

# X - Designer selection not anticipated for this project

## Capital Outlay Project Descriptions Fiscal Year 2021-2022

	<u>Total Project Cost</u>
<b>Agriculture</b>	
<b>Objective: Promote efficient use of agricultural resources.</b>	
<b>Maintenance</b> Funds to repair, maintain, and update facilities. See Capital Maintenance Project Descriptions for additional details.	\$ 3,360,000
<b>Standing Stone State Forest Work Center</b> Funds are provided for the construction of a new work center including an office building, vehicle maintenance structure, and infrastructure improvements.	3,990,000
<b>Statewide Demolition of Structures</b> Funds are provided for demolition of structures that are beyond their useful life and repair.	850,000
<b>Sub-Total Agriculture</b>	<u>\$ 8,200,000</u>
<b>Children's Services</b>	
<b>Objective: Provide safe and secure surroundings for youth development residents.</b>	
<b>Maintenance</b> Funds to repair, maintain, and update facilities. See Capital Maintenance Project Descriptions for additional details.	\$ 1,560,000
<b>New John S. Wilder Youth Development Center</b> Funds are provided for full design of a new youth development center to replace the current John S. Wilder Youth Development Center.	13,500,000
<b>Sub-Total Children's Services</b>	<u>\$ 15,060,000</u>
<b>Correction</b>	
<b>Objective: Provide safe and secure facilities to house inmates.</b>	
<b>Maintenance</b> Funds to repair, maintain, and update facilities. See Capital Maintenance Project Descriptions for additional details.	\$ 32,200,000
<b>SCCF New Water Treatment Plant Grant</b> Funds are provided for costs associated with the construction of a new water treatment facility.	3,000,000
<b>Sub-Total Correction</b>	<u>\$ 35,200,000</u>
<b>Economic and Community Development</b>	
<b>Objective: Pursue strategies for business and job growth.</b>	
<b>Memphis Regional Megasite Wastewater Utility</b> Funds are provided for wastewater utility.	\$ 15,000,000
<b>Education</b>	
<b>Objective: Provide a safe and secure environment for learning.</b>	
<b>Maintenance</b> Funds to repair, maintain, and update facilities. See Capital Maintenance Project Descriptions for additional details.	\$ 11,420,000

## Capital Outlay Project Descriptions Fiscal Year 2021-2022

	Total Project Cost
<p><b>TSB Building and Site Improvements</b> Funds are provided for upgrades to the auditorium to include relocation of mechanical systems and site drainage repairs. Funds also support upgrades to safety and security systems to comply with the SAVE Act.</p>	\$ 4,120,000
<p><b>WTSD SAVE Act Compliance Upgrades</b> Funds are provided to upgrade safety and security systems to comply with the SAVE Act.</p>	1,510,000
<p><b>Sub-Total Education</b></p>	\$ 17,050,000
<p><b>Environment and Conservation</b> <b>Objective: Increase visitation to the state's parks and historic areas.</b></p>	
<p><b>Maintenance</b> Funds to repair, maintain, and update facilities. See Capital Maintenance Project Descriptions for additional details.</p>	\$ 33,370,000
<p><b>Natchez Trace State Park Boat Ramp and Parking</b> Funds are provided for construction of a new boat ramp facility and parking at Natchez Trace State Park.</p>	515,000
<p><b>SCSP Stone Door Annex Visitor Center and Campground</b> Funds are provided for construction of a visitor center and a fully functional recreational vehicle campground at South Cumberland State Park. Funds also support roadway and infrastructure improvements.</p>	30,380,000
<p><b>Burgess Falls State Park Visitor Center, Maintenance Facility, and Parking</b> Funds are provided for construction of a new visitor center and maintenance facility at Burgess Falls State Park. Funds also support the demolition of existing buildings and parking improvements.</p>	7,380,000
<p><b>State Park Master Plan</b> Funds are provided to develop a State Park Master Plan.</p>	750,000
<p><b>Sub-Total Environment and Conservation</b></p>	\$ 72,395,000
<p><b>General Services</b> <b>Objective: Maintain, repair, and update general government facilities.</b></p>	
<p><b>Maintenance</b> Funds to repair, maintain, and update facilities. See Capital Maintenance Project Descriptions for additional details.</p>	\$ 7,200,000
<p><b>X Emergency and Contingency Funds</b> Funds to handle unforeseen and emergency situations that arise during the fiscal year.</p>	5,000,000
<p><b>Sub-Total General Services</b></p>	\$ 12,200,000
<p><b>Human Services</b> <b>Objective: Provide facilities to support rehabilitation services.</b></p>	
<p><b>Maintenance</b> Funds to repair, maintain, and update facilities. See Capital Maintenance Project Descriptions for additional details.</p>	\$ 6,180,000

## Capital Outlay Project Descriptions Fiscal Year 2021-2022

	Total Project Cost
<b>Intellectual and Developmental Disabilities</b>	
<b>Objective: Provide alternative residential settings for clients and plan for the future.</b>	
<b>Maintenance</b>	<b>\$ 3,400,000</b>
Funds to repair, maintain, and update facilities. See Capital Maintenance Project Descriptions for additional details.	
<b>Mental Health and Substance Abuse Services</b>	
<b>Objective: Provide facilities to support comprehensive rehabilitation services in a positive and productive learning environment to people with disabilities.</b>	
<b>Maintenance</b>	<b>\$ 17,190,000</b>
Funds to repair, maintain, and update facilities. See Capital Maintenance Project Descriptions for additional details.	
<b>Military</b>	
<b>Objective: Expand and renovate military facilities.</b>	
<b>Maintenance</b>	<b>\$ 4,130,000</b>
Funds to repair, maintain, and update facilities. See Capital Maintenance Project Descriptions for additional details.	
<b>New Ft. Campbell National Guard Readiness Center</b>	<b>1,105,000</b>
Funds are provided for design services for construction of a new Readiness Center.	
<b>Memphis Readiness Center Parking Improvements</b>	<b>1,070,000</b>
Funds are provided for expansion of personnel and military parking areas, access road, sidewalks, fencing, solar lighting, site grading and drainage improvements, and Anti-Terrorism Force Protection improvements.	
<b>X Statewide Force Protection Upgrades</b>	<b>3,900,000</b>
Funds are provided for the installation of security measures including high security fencing, gates, and ballistic doors at Tennessee Army National Guard facilities statewide.	
<b>Sub-Total Military</b>	<b>\$ 10,205,000</b>
<b>Safety</b>	
<b>Objective: Protect, serve, and secure the people of Tennessee.</b>	
<b>Maintenance</b>	<b>\$ 1,540,000</b>
Funds to repair, maintain, and update facilities. See Capital Maintenance Project Descriptions for additional details.	
<b>Tennessee Historical Commission</b>	
<b>Objective: Protect, preserve, interpret, operate, maintain, and administer state historic sites.</b>	
<b>Maintenance</b>	<b>\$ 3,070,000</b>
Funds to repair, maintain, and update facilities. See Capital Maintenance Project Descriptions for additional details.	
<b>Rock Castle New Event Center and Site Improvements</b>	<b>7,260,000</b>
Funds are provided for construction of a new event facility including a visitor center, event space, existing building repairs, and site improvements.	
<b>Sub-Total Tennessee Historical Commission</b>	<b>\$ 10,330,000</b>

## Capital Outlay Project Descriptions Fiscal Year 2021-2022

	Total Project Cost
<b>TRICOR</b>	
<b>Objective: Prepare offenders for success after release.</b>	
<b>Maintenance</b> Funds to repair, maintain, and update facilities. See Capital Maintenance Project Descriptions for additional details.	<b>\$ 280,000</b>
<b>Veterans Services</b>	
<b>Objective: Expand and renovate state veteran cemetery facilities.</b>	
<b>Maintenance</b> Funds to repair, maintain, and update facilities. See Capital Maintenance Project Descriptions for additional details.	\$ 620,000
<b>West TN State Veterans Cemetery Parking and Site Improvements</b> Funds are provided for site and parking improvements.	1,050,000
<b>Sub-Total Veterans Services</b>	<b>\$ 1,670,000</b>
<b>Locally Governed Higher Education Institutions</b>	
<b>Objective: Expand and enhance facilities for student and faculty needs.</b>	
<b>Austin Peay State University</b>	
<b>Maintenance</b> Funds to repair, maintain, and update campus facilities. See Capital Maintenance Project Descriptions for additional details.	\$ 4,700,000
<b>Health Professions Building</b> Funds are provided for construction of a new health professions building and renovations in the Clement, McCord, Dunn Center, and Sundquist buildings for the creation of classrooms and research labs.	70,175,000
<b>Sub-Total Austin Peay State University</b>	<b>\$ 74,875,000</b>
<b>East Tennessee State University</b>	
<b>Maintenance</b> Funds to repair, maintain, and update campus facilities. See Capital Maintenance Project Descriptions for additional details.	<b>\$ 11,364,000</b>
<b>Middle Tennessee State University</b>	
<b>Maintenance</b> Funds to repair, maintain, and update campus facilities. See Capital Maintenance Project Descriptions for additional details.	\$ 9,965,000
<b>Applied Engineering Building</b> Funds are provided for design and construction of a new center for the Applied Engineering disciplines.	54,900,000
<b>Sub-Total Middle Tennessee State University</b>	<b>\$ 64,865,000</b>
<b>Tennessee State University</b>	
<b>Maintenance</b> Funds to repair, maintain, and update campus facilities. See Capital Maintenance Project Descriptions for additional details.	<b>\$ 11,366,000</b>

## Capital Outlay Project Descriptions Fiscal Year 2021-2022

	Total Project Cost
<b>Tennessee Technological University</b>	
<b>Maintenance</b>	\$ 7,834,000
Funds to repair, maintain, and update campus facilities. See Capital Maintenance Project Descriptions for additional details.	
<b>X Engineering Building</b>	53,730,000
Funds are provided for construction of a new interdisciplinary engineering building.	
<b>Sub-Total Tennessee Technological University</b>	<b>\$ 61,564,000</b>
<b>University of Memphis</b>	
<b>Maintenance</b>	\$ 17,342,000
Funds to repair, maintain, and update campus facilities. See Capital Maintenance Project Descriptions for additional details.	
<b>Sub-Total Locally Governed Higher Education Institutions</b>	<b>\$ 241,376,000</b>
<b>Tennessee Board of Regents</b>	
<b>Objective: Expand and enhance facilities for student and faculty needs.</b>	
<b>Maintenance</b>	\$ 30,770,000
Funds to repair, maintain, and update higher education institution facilities statewide. See Capital Maintenance Project Descriptions for additional details.	
<b>CoSCC Williamson County Arts and Technology Building</b>	27,930,000
Funds are provided for a new Arts and Technology Building and renovations in existing buildings to accommodate collaborative programs.	
<b>Sub-Total Tennessee Board of Regents</b>	<b>\$ 58,700,000</b>
<b>University of Tennessee</b>	
<b>Objective: Expand and enhance facilities for students and faculty needs.</b>	
<b>Maintenance</b>	\$ 59,910,000
Funds to repair, maintain, and update higher education institution facilities statewide. See Capital Maintenance Project Descriptions for additional details.	
<b>UTK Nursing Building Renovation and Addition</b>	65,000,000
Funds are provided for renovation and additions to the College of Nursing Building.	
<b>UTHSC Nash Buildout 2 Floors</b>	11,500,000
Funds are provided for build out of the top two floors of the Nash/Nash Annex Building.	
<b>Sub-Total University of Tennessee</b>	<b>\$ 136,410,000</b>
<b>Grand Total</b>	<b>\$ 662,386,000</b>

**Capital Maintenance Project Descriptions  
Fiscal Year 2021-2022**

	Total Project Cost
<b>Agriculture</b>	
<b>East TN Nursery Seedling Drainage System Upgrades</b>	\$ 2,200,000
Funds are provided for upgrades to the drainage system for seedling compartments and all related work.	
<b>Chickasaw State Forest Piney Creek Culvert Replacement</b>	1,160,000
Funds are provided for replacement of two large culverts at Piney Creek, relocation of a portion of Casey Trail, and all related work.	
<b>Sub-Total Agriculture</b>	<b>\$ 3,360,000</b>
<b>Children's Services</b>	
<b>John S. Wilder Site Upgrades</b>	\$ 560,000
Funds are provided for replacement and refurbishment of all areas for pedestrian and vehicular traffic, including drainage, and all related work.	
<b>John S. Wilder Exterior LED Lighting and HVAC Upgrades</b>	1,000,000
Funds are provided for replacement and upgrades to all exterior perimeter light fixtures with LED lighting systems, all chapel lighting and HVAC, and all related work.	
<b>Sub-Total Children's Services</b>	<b>\$ 1,560,000</b>
<b>Correction</b>	
<b>X LDSNF Life Safety Systems Upgrades</b>	\$ 5,000,000
Additional funds are provided for upgrades to fire alarm and smoke evacuation systems to bring the institution to current code compliance. Project includes all related work.	
<b>X WTSP Life Safety Systems Upgrades</b>	2,500,000
Additional funds are provided for upgrades to fire alarm system to bring the institution to current code compliance. Project includes all related work.	
<b>X NWCX Life Safety Systems Upgrades</b>	7,200,000
Additional funds are provided for upgrades to Site 1 HVAC systems to bring the institution to current code compliance. Project includes all related work.	
<b>NECX Housing Units BAS/Smoke Evacuation Replacement</b>	7,900,000
Funds are provided for replacement and updates to existing housing units' HVAC and smoke evacuation systems to bring the institution to current code compliance. Project includes all related work.	
<b>TCIX Security Electronics Upgrades</b>	4,800,000
Funds are provided for replacement and upgrades to security cameras, related UPS units, additional video coverage, and all related work.	
<b>BCCX Site 1 Security Electronics Upgrades</b>	3,800,000
Funds are provided for replacement and upgrades to security cameras, related UPS units, additional video coverage, and all related work.	
<b>X Statewide Electronic Security Improvements</b>	500,000
Funds are provided for replacement and upgrades of electronic security systems, technology, protective security systems, and all related work.	
<b>X Statewide Site Security Improvements</b>	500,000
Funds are provided for replacement and upgrades of site security systems and all related work.	
<b>Sub-Total Correction</b>	<b>\$ 32,200,000</b>

**Capital Maintenance Project Descriptions  
Fiscal Year 2021-2022**

	Total Project Cost
<b>Education</b>	
<b>WTSD Essential Maintenance</b>	\$ 5,800,000
Funds are provided for upgrades to building envelopes, mechanical and electrical systems, interior finishes, site remediation, and all related work.	
<b>TSB Mechanical and Electrical System Upgrades</b>	4,310,000
Funds are provided for upgrades to mechanical and electrical system equipment in Building 1-B and Building 15 and all related work	
<b>Alvin C. York Institute Mechanical Essential Maintenance</b>	1,310,000
Funds are provided for upgrades to existing mechanical equipment and associated electrical equipment, plumbing upgrades, and all related work.	
<b>Sub-Total Education</b>	<b>\$ 11,420,000</b>
<b>Environment and Conservation</b>	
<b>Statewide Dam Repairs</b>	\$ 8,170,000
Funds are provided for repair, renovation and replacement of components of the dams at Fall Creek Falls and South Cumberland State Parks and all related work.	
<b>Cove Lake State Park Waterline Replacement</b>	1,830,000
Funds are provided for replacement of waterlines at Cove Lake State Park and all related work.	
<b>Statewide Soil Stabilization</b>	3,580,000
Funds are provided for shoreline stabilization at Reelfoot Lake SP, Radnor Lake SP, and Cumberland Mountain SP. Project includes all related work.	
<b>Cedars of Lebanon State Park Campgrounds Renovations</b>	2,520,000
Funds are provided for renovation of Campgrounds 1 and 2 at Cedars of Lebanon State Park and all related work. Project includes upgrading utilities, paving roads, resurfacing campsite pads, reconfiguring loops roads, adding ADA accessible campsites, and replacing existing bathhouse with ADA compliant bath/shower facilities.	
<b>Statewide Bathhouse and Restroom Replacements</b>	2,980,000
Funds are provided for replacement of existing non-ADA compliant bathhouses and restrooms with compliant pre-engineered modular bathhouses and restrooms at seven state parks. Project includes all related work.	
<b>Norris Dam State Park Water Line Replacement</b>	6,990,000
Funds are provided for replacement of the main water distribution system throughout Norris Dam State Park and all related work.	
<b>Reelfoot Lake State Park South Campgrounds Renovations</b>	7,300,000
Funds are provided for renovation and upgrades to the 86-site RV campground including site, utility, and restroom facilities. Project includes all related work.	
<b>Sub-Total Environment and Conservation</b>	<b>\$ 33,370,000</b>
<b>General Services</b>	
<b>ADA Compliance</b>	\$ 800,000
X	Funds are provided for capital maintenance activities, including facility assessments, associated with compliance with the Americans with Disabilities Act and other disability-related issues.
<b>Environmental Consultants</b>	5,000,000
X	Funds are provided for environmental services expertise in mold identification and removal, asbestos identification and abatement, and other assistance to the State of Tennessee Real Estate Asset Management division of General Services.

## Capital Maintenance Project Descriptions Fiscal Year 2021-2022

	Total Project Cost
<p><b>X State Owned Buildings OSHA Compliance</b> Funds are provided for the provision of inspection and training services to building employees to insure compliance with OSHA directives.</p>	\$ 800,000
<p><b>X TPAC Annual Maintenance Grant</b> Grant to provide state maintenance assistance for the Tennessee Performing Arts Center.</p>	300,000
<p><b>X National Civil Rights Museum Maintenance Grant</b> Grant to provide maintenance support to the National Civil Rights Museum in Memphis.</p>	300,000
<b>Sub-Total General Services</b>	<b>\$ 7,200,000</b>
<b>Human Services</b>	
<p><b>TRC Smyrna Campus Upgrades - Phase 2</b> Funds are provided for lighting, technology, and accessibility upgrades, kitchen cafeteria and interior renovations, window replacement, and all related work.</p>	\$ 6,180,000
<b>Intellectual and Developmental Disabilities</b>	
<p><b>MTRO Essential Maintenance</b> Funds are provided for upgrades to interior, exterior, and mechanical equipment for the Seating and Positioning Clinic; roof replacements; site upgrades to portions of the campus; and all related work.</p>	\$ 3,400,000
<b>Mental Health and Substance Abuse Services</b>	
<p><b>Western MHI Kitchen Repairs</b> Funds are provided for upgrades to electrical equipment, plumbing piping systems, and fire sprinkler system. Project includes repairs to concrete floor slab and all related work.</p>	\$ 930,000
<p><b>Moccasin Bend MHI Electrical Repairs</b> Funds are provided for upgrades to the power distribution equipment and all related work.</p>	5,260,000
<p><b>Middle TN MHI Mechanical System Upgrades</b> Funds are provided for replacement of air handlers, exhaust fans, fan coil units, and all related work</p>	11,000,000
<b>Sub-Total Mental Health and Substance Abuse Services</b>	<b>\$ 17,190,000</b>
<b>Military</b>	
<p><b>Huntingdon Readiness Center Re-Roof and Facility Update</b> Funds are provided for replacement of roof system, gutters, downspouts, doors, door hardware, and windows; masonry repairs; exterior and interior facility updates; site grading and drainage improvements; and all related work.</p>	\$ 1,220,000
<p><b>Hohenwald Readiness Center Re-Roof and Facility Update</b> Funds are provided for replacement of roof system, gutters, downspouts, doors, door hardware, and windows; masonry repairs; exterior and interior facility updates; site grading and drainage improvements; and all related work.</p>	770,000
<p><b>Sparta Readiness Center Structural Repairs</b> Funds are provided for replacement of masonry walls and roofing system; installation of expansion and control joints; installation of an underground collection system; and all related work.</p>	170,000
<p><b>Pigeon Forge Readiness Center Re-Roof and Facility Update</b> Funds are provided for replacement of roof system, gutters, downspouts, doors, door hardware, and windows; exterior and interior facility updates; and all related work.</p>	790,000
<p><b>Tulahoma Readiness Center Roof Flashing Repairs</b> Funds are provided for removal of exterior building envelope; replacement of wall flashing; installation of subsills and weeps; restoration of building envelope; and all related work.</p>	300,000



**Capital Maintenance Project Descriptions  
Fiscal Year 2021-2022**

	Total Project Cost
<b>Nashville JFHQ Emergency Generator</b> Funds are provided for connection of existing generator to the entire building; installation of new automatic transfer switch and feeder conductors; and all related work.	\$ 450,000
<b>Russellville Readiness Center Plumbing Repairs</b> Funds are provided for repairs to exterior and interior plumbing lines; replacement of interior plumbing fixtures and partitions; and all related work.	430,000
<b>Sub-Total Military</b>	<u>\$ 4,130,000</u>
<b>Safety</b>	
<b>THP Training Center Building Upgrades</b> Funds are provided for upgrades to the building envelope, HVAC units, and all related work.	\$ 930,000
<b>THP Training Center Annex Roof Wings Replacement</b> Funds are provided for replacement of the roof of the annex building wings and all related work.	350,000
<b>THP Training Center Parking Lot Upgrades</b> Funds are provided for upgrades to the Harrison Hall parking lot and all related work.	260,000
<b>Sub-Total Safety</b>	<u>\$ 1,540,000</u>
<b>Tennessee Historical Commission</b>	
<b>Tipton-Haynes Building and Site Repairs</b> Funds are provided for repairs and restoration of multiple historic buildings, site elements, and all related work.	\$ 2,450,000
<b>Sparta Rock House Building Repairs</b> Funds are provided for repairs and restoration of the historic house and addition including the building envelopes, interior areas, and all related work.	620,000
<b>Sub-Total Tennessee Historical Commission</b>	<u>\$ 3,070,000</u>
<b>TRICOR</b>	
<b>TRICOR HQ Exterior Windows and Doors Replacement</b> Funds are provided for replacement of all exterior windows, doors, and flashing; repair of adjacent building components to include interior walls and ceilings; and all related work.	\$ 280,000
<b>Veterans Services</b>	
<b>MTSVC Stone Houses Site, Envelope and Structure Repairs</b> Funds are provided for interior and exterior repairs, site renovation, and all related work.	\$ 620,000
<b>Locally Governed Higher Education Institutions</b>	
<b>Austin Peay State University</b>	
<b>Sundquist Science Complex Roof Replacement</b> Funds are provided for replacement of the roof and all related work.	\$ 3,200,000
<b>Sundquist Science Complex Exhaust System Controls Replacement</b> Funds are provided for replacement of fume hood controls system and all related work.	1,500,000
<b>Sub-Total Austin Peay State University</b>	<u>\$ 4,700,000</u>
<b>East Tennessee State University</b>	
<b>HVAC and Steam Line Repairs Phase 1</b> Funds are provided for replacement of a chiller in the John Clack Chiller Plant, repair/replacement of associated pumps and drives, repair/replacement of steam piping and associated systems in the underground steam distribution tunnel, and all related work.	\$ 3,650,000

**Capital Maintenance Project Descriptions  
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	Total Project Cost
<p><b>Brown Hall and Shellbridge Repairs and Upgrades</b> Funds are provided for repairs and upgrades at Brown Hall and Shellbridge Main House. Project includes the repair and replacement of a structural wall at Brown Hall; repair or replacement of the MEP systems, windows, and architectural millwork at Shellbridge Main House; accessibility improvements; correction of code issues; and all related work.</p>	\$ 3,000,000
<p><b>Multiple Buildings Exterior Improvements</b> Funds are provided for removal and replacement of windows at multiple buildings on the College of Medicine Campus. Project includes appropriate flashing and weatherproofing of windows, installation of interior window trim, and all related work.</p>	2,414,000
<p><b>Multiple Buildings Roof Replacements</b> Funds are provided for repairs and replacements of roofs and drainage systems for multiple buildings including repairs to siding and soffits. Project includes all related work.</p>	2,300,000
<p><b>Sub-Total East Tennessee State University</b></p>	<b>\$ 11,364,000</b>
<b>Middle Tennessee State University</b>	
<p><b>Campus-Wide Utilities Repairs and Replacements</b> Funds are provided for repair and replacement of utilities campus wide including, but not limited to, underground electrical, steam, steam condensate, steam manhole, sanitary sewer, domestic water and backflow preventers, and stormwater infrastructure. Project includes all related work.</p>	\$ 2,955,000
<p><b>Multiple Buildings Elevator Modernization Phase 1 and 2</b> Funds are provided for modernization of elevators in multiple buildings. Project includes all related work.</p>	1,835,000
<p><b>Campus-Wide Life Safety Systems Upgrades</b> Funds are provided for upgrades to the fire alarm, fire sprinkler, and all related life safety systems campus wide. Project includes all related work.</p>	1,685,000
<p><b>Cope Building Roof Replacement</b> Funds are provided for replacement of the roof and refurbishment of wall panels on the Cope Administration Building. Project includes all related work.</p>	600,000
<p><b>Science Building HVAC and Exhaust System Upgrades</b> Funds are provided for replacement of and upgrades to HVAC components and all related work.</p>	2,000,000
<p><b>College Heights Electrical Upgrades</b> Funds are provided for repair, replacement, and upgrades of the electrical systems serving the College Heights Building. Project includes all related work.</p>	400,000
<p><b>Tennessee Livestock Roof Repair and Refurbishment</b> Funds are provided for repair and refurbishment of the metal roof of the Tennessee Livestock Building and all related work.</p>	490,000
<p><b>Sub-Total Middle Tennessee State University</b></p>	<b>\$ 9,965,000</b>
<b>Tennessee State University</b>	
<p><b>Electrical Upgrades Phase 3</b> Funds are provided for improvements of electrical systems campus wide and all related work.</p>	\$ 5,000,000
<p><b>Campus HVAC Repairs Phase 2</b> Funds are provided for repairs and upgrades of the HVAC system in the Gentry Center and all related work.</p>	3,650,000

**Capital Maintenance Project Descriptions  
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	Total Project Cost
<p><b>Campus Building Envelope and Structure Repairs Phase 2</b> Funds are provided for repairs to the metal wall system in the Gentry Center, to the windows in the Davis Humanities Building, and to the foundation and the exterior/interior of Kean Hall. Funds are also provided to address settling issues for the Floyd Payne Center Colonnade and repair windows and make exterior repairs to the Floyd Payne Center Building. Project includes all related work.</p>	\$ 1,900,000
<p><b>Goodwill Manor and Harned Hall Exterior Renovations</b> Funds are provided for renovation of building exterior components at Goodwill Manor and Harned Hall. Project includes all related work.</p>	400,000
<p><b>Crouch Hall Roof Replacement</b> Funds are provided for replacement of the roof systems at Crouch Hall and all related work.</p>	416,000
<p><b>Sub-Total Tennessee State University</b></p>	<b>\$ 11,366,000</b>
<b>Tennessee Technological University</b>	
<p><b>Steam Plant Deaerator Tank Replacement</b> Funds are provided for replacement of the deaerator tank at the Steam Plant.</p>	\$ 920,000
<p><b>Derryberry Hall Upgrades Phase 1</b> Funds are provided for upgrades to Derryberry Hall. Project includes evaluation, replacement, and updates of the MEP systems; addition of a sprinkler system; repairs to the building envelope; asbestos abatement; and all related work.</p>	1,691,000
<p><b>Campus-Wide Building Controls Upgrades Phase 1</b> Funds are provided for upgrades of pneumatic controls to digital controls on several buildings, including replacement of devices and equipment required to complete digital control of the HVAC systems. Project includes all related work.</p>	2,150,000
<p><b>Bryan Fine Arts Auditorium Upgrades</b> Funds are provided for upgrades to the MEP systems, stage lighting and sound systems, seating for ADA and code compliance, and all related work.</p>	1,506,000
<p><b>Campus-Wide Exterior Lighting Upgrades</b> Funds are provided for replacement and update of site lighting along streets, pedestrian paths, parking lots, and all related work.</p>	1,567,000
<p><b>Sub-Total Tennessee Technological University</b></p>	<b>\$ 7,834,000</b>
<b>University of Memphis</b>	
<p><b>Multiple Buildings Upgrades and Repairs</b> Funds are provided for upgrades and repairs to multiple buildings. Project includes bathroom rehabilitations; stair railings and treads; corridor doors and hardware; asbestos flooring removal and replacements; lighting replacement; fire sprinklers and HVAC unit replacements; and all related work.</p>	\$ 4,309,000
<p><b>Central Plant and CFA Building Chillers and HVAC Repairs and Replacements</b> Funds are provided for replacement and optimization of central plant chillers, balance of variable flow pumping campus wide, replacement of HVAC components in the Communication and Fine Arts building, and all related work.</p>	5,000,000
<p><b>Campus-Wide Boilers and Hot Water Pipes Repairs Phase 2</b> Funds are provided for repair and update of building heating systems campus wide and all related work.</p>	3,500,000
<p><b>Multiple Buildings Window Replacements and Brick Repairs</b> Funds are provided for replacement of windows and repair of bricks in multiple building. Project includes all related work.</p>	3,000,000

## Capital Maintenance Project Descriptions Fiscal Year 2021-2022

	Total Project Cost
<p><b>Campus-Wide Building Controls Replacement and Upgrades</b> Funds are provided for replacement of HVAC controls; upgrades to lab fume hood systems with sensors, supervisory controller, HVAC interface, air quality monitoring and reporting; and all related work.</p>	\$ 1,533,000
<b>Sub-Total University of Memphis</b>	<b>\$ 17,342,000</b>
<b>Sub-Total Locally Governed Higher Education Institutions</b>	<b>\$ 62,571,000</b>
<b>Tennessee Board of Regents</b>	
<p><b>CISCC Science Building Renovations</b> Funds are provided for renovations to the Science Building including updates and repairs to outdated systems, replacement of finishes which are worn out and damaged by water intrusion, replacement of defective windows, corrections to exterior masonry walls, renovation of existing restrooms, replacement of existing lighting, update of existing labs, and all related work.</p>	\$ 1,880,000
<p><b>PSCC Strawberry Plains Roof Replacement</b> Funds are provided for replacement of the roof systems at the Strawberry Plains Campus and all related work.</p>	1,750,000
<p><b>NaSCC Clarksville Roof Replacement</b> Funds are provided for replacement of the existing roof system at the Clarksville Campus, repairing parapets, and all related work.</p>	700,000
<p><b>NeSCC Powers and Maintenance Roof Replacements</b> Funds are provided for replacement of roofs at the Powers Math &amp; Science Building and the Maintenance Building, including coping and all related work.</p>	410,000
<p><b>TCAT Roof Repairs and Replacements Phase 4 and 5</b> Funds are provided for repair and replacement of roof systems, exterior envelope repairs and remediation, and all related work.</p>	1,370,000
<p><b>Marcum Roof Replacement and Exterior Repairs</b> Funds are provided for replacement of the roof on the Marcum Building on the Moore county campus; replacement of doors and windows in buildings that age in range from 25 to 50 years; and all related work.</p>	1,220,000
<p><b>WSCC Humanities MEP Improvements</b> Funds are provided for updates to the building HVAC, EMS, and fire sprinkler system; replacement of the fire alarm system; and all related work.</p>	1,700,000
<p><b>JSCC Nelms Classroom Building HVAC Updates</b> Funds are provided for replacement of fan coil units, air handler, and associated condensate lines and controls in the east wing of the Nelms Classroom building. Project includes all related work.</p>	890,000
<p><b>RSCC Oak Ridge and Anderson County HVAC Updates</b> Funds are provided for replacement of HVAC system components including chillers, boilers, associated pumps and devices; replacement of VAV boxes; repair of cooling tower; and all related work.</p>	1,450,000
<p><b>STCC Central Plant Updates Phase 2</b> Funds are provided for updates to building systems at multiple campus locations including a backup boiler, new chiller system, and replacement of pneumatic controlled VAV units on the Union Campus. The Allied Health Building will be disconnected from the central plant due to failing and inaccessible chilled water piping. Funds are also provided to replace valves and re-insulate HVAC lines on the Macon campus, and all related work.</p>	3,000,000

**Capital Maintenance Project Descriptions  
Fiscal Year 2021-2022**

	Total Project Cost
<p><b>TCAT Mechanical, Electrical, and Plumbing Updates Phase 2 and 3</b> Funds are provided for upgrades and/or replacement of plumbing systems and fixtures, mechanical systems and controls, sanitary drain systems, and lighting systems at multiple TCAT campuses. Projects include all related work.</p>	\$ 4,440,000
<p><b>VSCC Ramer Building ADA and Interior Upgrades</b> Funds are provided for alteration of restrooms, entrances, and interior accessible features to meet current ADA standards. Project includes all related work.</p>	410,000
<p><b>CoSCC Accessibility and Security</b> Funds are provided for updates to aged and non-ADA compliant elevator systems, exterior lighting, building access, and ADA issues to improve security, safety and accessibility across campus. Project includes all related work.</p>	950,000
<p><b>TCAT Parking and Paving Updates Phase 1 and 2</b> Funds are provided for upgrades to parking lots including repaving and making lighting improvements, repairs and/or replacement of sidewalks, and all related work.</p>	3,720,000
<p><b>ChSCC CAT Building Interior Renovations</b> Funds are provided for modernization and corrections to the CAT Building including replacement of lighting and flooring, upgrading restrooms for ADA compliance, removal of asbestos, and all related work.</p>	1,800,000
<p><b>DSCC Naifeh Building Renovations</b> Funds are provided for modernization of building systems in the science labs of the Jimmy Naifeh Building including alterations to provide accessible fume hoods, built-in equipment, and casework to rectify code and ADA deficiencies. Project includes all related work.</p>	1,250,000
<p><b>TCAT Maintenance Repairs Phase 1 and 2</b> Funds are provided for replacement of fixtures, lighting and flooring to meet ADA guidelines, floor tile abatement and replacement, window replacements, and all related work.</p>	2,280,000
<p><b>PSCC Alarm System Upgrades Phase 2</b> Funds are provided for upgrades of the fire alarm and emergency alarm system at all five campuses. Project include all related work.</p>	250,000
<p><b>ChSCC Warehouse Roof Replacement</b> Funds are provided for removal and replacement of the flashing and roof on the warehouse to include insulation and decking. Project includes all related work.</p>	280,000
<p><b>TCAT Building System Updates Phase 4</b> Funds are provided for updates to campus security including replacing door locks, upgrading existing security system, installation of security bollards, and correcting landscaping hazards. Project includes all related work.</p>	170,000
<p><b>TCAT McKenzie Plumbing Repairs</b> Funds are provided for replacement and repair of the original plumbing in the shop areas including fixtures, water piping, floor drains, sanitary sewer lines, and all related work.</p>	300,000
<p><b>NaSCC Interior and Exterior Updates</b> Funds are provided for interior and exterior updates at the Southeast Campus to include updates to two science labs and one culinary lab. Project includes replacement of hoods, HVAC components, lighting fixtures, and related electrical; replacement of plumbing fixtures and piping repairs; repair and refinish exterior coating; and all related work.</p>	550,000
<b>Sub-Total Tennessee Board of Regents</b>	<b>\$ 30,770,000</b>

**Capital Maintenance Project Descriptions  
Fiscal Year 2021-2022**

	Total Project Cost
<b>University of Tennessee</b>	
<b>UTM EPS Building Systems Upgrades</b>	\$ 9,870,000
Funds are provided for upgrades of building systems in the Engineering Physical Sciences Building. Upgrades include the replacement of the existing 2 pipe system, addition of ductwork for the new VAV system, replacement of plumbing, electrical secondary panels, and asbestos abatement. A new mechanical room will be required to support the work. Project includes upgrades to finishes and all related work.	
<b>UTC Multiple Buildings Roof Replacements</b>	5,030,000
Funds are provided for replacement of roofs and parapets at multiple building including masonry repairs and all related work.	
<b>UTHSC Campus Police Building Upgrades</b>	8,000,000
Funds are provided for upgrades to correct life safety issues to meet state fire marshal code requirements. Funds support upgrades to building finishes and all related work.	
<b>UTIA CRC/MAST, BESS, &amp; JARTU Improvements</b>	7,120,000
Funds are provided for replacement of air handling equipment, including variable air volume boxes and associated piping and controls. Funds support reconfiguration of mechanical room at CRC/MAST. Project includes all related work.	
<b>UTK Multiple Building Systems Improvements</b>	4,000,000
Funds are provided for improvements to various building systems in multiple buildings. Funds support replacement of plumbing fixtures and installation of systems to keep chilled water loops cleaner and improve heat transfer. Project includes all related work.	
<b>UTC Multiple Buildings Elevator Upgrades</b>	2,330,000
Funds are provided for modernizations and upgrades to elevators at multiple buildings on the UTC campus. Project includes all related work.	
<b>Statewide Facilities Space Analytics</b>	1,000,000
Funds are provided for facilities analytics to aid in future capital requests. Funds support an evaluation of the quality of facilities space and percentage of utilization to be used in conjunction with annual facilities assessments.	
<b>UTIA Morgan Hall Envelope Repairs</b>	4,950,000
Funds are provided for restoration of exterior masonry and replacement of windows and exterior doors. Funds support roof replacement at the Mechanical Equipment Building that serves Morgan Hall including flashing, downspouts, and new brick exterior walls. Project includes all related work.	
<b>UTHSC Multiple Buildings Roof Replacements</b>	5,000,000
Funds are provided for replacement of roofs and repair of parapets and flashing for multiple buildings. Project includes all related work.	
<b>UTM Elam Center Mall Glass Replacement</b>	4,130,000
Funds are provided for replacement of the Elam Center Mall glass roof structure that covers the east side of the building to include a covered standing seam roof with natural light and new LED light fixtures. Project includes all related work.	
<b>UTC Multiple Buildings Envelope Repairs Phase 1</b>	4,480,000
Funds are provided for masonry repair, windows, exterior doors, exterior store front systems, and roof system replacements for the Fine Arts Center and Founders Hall. Project includes all related work.	
<b>UTK Multiple Buildings HVAC Improvements Phase 1</b>	4,000,000
Funds are provided for HVAC improvements to multiple buildings including replacement of air handlers and obsolete equipment. Project includes all related work.	
<b>Sub-Total University of Tennessee</b>	<b>\$ 59,910,000</b>
<b>Grand Total Capital Maintenance</b>	<b>\$ 278,771,000</b>

## Proposed Facilities Revolving Fund (FRF) Project Descriptions Fiscal Year 2021-2022

**Objective: Provide efficient management of state facilities.**

	Total Project Cost
<b>Capital Improvements:</b>	
<p><b>State Museum Storage Building</b></p> <p>Funds are provided for the construction of a facility to store museum artifacts for the State Museum. Funds also support the relocation of museum artifacts that require unique care, including conservation treatments and specialized crating. Future insurance proceeds and FEMA funding received due to the March 2020 tornado damage may replace requested state appropriations.</p>	\$ 32,500,000
<p><b>Multi-Agency Law Enforcement Training Center</b></p> <p>Funds are provided for the design of a consolidated training campus to include indoor and outdoor training sites, housing and food service facilities, administrative offices, Emergency Vehicle Obstacle Course track, and agency service centers.</p>	23,000,000
<p><b>Legislative Plaza Renovations</b></p> <p>Funds are provided for the design of renovations of the office level of Legislative Plaza to include offices, a new State War Museum, conference center, and Capitol Visitor Center. Renovations to include new exterior access from Sixth Avenue North and new mechanical, electrical, and plumbing systems throughout, and all related work.</p>	6,000,000
<p><b>2022 Office Space Reduction Plan</b></p> <p>Funds are provided for interior renovations of State-owned and leased space to aid in the reduction of the footprint of office space statewide. Interior renovation to include new finishes, restroom upgrades, LED lighting upgrades, furniture, reconfiguration of space within the current moveable furniture guidelines, all associated electrical and data, and all related work.</p>	25,000,000
<b>Total Capital Improvements</b>	<b>\$ 86,500,000</b>
<b>Capital Maintenance:</b>	
<p><b>War Memorial Building Exterior and Interior Renovations</b></p> <p>Funds are provided for completion of exterior and interior renovation, including roofing, windows, and doors; mechanical, electrical, and plumbing systems; finishes, furniture, and lighting; ADA upgrades, including auditorium elevator expansion; and all related work.</p>	\$ 106,000,000
<p><b>TN Tower Fire Alarm and Fire Suppression Upgrades</b></p> <p>Funds are provided for replacement of the fire alarm control panel and all fire alarm devices with a fully addressable system; replacement of fire pumps, controllers, valves, fire sprinkler fittings on lower floors; and all related work.</p>	13,480,000
<p><b>TPS Complex Utility Pole Replacements and Removal</b></p> <p>Funds are provided for replacement and removal of multiple power poles and all related work.</p>	1,800,000
<p><b>Ellington Agricultural Jennings and Holeman Buildings Exterior and Interior Upgrades</b></p> <p>Funds are provided for exterior and interior upgrades at the Jennings and Holeman Buildings. Upgrades to the Jennings Building include replacement of roofing system, repair and replacement of windows, shutters, exterior doors, railing, and other envelope materials. Upgrades to the Holeman Building include replacement of roof and windows, ADA building access upgrades, exterior repairs, HVAC replacement, fire alarm replacement, and interior finish upgrades. Project includes all related work.</p>	8,600,000
<p><b>TBI Headquarters Mechanical Upgrades</b></p> <p>Funds are provided for replacement of water-cooled chillers, natural-gas boilers, cooling tower, upgrades to the building automation system, and all related work.</p>	17,240,000
<p><b>Clover Bottom Mansion Fan Coil Replacement</b></p> <p>Funds are provided for replacement of fan coil units and all related work.</p>	1,180,000

**Proposed Facilities Revolving Fund (FRF) Project Descriptions  
Fiscal Year 2021-2022**

	<u>Total Project Cost</u>
<b>Rachel Jackson First Floor Renovations</b>	\$ 910,000
Funds are provided for interior renovations of partial first floor office space, including associated mechanical, electrical, and plumbing system upgrades and all related work.	
<b>Total Capital Maintenance</b>	<u><b>\$ 149,210,000</b></u>
<b>Grand Total FRF Capital Outlay</b>	<u><b>\$ 235,710,000</b></u>