00
2019-20 TTU Total	Multiple Buildings Opgrades	\$	7,710,00
19-20 110 10tal			7,710,00
UNIVERSITY OF MEMPHIS			Total
UM	Re-Roof Several Buildings	\$	3,000,00
UM	Building Interior Repairs		5,540,00
UM	Building Code and Safety Repairs		4,000,00
2019-20 UM Total		\$	12,540,00
UNIVERSITY OF TENNESSEE			Total
UTK	Fire Safety Upgrades	\$	7,500,00
UTIA	4-H Center Improvements		5,000,00
UTC	East Campus Utility Expansion		6,190,00
UT	Facilities Assessment		1,000,00
UTHSC	Elevator Upgrades		8,410,00
UTK	Window Replacements & Masonry Repairs		4,500,00
UTM	Engineering Physical Sciences (EPS) Systems Upgrades	+	11,520,00
UTC	Roof Replacements		3,770,00
UTIA	CRC/MAST, BESS & JARTU Improvements	+	5,500,00
UTHSC	Roof Replacements Ph 1		6,470,00
2019-20 UT Total		\$	59,860,00
SPECIAL INITIATIVE	ADA Camplianas		2.500.00
Statewide	ADA Compliance	\$	3,500,00
Statewide 2019-20 Special Initiative Total	TBR and LGI Campus Security Task Force Rec - Phase III		2,000,00
		\$	5,500,00

	Projects	Total
TBR	45	\$ 29,690,000
LGI	31	\$ 54,330,000
UT	10	\$ 59,860,000
Special Initiative	2	\$ 5,500,000
Total	88	\$ 149,380,000

ATTACHMENT V THEC 2019-20 Disclosure of Revenue-Funded Capital Projects

LOCALLY GOVE	RNED INSTITUTIONS Project	Funding Source	Project Cost	New Sq.Ft.	Gifts	Auxiliary	Operating	Other
APSU	Hayes House Renovations	plant funds (non-auxiliary)	\$ 2,000,000	\$ -	\$ -	\$ -	\$ 2,000,000	\$ -
APSU	Miller Hall Elevator Installation	plant funds (non-auxiliary)	850,000	-	-	-	850,000	
APSU	Browning Hall Elevator Installation	plant funds (non-auxiliary)	850,000	-	-	-	850,000	
APSU	Sevier Hall Restroom Upgrades	plant funds (auxiliary)	1,500,000	-	-	1,500,000	-	
TSU	Agriculture Food Science Research Facility	other	10,000,000	25,000	-	-	-	10,000,000
TSU	Housing Upgrades and Repairs	plant funds (auxiliary)	2,000,000	-	-	2,000,000	-	
TSU	Auxiliary Facilities Upgrades and Repairs	plant funds (auxiliary)	2,000,000	-	-	2,000,000	-	
TSU	Ag Facilities Upgrades and Repairs	other	2,000,000	-	-	-	-	2,000,000
TTU	New Engineering Building	plant funds (non-auxiliary)	500,000	100,000	-	-	500,000	
TTU	Facilities Services Complex	plant funds (non-auxiliary)	10,100,000	70,000	-	-	10,100,000	
TTU	Athletics Facilities Improvements	gifts, plant funds (auxiliary), plant funds (non- auxiliary)	56,750,000	-	44,750,000	11,000,000	1,000,000	
UM	Ellipse Plaza Development	plant funds (non-auxiliary)	1,000,000	-	-	-	1,000,000	
ИМ	Library Services Improvements	plant funds (non-auxiliary)	1,200,000	-	-	-	1,200,000	
ИМ	FEC Upgrades	plant funds (non-auxiliary)	1,500,000	-	-	-	1,500,000	
им	Campus School Expansion	plant funds (non-auxiliary)	2,000,000	6,000	-	-	2,000,000	
ИМ	Mynders Hall Reroof	plant funds (auxiliary)	700,000	-	-	700,000	-	
им	Student Venture Hub	plant funds (non-auxiliary)	1,000,000	-	-	-	1,000,000	
ИМ	Campus Police Renovation	plant funds (non-auxiliary)	700,000	-	-	-	700,000	
ИМ	Park Avenue Physical Plant	plant funds (non-auxiliary)	600,000	5,000	-	-	600,000	
UM	Soccer Facility	gifts	4,000,000	8,000	4,000,000	-	-	
им	Student Housing Improvements	plant funds (auxiliary)	1,800,000	-	-	1,800,000	-	
21 Projects	TOTAL LGI REVENUE-FUNDED PROJECTS DIS	CLOSED	\$ 103,050,000	214,000	\$ 48,750,000	\$ 19,000,000	\$ 23,300,000	\$ 12,000,000
UNIVERSITY OF Institution	TENNESSEE Project	Funding Source	Project Cost	New Sq.Ft.	Gifts	Auxiliary	Operating	Other
UTIA	West TN 4-H Center Improvements	plant funds (non-auxiliary)	1,550,000	-	-	-	1,550,000	2 11101
UTK	Classroom Upgrades (19/20)	plant funds (non-auxiliary)	5,000,000	-	-	-	5,000,000	
UTK	Concord Campus Phase II	plant funds (non-auxiliary)	8,000,000	-	-	-	8,000,000	
3 Projects	TOTAL UT REVENUE-FUNDED PROJECTS DISC	LOSED	\$ 14,550,000	-	\$ -	\$ -	\$ 14,550,000	\$

ATTACHMENT V THEC 2019-20 Disclosure of Revenue-Funded Capital Projects

TENNESSEE B	OARD OF REGENTS				New						
Institution	Project	Funding Source	Projec	t Cost	Sq.Ft.	Gi	fts	Grants	Auxiliary	Operating	Other
Northeast	Amphitheater Plaza and Stage	plant funds (non-auxiliary)	\$	500,000	\$ -	\$	-	\$ -	\$ -	\$ 500,000	\$ -
Pellissippi	Division Street Renovations	plant funds (non-auxiliary)		1,500,000	1,450		-	-	=	1,500,000	-
Pellissippi	Hardin Valley Parking Expansion	other		900,000	-		-	-	-	-	900,000
Pellissippi	Student Recreation Center Flooring	other		100,000	-		-	-	-	-	100,000
Roane	Cumberland County Science Lab	gifts, plant funds (non-auxiliary)		1,530,000	4,440	1	1,500,000	-	-	30,000	-
Volunteer	Wood Building Dining and Kitchen Remodel	plant funds (non-auxiliary)		980,000	-		-	-	-	980,000	-
6 Projects	TOTAL TBR REVENUE-FUNDED PROJECT	TS DISCLOSED	\$	5,510,000	5,890	\$ 1	1,500,000	\$ -	\$ -	\$ 3,010,000	\$ 1,000,000

CAPITAL OUT	LAY MATCH FUNDS			2019-20	New					
Institution	Project	Funding Source	Pı	roject Cost	Sq.Ft.	Gifts	Grants	Auxiliary	Operating	Other
UTIA	Energy & Environmental Science Education Research Center	gifts, plant funds (non-auxiliary)	\$	7,500,000	177,500	\$ 2,850,000	\$ -	\$ -	\$ 4,650,000	\$ -
TCAT Athens/ Cleveland	McMinn County Higher Education Training Facility	gifts (land in-kind), grants (local government)		3,518,750	51,500	243,750	3,275,000	-	-	-
TTU	Engineering Building	gifts		8,250,000	100,000	8,250,000	-	-	-	-
ETSU	Humanities Building	gifts		9,513,500	110,000	9,513,500	-	-	-	-
Columbia	Williamson County Technology building	gifts, plant funds (non-auxiliary)		376,000	28,504	112,800	-	-	263,200	-
APSU	Health Professions Building	gifts		7,965,000	121,500	7,965,000	-	-	-	-
UM	STEM Research and Classroom Building	gifts		4,000,000	65,000	4,000,000	-	-	-	-
7 Projects	TOTAL CAPITAL OUTLAY MATCH FUNDS	DISCLOSED	\$	41,123,250	654,004	\$ 32,935,050	\$ 3,275,000	\$ -	\$ 4,913,200	\$ -

ATTACHMENT V
THEC 2019-20 Disclosure of Tennessee State School Bond Authority Funded Capital Projects

				New					
Institution	Project	Funding Source	Project Cost	Sq.Ft.	TSSBA	Gifts	Auxiliary	Operating	Other
MTSU	Miller Education Center - Academic Renovation	TSSBA, plant funds (non-auxiliary)	\$ 12,000,000	- \$	4,000,000	\$ - \$	-	\$ 8,000,000 \$	-
MTSU	Parking Structure	TSSBA	17,000,000	145,000	17,000,000	-	-	-	-
MTSU	School of Concrete and Construction Management	gifts, TSSBA (5-year bond funds), plant funds (non-auxiliary)	6,015,000	54,000	2,000,000	3,015,000	-	1,000,000	-
MTSU	Football Operations Facility	TSSBA, gifts	50,000,000	68,700	40,000,000	10,000,000	-	-	-
MTSU	Women's Softball Facility Upgrades	TSSBA, plant funds (auxiliary)	3,000,000	-	2,500,000	-	500,000	-	-
MTSU	Athletic Video Board Upgrades	TSSBA	3,000,000	-	3,000,000	-	-	-	-
πυ	Residence Hall-Innovation Center	TSSBA, plant funds (auxiliary)	29,500,000	80,000	29,000,000	-	500,000	-	-
им	Child Development Center	TSSBA	9,000,000	22,000	9,000,000	-	-	-	-
итс	Campus Pedestrian Ways	TSSBA, plant funds (non-auxiliary)	3,610,000	-	3,310,000	-	-	300,000	-
UTHSC	GMP Facility Expansion	TSSBA	10,000,000	-	10,000,000	-	-	-	-
10 Projects	TOTAL TSSBA-FUNDED PROJECTS DISCL	OSED	\$ 143,125,000	369,700 \$	119,810,000	\$ 13,015,000 \$	1,000,000	\$ 9,300,000 \$	-
47 Projects	TOTAL REVENUE- & TSSBA-FUND	ED PROJECTS DISCLOSED	\$ 307,358,250	1,243,594 \$	119,810,000	\$ 96,200,050 \$	20,000,000	\$ 55,073,200 \$	13,000,000

ATTACHMENT VI THEC Five-Year Plan for Capital Projects - Out Years Summary 2020-21 through 2023-24

			Α	B = C / A		c		E = A - C
			Total	Target	Fut	ture Years		State Funds
FBR Capital Outlay Out Years		Project Cost		Match	Match Funds		Request	
RSCC	Knox County Campus Replacement	\$	24,300,000	6%	\$	1,571,600	\$	22,728,400
MSCC	Rutherford Teaching Site Addition Blg. 4		23,500,000	10%		2,300,000		21,200,000
TCAT Chattanooga	Technical Education Building		17,400,000	0%		-		17,400,000
VSCC	Wilson County Campus		12,500,000	8%		983,200		11,516,800
S. Central Region	Cntr for Health Sciences & Industrial Technologies		42,820,000	3%		1,105,000		41,715,000
JSCC	Library Renovations		4,500,000	5%		225,000		4,275,000
NaSCC	Clarksville Expansion		13,910,000	10%		1,391,000		12,519,000
TBR Total		\$	138,930,000	0%-10%	\$	7,575,800	\$	131,354,200

			Total	Target	Fu	ture Years	9	State Funds	
GI Capital Out	Capital Outlay Out Years		Project Cost		Match Funds			Request	
TSU	New Engineering Classroom Building	\$	48,000,000	5%	\$	2,400,000	\$	45,600,000	
APSU	Academic Success		25,500,000	10%		2,550,000		22,950,000	
APSU	New Classroom Building		12,500,000	10%		1,250,000		11,250,000	
MTSU	Applied Engineering Building		56,800,000	0%		-		56,800,000	
TTU	Biology Building		60,000,000	5%		3,000,000		57,000,000	
UM	Research Modernization		27,000,000	4%		1,080,000		25,920,000	
MTSU	Math and Computer Science Building		55,500,000	0%		-		55,500,000	
TTU	Academic Classroom/Office Building		19,500,000	5%		925,000		18,575,000	
UM	Art Gallery and Art Renovations		19,000,000	10%		1,900,000		17,100,000	
TTU	Facilities Services Complex		10,100,000	5%		505,000		9,595,000	
UM	Research Park		45,000,000	10%		4,500,000		40,500,000	
TTU	Memorial Gym Update		15,400,000	0%		-		15,400,000	
UM	Academic Building Replacement		76,000,000	10%		7,600,000		68,400,000	
LGI Total		\$	470,300,000	0%-25%	\$	25,710,000	\$	444,590,000	

			Total	Target	Fu	ture Years	State Funds
UT Capital Outl	ay Out Years	F	Project Cost	Match	M	atch Funds	Request
UTK	Nursing Building	\$	98,000,000	10%	\$	9,800,000	\$ 88,200,000
UTC	Maclellan Renovation		26,100,000	2%		522,000	25,578,000
UTHSC	Campus Police Building Renovation		6,000,000	0%		-	6,000,000
UTC	Health Sciences Building		109,760,000	18%		19,776,000	89,984,000
UTM	Fine Arts Music Hall & Theater Renovation		38,520,000	5%		1,926,000	36,594,000
UTK	Panhellenic Building Renovations		21,000,000	4%		840,000	20,160,000
UTHSC	Gross Anatomy Lab Renovation		18,000,000	0%		-	18,000,000
UTIA	Morgan Hall Renovation and Addition		31,000,000	10%		3,025,000	27,975,000
UTK	Buehler Hall Renovations		75,000,000	4%		3,000,000	72,000,000
UTK	Dabney Hall Renovations		43,000,000	4%		1,720,000	41,280,000
UTIA	IPS-UTIA Middle Tennessee Building		50,500,000	11%		5,500,000	45,000,000
UTHSC	Stem Cell/Regenerative Medicine Renovation		40,000,000	0%		-	40,000,000
UTIA	UT Gardens Education & Discovery Center		13,350,000	9%		1,135,000	12,215,000
UT Total	-	\$	570,230,000	0%-25%	\$	47,244,000	\$ 522,986,000

		Target	Future Years	State Funds
Capital Maintenance Out Years	Total	Match	Match Funds	Request
TBR Total	\$ 13,130,000	NA	NA	\$ 13,130,000
LGI Total	\$ 237,973,000	NA	NA	\$ 237,973,000
UT Total	\$ 193,190,000	NA	NA	\$ 193,190,000

		Target	F	uture Years	State Funds
Total Out Years	Total	Match	N	latch Funds	Request
Total Capital Outlay Out Years 2020-21 through 2023-24	\$ 1,179,460,000	0%-25%	\$	80,529,800	\$ 1,098,930,200
Total Capital Maintenance Out Years 2020-21 through 2023-24	\$ 444,293,000	NA		NA	\$ 444,293,000
Total Capital Investment 2020-21 through 2023-24	\$ 1,623,753,000	0% - 25%	\$	80,529,800	\$ 1,543,223,200

ATTACHMENT VII

THEC Five-Year Plan for Capital Maintenance Projects - Out Years 2020-21 through 2023-24

Tennessee Bo	ard of Regents			Total
2020-21	VSCC	Campus Boiler Replacements	\$	300,000
2020-21	STCC	Mechanical System Updates		1,550,000
2020-21	CoSCC	Plumbing and Drainage Repairs		860,000
2020-21	MSCC	McMinnville Campus HVAC Modernization		890,000
2020-21	RSCC	Oakridge and Anderson County HVAC Updates		1,300,000
2020-21	JSCC	McWherter HVAC Updates Phase 3		920,000
2020-21	NeSCC	Powers Building Foundation Stabilization		250,000
2020-21	PSCC	Campus Paving and Repairs		620,000
2020-21	Statewide	TCAT Building System Updates C		890,000
2020-21	TCAT Elizabethton	Arney Street Infrastructure and Interior Updates		180,000
2020-21	Statewide	TCAT MPE and Infrastructure Updates B		650,000
2020-21	Statewide	TCAT Parking and Paving Repairs C		610,000
2020-21	Statewide	TCAT Parking and Paving Repairs B		1,860,000
2020-21	Statewide	TCAT MPE and Infrastructure Updates C		1,670,000
2020-21	VSCC	Campus Parking Lot Expansion		580,000
TBR Out Years	Total	15 Projects	\$ 1	3,130,000

Austin Peay St	tate University	1	Total
2020-21	APSU	Dunn Ctr upgrades	\$ 3,000,000
2020-21	APSU	Elevator Modernization	670,000
2021-22	APSU	Dunn Ctr upgrades	3,000,000
2021-22	APSU	Miller HVAC Upgrades	670,000
2022-23	APSU	Memorial Health Building Upgrades	2,500,000
2022-23	APSU	Boiler Installation, Ph 2	1,170,000
2023-24	APSU	Underground Electrical	2,500,000
2023-24	APSU	Boiler Installation, Ph 3	1,170,000
APSU Out Year	rs Total	8 Projects	\$ 14,680,000

East Tennesse	st Tennessee State University					
2020-21	ETSU	HVAC Repairs Phase 2	\$	1,090,000		
2020-21	ETSU	Roof Replacements and Drainage Corrections		2,170,000		
2020-21	ETSU	Kingsport Allendale Structural & Drainage Envelope Repairs		1,340,000		
2020-21	ETSU	Code and Accessibility Upgrades		1,700,000		
2020-21	ETSU	Repair and Replacement of Water Lines		1,640,000		
2021-22	ETSU	Several Building Electrical Repair & Replacement		2,000,000		
2021-22	ETSU	Repair and Replacement of Water Lines		2,100,000		
2021-22	ETSU	Steam Trap and Line Replacement - Phase 1		2,400,000		
2021-22	ETSU	Code and Accessibility Upgrades		2,000,000		
2021-22	ETSU	Roof Replacements		2,000,000		

East Tennesse	e State Univ	ersity (continued)	Total
2022-23	ETSU	HVAC Repairs	\$ 2,200,000
2022-23	ETSU	Several Building Electrical Repair & Replacement	1,900,000
2022-23	ETSU	Steam Trap and Line Replacement - Phase 2	2,200,000
2022-23	ETSU	Storm Water Drainage Repairs at South Dossett Drive	1,340,000
2022-23	ETSU	Elevator Replacements	1,750,000
2022-23	ETSU	Code and Accessibility Upgrades	1,610,000
2023-24	ETSU	Sewer Main Repairs and Line Improvements	2,350,000
2023-24	ETSU	HVAC Repairs	2,750,000
2023-24	ETSU	Bldg. 119 & 178 Walk-In/Cold Room Refrigeration Replacement	1,250,000
2023-24	ETSU	Window Replacement	1,500,000
2023-24	ETSU	Fire Alarm and Systems Upgrades and Replacements	1,400,000
2023-24	ETSU	Roof Replacements	2,000,000
ETSU Out Year	rs Total	22 Projects	\$ 40,690,000

Middle Tennes	see State U	niversity	Total
2020-21	MTSU	Life Safety Fire Alarm System Upgrades Phase II	\$ 800,000
2020-21	MTSU	Elevator Modernization Phase III	1,000,000
2020-21	MTSU	Several Buildings Window Replacement	2,700,000
2020-21	MTSU	Several Buildings Roof Replacements	1,400,000
2020-21	MTSU	Domestic Water & Sewer System's Updates Phase II	1,500,000
2021-22	MTSU	KUC Mechanical and HVAC Upgrades Phase II	1,500,000
2021-22	MTSU	Steam/Condensate & Manhole Repair/Replacement Phase III	1,500,000
2021-22	MTSU	Several Buildings Plumbing & Restroom Upgrades	2,950,000
2021-22	MTSU	Several Buildings Roof Replacements	750,000
2021-22	MTSU	Several Building Pneumatic Controls Replacements	650,000
2021-22	MTSU	Elevator Modernization Phase IV	750,000
2022-23	MTSU	JUB Building Mechanical, HVAC, Windows, Ceiling Upgrades	2,550,000
2022-23	MTSU	Life Safety Fire Alarm System Upgrades Phase III	650,000
2022-23	MTSU	Pump and VFD Replacement	1,200,000
2022-23	MTSU	Chilled Water Valve Replacements	650,000
2022-23	MTSU	Campus Stormwater BMP Phase II	650,000
2022-23	MTSU	Womack Lane Switchgear Replacement	815,000
2022-23	MTSU	Sidewalk Repair/Replacement Phase II	650,000
2022-23	MTSU	Several Buildings Roof Replacements	950,000
2023-24	MTSU	Steam/Condensate & Manhole Repair/Replacement Phase IV	1,500,000
2023-24	MTSU	Jones Hall Mechanical, HVAC, Lighting, Ceiling Upgrades	2,500,000
2023-24	MTSU	Several Buildings Plumbing Upgrades	1,250,000
2023-24	MTSU	PMH Gear Replacement	938,000
2023-24	MTSU	Several Building Mechanical, HVAC, Lighting, Ceiling Upgrades	2,500,000
MTSU Out Yea	rs Total	24 Projects	\$ 32,303,000

ATTACHMENT VII

THEC Five-Year Plan for Capital Maintenance Projects - Out Years 2020-21 through 2023-24

ennessee Stat	e University		Total
2020-21	TSU	Gentry Center HVAC Upgrades	\$ 2,425,000
2020-21	TSU	Electrical Upgrades	1,820,000
2020-21	TSU	Power Plant Equipment Upgrades	1,275,000
2020-21	TSU	Performing Arts Roof / Envelope	700,000
2021-22	TSU	Safety Upgrades	220,000
2021-22	TSU	Several Building Fire Alarm Upgrades	500,000
2021-22	TSU	Several Building Electrical Upgrades	550,000
2021-22	TSU	Hardscape Improvements	200,000
2021-22	TSU	HVAC Repairs	1,000,000
2021-22	TSU	Gentry Center Roof Replacement	1,000,000
2021-22	TSU	Gentry Center Lighting Upgrades	1,000,000
2021-22	TSU	McWherter MEP Upgrades	750,000
2021-22	TSU	Brown-Daniel Library Improvements	1,000,000
2022-23	TSU	Safety Upgrades	220,000
2022-23	TSU	Several Building Fire Alarm Upgrades	500,000
2022-23	TSU	Several Building Electrical Upgrades	550,000
2022-23	TSU	Hardscape Improvements	200,000
2022-23	TSU	Several Building Roof Replacement	1,500,000
2022-23	TSU	Several Building Envelope and Glazing Upgrades	1,500,000
2022-23	TSU	Road and Parking Lot Upgrades	1,000,000
2022-23	TSU	Storm Sewer Improvements	200,000
2022-23	TSU	Queen Washington HVAC upgrades	150,000
2022-23	TSU	Kean Hall MEP Upgrades	400,000
2023-24	TSU	Several Building Electrical Upgrades	500,000
2023-24	TSU	General Services Building window and interiors upgrades	250,000
2023-24	TSU	Motor Pool lighting and electrical upgrades	250,000
2023-24	TSU	Road resurfacing campus wide	500,000
2023-24	TSU	Several Building Roof Replacement	700,000
2023-24	TSU	Torrence Engineering building envelope	950,000
2023-24	TSU	Hankal Hall water building envelope and intrusion mitigation	200,000
2023-24	TSU	Campus Wide Landscape Improvements	220,000

Tennessee Sta	Tennessee State University (continued)			
2023-24	TSU	Love SSC HVAC upgrades	\$	150,000
2023-24	TSU	Lawson Hall Bathroom Upgrades	2	250,000
2023-24	TSU	Clay Hall Roof and building envelope		500,000
2023-24	TSU	Avon Williams HVAC Improvements	-	750,000
2023-24	TSU	Hankal Hall	2	200,000
2023-24	TSU	Outdoor Basketball		150,000
2023-24	TSU	Wellness Center	2	200,000
2023-24	TSU	Crouch Hall		100,000
2023-24	TSU	Holland Hall		100,000
2023-24	TSU	Hazardous Materials Abatement		250,000
TSU Out Years	Total	41 Projects	\$ 24,88	80,000

Tennessee Te	Tennessee Technological University			Total
2020-21	TTU	Multiple Buildings Upgrades	\$	9,400,000
2020-21	TTU	Building Controls Upgrade Phase 1		3,000,000
2021-22	TTU	Volpe Library HVAC Upgrades		9,800,000
2021-22	TTU	Building Controls Upgrade Phase 1		3,000,000
2022-23	TTU	Derryberry Hall Upgrades		10,170,000
2023-24	TTU	Clement Hall Upgrades		10,550,000
TTU Out Years	s Total	6 Projects	\$	45,920,000

University of	Memphis		Total
2020-21	UM	HVAC System Replacements	\$ 5,000,000
2020-21	UM	Wilder Tower Repairs	5,000,000
2020-21	UM	Lambuth Various Maintenance	2,000,000
2020-21	UM	HVAC Controls Replacements	1,500,000
2020-21	UM	Asbestos Abatement	1,000,000
2020-21	UM	Building Interior Repairs	2,000,000
2021-22	UM	Deferred Maintenance Repairs 2022	20,000,000
2022-23	UM	Deferred Maintenance Repairs 2023	21,000,000
2023-24	UM	Deferred Maintenance Repairs 2024	22,000,000
UM Out Years	Total	9 Projects	\$ 79,500,000

ATTACHMENT VII

THEC Five-Year Plan for Capital Maintenance Projects - Out Years 2020-21 through 2023-24

niversity of To	ennessee		Tota	I
2020-21	UTHSC	Roof Replacements Ph 2	\$ 1,53	30,000
2020-21	UTK	Dabney Buehler Systems Upgrades	10,00	0,000
2020-21	UTIA	Morgan Hall Improvements	6,00	00,00
2020-21	UTM	Clement Systems Upgrade Phase II	8,97	70,00
2020-21	UTC	Elevator Upgrades	1,58	30,00
2020-21	UTHSC	Campus Sidewalk Repairs	3,00	00,00
2020-21	UTK	Jessie Harris Systems Upgrades	10,00	00,00
2021-22	UTIA	REC-Livestock Housing Improvements	10,60	0,00
2021-22	UTM	Sociology Systems Upgrades	4,53	30,00
2021-22	UTC	Building Envelope Repairs	4,74	10,00
2021-22	UTK	Building System Upgrades	8,00	00,00
2021-22	UTM	McCombs Systems Improvements	4,98	30,00
2021-22	UTC	Pfeiffer Hall Improvements	6,48	30,00
2021-22	UTIA	REC-Paving & Fencing Improvements	8,68	30,00
2022-23	UTK	Steam Plant Improvements	7,00	00,00
2022-23	UTC	Brock Hall Improvements	8,19	90,00
2022-23	UTIA	REC-Infrastructure Improvements	9,00	00,00
2022-23	UTK	HVAC Improvements	8,00	00,00
2022-23	UTC	Building Envelope Repairs	4,32	20,00
2022-23	UTIA	REC and 4-H Center Residence Improvements	4,50	00,00
2022-23	UTK	Window Replacements & Masonry Repairs	8,00	00,00
2023-24	UTC	Mapp Building Improvements	2,79	90,00
2023-24	UTIA	REC-Livestock Waste Handling Improvements	2,20	00,00
2023-24	UTC	Cadek Hall Improvements	6,14	10,00
2023-24	UTK	Electrical Distribution Improvements	14,00	00,00
2023-24	UTIA	REC-Feed Storage & Livestock Feeding System Improvements	4,65	50,00
2023-24	UTC	Roof Replacements	3,76	50,00
2023-24	UTK	HVAC Controls Systems Consolidation and Upgrades	6,00	00,00
2023-24	UTIA	Blount Farm Improvements		50,00
2023-24	UTK	Elevator Upgrades	10,00	
T Out Years To	otal	30 Projects	\$ 193,190	0.00

Total Out Y	Total Out Year Projects					
15	Tennessee Board of Regents	\$	13,130,000			
8	Austin Peay State University	\$	14,680,000			
22	East Tennessee State University	\$	40,690,000			
24	Middle Tennessee State University	\$	32,303,000			
41	Tennessee State University	\$	24,880,000			
6	Tennessee Technological University	\$	45,920,000			
9	University of Memphis	\$	79,500,000			
30	University of Tennessee	\$	193,190,000			
155	Total Capital Maintenance Projects Out Years	\$	444,293,000			

ATTACHMENT VIII THEC Five-Year Capital Plan 2018-19 through 2022-23

2019-20 (See Detailed Summary in Attachment I)

Total Project					Total	:	State Funds
Capital		Cost	Projects	M	atch Funds ¹		Request
Maintenance							
TBR	\$	29,690,000	45		NA	\$	29,690,000
LGIs	\$	54,330,000	31		NA	\$	54,330,000
UT	\$	59,860,000	10		NA	\$	59,860,000
Special Initiative	\$	5,500,000	2		NA	\$	5,500,000
Total	\$	149,380,000	88		NA	\$	149,380,000
Capital Outlay							
TBR	\$	36,550,000	2	\$	3,894,750	\$	32,655,250
LGIs	\$	286,550,000	5	\$	35,743,500	\$	250,806,500
UT	\$	104,900,000	2	\$	9,500,000	\$	91,400,000
Total	\$	428,000,000	9	\$	49,138,250	\$	374,861,750
Total Capital							
Investment ²	\$	577.380.000	97	\$	49.138.250	\$	524.241.750

2020-21

		-	2020-21				
	T	otal Project			Total		State Funds
Capital		Cost	Cost Projects		atch Funds ¹	Request	
Maintenance							
TBR	\$	13,130,000	15		NA	\$	13,130,000
LGIs	\$	54,130,000	24		NA	\$	54,130,000
UT	\$	41,080,000	7		NA	\$	41,080,000
Special Initiative	\$	-	-		NA	\$	-
Total	\$	108,340,000	46		NA	\$	108,340,000
Capital Outlay							
TBR	\$	138,930,000	7	\$	7,575,800	\$	131,354,200
LGIs	\$	229,800,000	6	\$	10,280,000	\$	173,920,000
UT	\$	278,380,000	5	\$	32,024,000	\$	246,356,000
Total	\$	647,110,000	18	\$	49,879,800	\$	551,630,200
Total Capital							
Investment	\$	755,450,000	64	\$	49,879,800	\$	659,970,200

2021-22

			.021-22			
	T	otal Project			Total	State Funds
Capital		Cost	Projects	Ma	tch Funds ¹	Request
Maintenance						
TBR	\$	-	-		NA	\$ -
LGIs	\$	61,290,000	25		NA	\$ 61,290,000
UT	\$	48,010,000	7		NA	\$ 48,010,000
Special Initiative	\$	-	-		NA	\$ -
Total	\$	109,300,000	32		NA	\$ 109,300,000
Capital Outlay						
TBR	\$	-	-	\$	-	\$ -
LGIs	\$	94,000,000	3	\$	2,825,000	\$ 91,175,000
UT	\$	70,000,000	3	\$	3,865,000	\$ 66,135,000
Total	\$	164,000,000	6	\$	6,690,000	\$ 157,310,000
Total Capital						
Investment	\$	273,300,000	38	\$	6,690,000	\$ 266,610,000

2022-23

		•	2022-23			
	T	otal Project			Total	State Funds
Capital		Cost	Projects	M	atch Funds ¹	Request
Maintenance						
TBR	\$	-	-		NA	\$ -
LGIs	\$	60,175,000	28		NA	\$ 60,175,000
UT	\$	49,010,000	7		NA	\$ 49,010,000
Special Initiative	\$	-	-		NA	\$ -
Total	\$	109,185,000	35		NA	\$ 109,185,000
Capital Outlay						
TBR	\$	-	-	\$	-	\$ -
LGIs	\$	55,100,000	2	\$	5,005,000	\$ 50,095,000
UT	\$	168,500,000	3	\$	10,220,000	\$ 158,280,000
Total	\$	223,600,000	5	\$	15,225,000	\$ 208,375,000
Total Capital						
Investment	\$	332,785,000	40	\$	15,225,000	\$ 317,560,000

2023-24

	T	otal Project			Total	:	State Funds
Capital		Cost	Projects	Ma	tch Funds ¹	Request	
Maintenance							
TBR	\$	-	-		NA	\$	-
LGIs	\$	62,378,000	33		NA	\$	62,378,000
UT	\$	55,090,000	9		NA	\$	55,090,000
Special Initiative	\$	-	-		NA	\$	-
Total	\$	117,468,000	42		NA	\$	117,468,000
Capital Outlay							
TBR	\$	-	-	\$	-	\$	-
LGIs	\$	91,400,000	2	\$	7,600,000	\$	83,800,000
UT	\$	53,350,000	2	\$	1,135,000	\$	52,215,000
Total	\$	144,750,000	4	\$	8,735,000	\$	136,015,000
Total Capital							
Investment	\$	262,218,000	46	\$	8,735,000	\$	253,483,000

Five-Year Total

		i cui i o			
	Total Project			Total	State Funds
Capital	Cost	Projects	М	atch Funds ¹	Request
Maintenance					
TBR	\$ 42,820,000	60		NA	\$ 42,820,000
LGIs	\$ 292,303,000	141		NA	\$ 292,303,000
UT	\$ 253,050,000	40		NA	\$ 253,050,000
Special Initiative	\$ 5,500,000	2		NA	\$ 5,500,000
Total	\$ 593,673,000	243		NA	\$ 593,673,000
Capital Outlay					
TBR	\$ 175,480,000	9	\$	11,470,550	\$ 164,009,450
LGIs	\$ 756,850,000	18	\$	61,453,500	\$ 649,796,500
UT	\$ 675,130,000	15	\$	56,744,000	\$ 614,386,000
Total	\$ 1,607,460,000	42	\$	129,668,050	\$ 1,428,191,950
Total Capital					
Investment ²	\$ 2,201,133,000	285	\$	129,668,050	\$ 2,021,864,950

^{1 -} Match is applicable to the entire scope of each capital outlay project.

 $[\]ensuremath{\text{2}}$ - Planning funds included in the capital outlay total match funds.