

# Capital Appropriations Expenditure Report

In fulfillment of MN 135A.046 subd. 3 and

In fulfillment of 2020 Minn. Laws Chap. 3 Art. 1 Sec. 2 Subd. 7 and

In fulfillment of 2023 Minn. Laws Chap. 72 Art. 1 Sec. 2 Subd. 5

January 2024



UNIVERSITY OF MINNESOTA

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# Major Projects - Spending Status

Year	Major Projects Allocation	% Spent or Encumbered Under Contract	% Spent, Encumbered or Otherwise Obligated to Projects
2020	\$ 36,886,000	97%	97%
2023	\$ 92,600,000	76%	100%

## Notes

Session Laws 2020 and 2023 state that, “Upon substantial completion of a project authorized in this section and after written notice to the commissioner of management and budget, the Board of Regents must use any money remaining in the appropriation for that project for HEAPR under Minnesota Statutes, section 135A.046.”

No funding for the Major Projects included in this report has been converted to HEAPR at this time.

## Definitions

Allocation: The State appropriation for each project.

Spent: The amount the University has paid to contractors from signed contracts.

Encumbered: This includes:

- a. Project amount specifically under contract with a general contractor, architect, engineer, or other vendor.
- b. Internal project where work has begun and/or internal purchase order/work has been completed.

Obligated: Funds required to complete the project that are not yet under contract.

Percentages are rounded



# HEAPR - Spending Status

Year	HEAPR Allocation	% Spent or Encumbered Under Contract	% Spent, Encumbered or Otherwise Obligated to Projects
2020	\$ 38,495,000	93%	99%
2023	\$ 43,350,000	36%	80%

## Notes

The University routinely reallocates HEAPR funds to eligible campus projects. As projects are completed any remaining funds are reallocated to the next highest priority campus HEAPR project. The spending report represents the current status and actual amount spent on each HEAPR project.

## Definitions

Allocation: The State appropriation for each project.

Spent: The amount the University has paid to contractors from signed contracts.

Encumbered: This includes:

- a. Project amount specifically under contract with a general contractor, architect, engineer, or other vendor.
- b. Internal project where work has begun and/or internal purchase order/work has been completed.

Obligated: Funds required to complete the project that are not yet under contract.

Percentages are rounded



# Applicable Statutes

## **135A.046 ASSET PRESERVATION AND REPLACEMENT.**

### **Subdivision 1. Purpose.**

The legislature recognizes that postsecondary governing boards operate campus physical plants that in number, size, and programmatic use differ significantly from the physical plants operated by state departments and agencies. However, the legislature recognizes the need for standards to aid in categorizing and funding capital projects. The purpose of this section is to provide standards for those higher education projects that are intended to preserve and replace existing campus facilities.

### **Subd. 2. Standards.**

Capital budget expenditures for Higher Education Asset Preservation and Replacement (HEAPR) projects must be for one or more of the following: code compliance including health and safety, Americans with Disabilities Act requirements, hazardous material abatement, access improvement, or air quality improvement; building energy efficiency improvements using current best practices; or building or infrastructure repairs necessary to preserve the interior and exterior of existing buildings; or renewal to support the existing programmatic mission of the campuses. Up to ten percent of an appropriation awarded under this section may be used for design costs for projects eligible to be funded from this account in anticipation of future funding from the account.

### **Subd. 3. Reporting priorities.**

Each postsecondary governing board shall establish priorities within its Higher Education Asset Preservation and Replacement projects. By January 15 of each year, it shall submit to the commissioner of management and budget and to the chairs of the higher education finance divisions, the senate Finance Committee, and the house of representatives Capital Investment Committee a list of the projects that have been paid for with money from a higher education asset preservation and replacement appropriation during the preceding calendar year as well as a list of those priority projects for which Higher Education Asset Preservation and Replacement appropriations will be sought in that year's legislative session.

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## **3.197 REQUIRED REPORTS.**

A report to the legislature must contain, at the beginning of the report, the cost of preparing the report, including any costs incurred by another agency or another level of government.

Per the requirements set forth in Minnesota Statue 3.197, the cost to prepare this report was \$300.



# University of Minnesota

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(A) Project Name	(B) Appropriation Amount	(C) Spent and/or Encumbered	(D) Obligated	(E) (B-C-D) Unencumbered	(F) Status	(G) Estimated Occupancy	(H) Comments
<b>2023 State Capital Appropriations: Major Projects</b>							
Fraser Chemistry Undergraduate Teaching Facility	92,600,000	70,681,303	21,918,697	0	Construction	9/9/2025	
<b>Subtotal - '23 Appropriations: Major Projects</b>	<b>92,600,000</b>	<b>70,681,303</b>	<b>21,918,697</b>	<b>0</b>			
<b>2023 State Capital Appropriations: HEAPR Projects</b>							
<b>Completed Projects</b>	2,245	2,245	0	0			
Campus Wide Emergency Renewal	6,506,736	0	0	6,506,736	Programming	Unknown	
Campus Wide Smart Labs Infrastructure Renewal	500,000	0	0	500,000	Programming	Unknown	
East Bank Chilled Water Connections	700,000	632,000	68,000	0	Construction	10/1/2024	
Fieldhouse Accessible Restroom Upgrade	750,000	54,521	695,479	0	Schematic Design	9/1/2024	
Mayo NMR Secondary Switchgear Replcmnt	3,500,000	3,019,842	480,158	0	Design Development	5/17/2024	
Campus Wide Como Area High Voltage Gear	4,000,000	4,000,000	0	0	Programming	11/30/2024	
Shepherd Hall Mechanical Capital Renewal	1,704,597	0	1,704,597	0	Construction Documents	12/30/2025	
MCB Valves and Controls Replacement	750,000	750,000	0	0	Construction	9/12/2024	
717 Delaware Window/Walls Water Infiltration	1,500,000	93,474	1,406,526	0	Schematic Design	8/28/2026	
Anderson Hall Structural Repairs	734,088	615,501	118,587	0	Construction	10/1/2024	
Mondale Hall Accessible Restroom Upgrade	150,000	0	0	150,000	Programming	Unknown	
Mondale Hall Partial Roof Replacement	605,000	31,693	573,307	0	Procurement	5/17/2024	
Mondale Hall Fire Sprinkler Renewal	875,000	54,907	820,093	0	Construction	10/1/2024	
Andersen Library Exterior Envelope Repairs	1,800,000	0	1,800,000	0	Construction Documents	8/30/2024	
2023 Elevator Modernizations	5,350,000	290,354	5,059,646	0	Schematic Design	12/31/2024	
Hasselmo Hall Roof Design	3,000,000	62,732	2,937,268	0	Schematic Design	9/20/2024	
Vet Med Center South Fire Alarm/Sprinkler	1,100,000	56,125	1,043,875	0	Schematic Design	9/6/2024	
Vet Science Fire Alarm Installation	500,000	3,718	496,282	0	Design Development	9/1/2024	
Necropsy/Digester Air Handling Unit	572,500	572,500	0	0	Schematic Design	12/31/2025	
Borlaug Hall Accessible Restroom Upgrade	150,000	0	0	150,000	Programming	Unknown	
Ecology Building Exterior Leak Corrections	1,725,000	1,176,001	548,999	0	Procurement	9/1/2024	
UMD Engineering Bldg Prioritized Lab Cooling	381,226	381,226	0	0	Construction	9/30/2024	
UMD AB Anderson HVAC Replcmnt at Lower Level	3,500,000	3,500,000	0	0	Construction	8/30/2024	
UMM Campus Utility Storm & Sanitary Upgrades	120,000	0	120,000	0	Procurement	7/31/2024	
UMM Critical Infrastructure Renewal	505,845	255,644	250,201	0	Construction	7/31/2024	
UMM Heating Plant Ventilation Fan Upgrades	67,992	57,992	10,000	0	Construction	3/29/2024	
UMM Heating Plant Controls/Commissioning Upgrades	50,000	24,676	25,324	0	Construction	6/30/2024	
UMM Humanities Fine Arts Roof Replacement	314,358	133,862	180,496	0	Construction	7/31/2024	
UMC Critical Infrastructure Renewal	269,718	0	0	269,718	Programming	Unknown	
UMC Owen Hall Exterior Façade Renewal	595,000	0	0	595,000	Programming	Unknown	
SWROC Unallocated HEAPR Balances	2,780	0	0	2,780	Programming	Unknown	
SWROC Res Equip Bldg Roof Replacement	20,000	20,000	0	0	Construction	7/31/2024	
WCROC Swine Nursery Emergency Generator	75,000	0	75,000	0	Procurement	6/30/2024	
NWROC Sanitary Sewer System Repair	80,000	1,360	78,640	0	Procurement	7/31/2024	
SROC Unallocated HEAPR Balances	75,000	0	0	75,000	Programming	Unknown	
SROC Main Office Roof Replacement	95,000	0	95,000	0	Procurement	8/31/2024	
SROC Main Office Stucco Renewal	50,000	0	50,000	0	Procurement	8/31/2024	
Rosemount Shop Bldg Roof Replacement	150,000	0	0	150,000	Programming	Unknown	
HRC Multiple Roof Replacements	330,359	0	0	330,359	Programming	Unknown	

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(A) Project Name	(B) Appropriation Amount	(C) Spent and/or Encumbered	(D) Obligated	(E) (B-C-D) Unencumbered	(F) Status	(G) Estimated Occupancy	(H) Comments
Itasca Lodging Ext Envelope Renewal	78,060	0	0	78,060	Programming	Unknown	
Cedar Creek Unallocated HEAPR Balances	3,465	0	0	3,465	Programming	Unknown	
Cedar Creek Bur Oak House Septic Replcmnt	39,031	2,324	36,707	0	Design Development	5/31/2024	
Cedar Creek Brown Barn & Green Shop Roofs	35,000	29,441	0	5,559	Pacloseout	Occupied	
Hubachek Campus Water Distribution Renewal	37,000	0	0	37,000	Programming	Unknown	
<b>Subtotal - '23 Appropriations: HEAPR Projects</b>	<b>43,350,000</b>	<b>15,822,136</b>	<b>18,674,186</b>	<b>8,853,678</b>			
<b>Total - 2023 State Capital Appropriations</b>	<b>135,950,000</b>	<b>86,503,440</b>	<b>40,592,883</b>	<b>8,853,678</b>			
<b><u>2020 State Capital Appropriations: Major Projects</u></b>							
Institute of Child Development Bldg Replacement	29,200,000	28,130,008	0	1,069,992	Pacloseout	8/17/2022	
Fraser Hall Chemistry Undergraduate Teaching Facility	3,286,000	3,286,000	0	0	Construction	9/9/2025	
A.B. Anderson Hall Renovation	4,400,000	4,400,000	0	0	Construction	8/30/2024	
<b>Subtotal - '20 Appropriations: Major Projects</b>	<b>36,886,000</b>	<b>35,816,008</b>	<b>0</b>	<b>1,069,992</b>			
<b><u>2020 State Capital Appropriations: HEAPR Projects</u></b>							
<b>Completed Projects</b>	19,322,752	19,322,752	0	0			
Pattee Hall Roof Replacement	285,778	140,356	0	145,422	Substantial Completion	Occupied	
Shepherd Lab Floors 3-5 Renovation	1,917,403	0	1,917,403	0	Construction Documents	12/30/2025	
PWB Generator & Fire Pump Replacement	16,624	13,974	2,651	0	Construction Documents	9/30/2024	
Weisman Automatic Fire Suppression System	1,705,181	1,705,181	0	0	Pacloseout	Occupied	
NHH Fume Exhaust Replacement	1,000,000	1,000,000	0	0	Construction	6/1/2024	
Mech Eng Phase III Renewal	11,829,611	11,829,611	0	0	Pacloseout	Occupied	
Animal Sci/Vet Med Accessible Restroom	172,250	148,126	24,124	0	Construction	3/31/2024	
Ecology Building Exterior Leak Corrections	61,500	61,500	0	0	Procurement	8/31/2024	
UMD Med School Generator Replacement	108,436	30,153	78,284	0	Procurement	6/30/2024	
UMM Campuswide Controls Renewal Phase II	87,907	87,907	0	0	Construction	3/31/2024	
UMM Electronic Door Access/Security	140,439	137,871	0	2,567	Pacloseout	Occupied	
UMM Multi-Ethnic Res Ctr Elev Installation-Design	72,125	72,125	0	0	Design Development	9/25/2025	
UMM Heating Plant Chiller Control Panel	269,228	265,261	3,967	0	Construction	3/31/2024	
UMM New Ground Source Heat Pump System	29,000	29,000	0	0	Design Development	9/25/2025	
UMM HFA HVAC Mechanical Upgrades	15,000	15,000	0	0	Construction	3/31/2024	
Crookston Project Balances	73,412	0	0	73,412	Programming	Unknown	
UMC Campus Wide Electrical Distribution Phase 3	659,658	659,658	0	0	Construction	7/31/2023	
CFANS Project Balances	5,229	0	0	5,229	Programming	Unknown	
NCROC Admin Bldg Heating & Cooling RTU Replacemen	50,000	16,400	33,600	0	Construction Documents	6/30/2024	
SWROC Res Equip Bldg Roof Replacement	22,780	22,780	0	0	Construction	6/30/2024	
WCROC Project Balances	24,502	0	0	24,502	Programming	Unknown	
WCROC Replace Underground Fuel Tanks	130,720	128,428	0	2,293	Substantial Completion	Occupied	
SROC Replace Underground Fuel Tanks	130,000	117,053	0	12,947	Substantial Completion	Occupied	
HRC Multiple Roof Replacements	7,084	0	0	7,084	Programming	Unknown	
Itasca Lodging Thermal Pane Windows	28,205	0	28,205	0	Procurement	3/31/2024	

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Hubachek Critical Infrastructure Renewal	35,000	25,750	9,250	0	Construction Documents	3/31/2024	
Hubachek Domestic Water Distribution	295,177	67,953	227,223	0	Construction Documents	3/31/2024	
<b>Subtotal - '20 Appropriations: HEAPR Projects</b>	<b>38,495,000</b>	<b>35,896,838</b>	<b>2,324,707</b>	<b>273,455</b>			
<b>Total - 2020 State Capital Appropriations</b>	<b>75,381,000</b>	<b>71,712,846</b>	<b>2,324,707</b>	<b>1,343,447</b>			
<b>Grand Totals - 2020 to 2023</b>	<b>211,331,000</b>	<b>158,216,286</b>	<b>42,917,589</b>	<b>10,197,125</b>			

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Project Name	Appropriation Amount	Spent and/or Encumbered	Obligated	(B-C-D) Unencumbered	Status	Estimated Occupancy	Comments

## Notes:

### 1) Definitions of columns:

- B. Appropriation Amount: The state appropriation for each project. Although HEAPR funds are appropriated in a block of funds, they are detailed in this report by the University's allocation.
- C. Spent or Encumbered: This includes three categories.
  - a. Amount the University has paid to contractors from signed contracts.
  - b. Project amount specifically under contract with a general contractor, architect, engineer, or other vendor.
  - c. Internal project where work has begun and/or internal purchase order/work has been completed.
- D. Obligated: Funds required to complete the project that are not yet under contract.
- E. Unencumbered: Contingency funds remaining in the project after the construction phase.

### 2) Definitions of project phases:

- a. Programming: Defining in detail the scope of the project, describing the facility components required to accommodate the academic/operational program, and establishing the functional and physical relationships of those components.
- b. Schematic Design Development: Evaluating alternatives for meeting the project program and establishing the general size, shape, and massing of building elements; exterior finishes; and Design Development criteria for structural, mechanical, and electrical systems.
- c. Design Development: Developing the preliminary Design Development into a detailed Design Development that establishes final floor plans, building elevations, interior and exterior materials, room finishes, building systems, furnishings, and equipment.
- d. Construction Documents: Preparing detailed drawings and specifications required to obtain bids and to describe and direct the construction work.
- e. Procurement: Soliciting bids from contractors for completing the work described in the construction documents.
- f. Construction: Mobilizing of the contractor's equipment, purchasing of building materials, and implementing the work described in the construction documents.
- g. Substantial Completion: Completing work on the project to a point that the Owner can occupy and use the facility for its intended use.
- h. Pacloseout: Making final payments to contractors and vendors, closing all contracts, and preparing the final project accounting.



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(A) Project Name	(B) Appropriation Amount	(C) Spent and/or Encumbered	(D) Obligated	(E) (B-C-D) Unencumbered	(F) Status	(G) Estimated Occupancy	(H) Comments
<b><u>Summary of University State Capital Appropriations</u></b>							
<b><u>Total Dollars by Status</u></b>							
2023 Appropriations							
Major Projects	92,600,000	70,681,303	21,918,697	0			
HEAPR Projects	43,350,000	15,822,136	18,674,186	8,853,678			
Subtotal	135,950,000	86,503,440	40,592,883	8,853,678			
2020 Appropriations							
Major Projects	36,886,000	35,816,008	0	1,069,992			
HEAPR Projects	38,495,000	35,896,838	2,324,707	273,455			
Subtotal	75,381,000	71,712,846	2,324,707	1,343,447			
Major Projects	129,486,000	106,497,311	21,918,697	1,069,992			
HEAPR Projects Only	81,845,000	51,718,975	20,998,892	9,127,133			
<b>Grand Total: 2020-2023 Appropriations</b>	<b>211,331,000</b>	<b>158,216,286</b>	<b>42,917,589</b>	<b>10,197,125</b>			
<b><u>Total Percent by Status</u></b>							
2023 Appropriations							
Major Projects	92,600,000	76%	24%	0%			
HEAPR Projects	43,350,000	36%	43%	20%			
Subtotal	135,950,000	64%	30%	7%			
2020 Appropriations							
Major Projects	36,886,000	97%	0%	3%			
HEAPR Projects	38,495,000	93%	6%	1%			
Subtotal	75,381,000	95%	3%	2%			
Major Projects	129,486,000	82%	17%	1%			
HEAPR Projects Only	81,845,000	63%	26%	11%			
<b>Grand Total: 2020-2023 Appropriations</b>	<b>211,331,000</b>	<b>75%</b>	<b>20%</b>	<b>5%</b>			

*Project priorities may be adjusted to reflect facility condition changes and final cost estimates.*

	Category	Location	Project Title	\$500M
<b>CROOKSTON CAMPUS</b>				
1	Utility Infrastructure	Heating Plant	Critical improvements for reliability	\$ 6,000,000
2	Mechanical	Sahlstrom Conference Center	Electric distribution replacement	\$ 1,250,000
3	Building Envelope	Lysaker Gym	Structural analysis and remediation	\$ 500,000
4	Building Envelope	Owen Hall	Life safety/code upgrades and roof replacement	\$ 350,000
5	Utility Infrastructure	Campus Natural Gas Distribution	Natural gas distribution stabilization	\$ 300,000
6	Life Safety / Code	Crookston Campus	Fire panel upgrades; multiple buildings	\$ 250,000
7	Mechanical	Crookston Campus	Building controls upgrade	\$ 250,000
8	Utility Infrastructure	Crookston Campus	Geothermal heating conversion - phase 1	\$ 250,000
9	Building Envelope	Kiehl Hall	Roof replacement	\$ 250,000
10	Life Safety / Code	Owen Hall	Life safety and code upgrade	\$ 200,000
11	Mechanical	Early Childhood Building	HVAC renewal	\$ 125,000
12	Building Envelope	Hill Hall	Roof replacement	\$ 125,000
13	Life Safety / Code	Crookston Campus	Critical infrastructure renewal	\$ 123,681
				<b>\$ 9,973,681</b>
<b>DULUTH CAMPUS</b>				
14	Mechanical	Heller Hall	HVAC and code renewal	\$ 15,750,000
15	Mechanical	Humanities	HVAC and code renewal	\$ 15,750,000
16	Mechanical	Library Annex	HVAC and code renewal	\$ 8,000,000
17	Building Envelope	Marshall W Alworth Hall	Roof replacement	\$ 2,016,158
18	Building Envelope	A.B. Anderson Hall	Roof replacement	\$ 800,000
19	Utility Infrastructure	Duluth Campus	Electrical feeder switch replacement	\$ 750,000
20	Building Envelope	Sports and Health Center	Roof replacement	\$ 600,000
21	Building Envelope	Voss Kovach Hall	Roof replacement	\$ 600,000
22	Mechanical	Weber Music Hall	Lighting controls	\$ 500,000
				<b>\$ 44,766,158</b>
<b>MORRIS CAMPUS</b>				
23	Life Safety / Code	Multi-Ethnic Resource Center	Code and life safety improvements	\$ 6,000,000
24	Multiple	Behmler Hall	HVAC, windows and fire sprinkler	\$ 3,075,000
25	Life Safety / Code	Briggs Library	Code and life safety improvements	\$ 2,350,000
26	Life Safety / Code	Cougar Sports Center	Code and life safety improvements	\$ 1,700,000
27	Utility Infrastructure	Morris Campus	Storm and sanitary sewer renewal	\$ 600,000
28	Multiple	Science Complex	Capital renewal	\$ 560,000
29	Life Safety / Code	Humanities Fine Arts	Handrail and guardrail code upgrade - phase 2	\$ 150,000
30	Utility Infrastructure	Morris Campus	Chilled water system improvements	\$ 120,000
31	Building Envelope	Blakely Hall	Masonry restoration and accessibility plan	\$ 85,000
32	Building Envelope	Student Center	Exterior envelope improvements	\$ 80,000
33	Building Envelope	Shops	Roof replacement	\$ 70,000
34	Life Safety / Code	Morris Campus	Critical infrastructure renewal	\$ 29,764
				<b>\$ 14,819,764</b>
<b>RESEARCH AND OUTREACH CENTERS AND FIELD STATIONS</b>				
35	Multiple	Southern Research and Outreach (Waseca)	Address 13 projects in 11 buildings including HVAC, plumbing and roofs.	\$ 2,356,342

*Project priorities may be adjusted to reflect facility condition changes and final cost estimates.*

	Category	Location	Project Title	\$500M
36	Multiple	West Central Research and Outreach (Morris)	Address 9 projects in 8 buildings including roofs, siding, and windows.	\$ 2,283,738
37	Multiple	Hubachek Wilderness Research (Ely)	Address 12 projects in 5 buildings, including multiple roofs, ADA restrooms, windows, and electrical feeders for the entire campus.	\$ 1,280,446
38	Multiple	Rosemount Research and Outreach (Rosemount)	Address 14 projects in 12 buildings including structural repair, building envelopes, and roofs.	\$ 1,108,867
39	Multiple	Itasca (Lake Itasca)	Address 10 projects in 10 buildings including foundation reconstruction, envelope renewal, and geothermal conversion.	\$ 1,065,584
40	Multiple	Horticultural Research Center (Chanhassen)	Address 2 projects in the Lab and Main Office for HVAC and roof, as well as various site safety improvements.	\$ 1,016,461
41	Multiple	Northwest Research and Outreach (Crookston)	Address 6 projects in 3 buildings including fire life safety, code and ADA.	\$ 963,658
42	Multiple	North Central Research and Outreach (Grand Rapids)	Address 9 projects in 7 buildings including electrical infrastructure, LED lighting, and campus wastewater infrastructure renewal.	\$ 937,258
43	Multiple	Southwest Research and Outreach (Lamberton)	Address 10 projects in 8 buildings including roofs, fire alarms, and building controls.	\$ 914,547
44	Multiple	Cedar Creek (East Bethel)	Address 10 projects in 7 buildings including campus wide fire suppression, septic system replacement, and multiple ADA improvements.	\$ 735,146
45	Multiple	Landscape Arboretum (Chanhassen)	Address ADA restrooms in the Snyder building.	\$ 270,616
				<b>\$ 12,932,663</b>

### TWIN CITIES CAMPUS

46	Multiple	Campuswide	Space utilization driven code and mechanical upgrades	\$ 25,000,000
47	Multiple	Food Science & Nutrition	Capital renewal - phase 1	\$ 25,000,000
48	Mechanical	Moos Tower	HVAC, electrical and plumbing renewal	\$ 25,000,000
49	Life Safety / Code	Moos Tower	Code compliance upgrades	\$ 20,000,000
50	Mechanical	Phillips Wangenstein Bldg (PWB)	HVAC, electrical and plumbing renewal	\$ 20,000,000
51	Life Safety / Code	Phillips Wangenstein Bldg (PWB)	Code compliance upgrades	\$ 15,000,000
52	Energy Efficiency	UMTC Campus Wide	Geothermal conversion	\$ 15,000,000
53	Energy Efficiency	UMTC Campus Wide	Steam to Hot water conversion	\$ 15,000,000
54	Energy Efficiency	UMTC Campus Wide	Research labs infrastructure renewal	\$ 15,000,000
55	Building Envelope	Washington Ave Pedestrian Bridge	Replace pedestrian enclosure and railings	\$ 15,000,000
56	Multiple	Eddy Hall	Capital renewal	\$ 12,000,000
57	Multiple	Cooke Hall	HVAC and code improvements	\$ 10,000,000
58	Life Safety / Code	Moos Tower	Elevator modernization	\$ 9,500,000
59	Building Envelope	Heller Hall	Window replacement and tuckpointing	\$ 7,500,000
60	Building Envelope	Social Sciences	Window replacement and tuckpointing	\$ 7,500,000
61	Life Safety / Code	Phillips Wangenstein Bldg (PWB)	Fire Pump and generator replacement	\$ 6,750,000
62	Building Envelope	Vincent Hall	Window replacement	\$ 6,500,000
63	Life Safety / Code	UMTC Campus Wide	Critical life safety and code renewal	\$ 6,372,734
64	Building Envelope	West Bank District	Upper plaza waterproofing and repair	\$ 6,000,000
65	Utility Infrastructure	UMTC Campus Wide	Critical utility infrastructure renewal	\$ 5,975,000
66	Mechanical	UMTC Campus Wide	Critical mechanical system renewal	\$ 5,975,000

*Project priorities may be adjusted to reflect facility condition changes and final cost estimates.*

	<b>Category</b>	<b>Location</b>	<b>Project Title</b>	<b>\$500M</b>
67	Building Envelope	UMTC Campus Wide	Critical building envelope renewal	\$ 5,975,000
68	Life Safety / Code	Weaver Densford	Elevator modernization	\$ 5,670,000
69	Building Envelope	Pattee Hall	Exterior envelope, foundation and waterproofing	\$ 5,500,000
70	Multiple	Poultry Teaching Facility	HVAC, roof and lighting renewal	\$ 5,000,000
71	Building Envelope	West Bank District	Wilson Plaza waterproofing and repair	\$ 5,000,000
72	Mechanical	Andersen Library	HVAC renewal	\$ 4,600,000
73	Life Safety / Code	Burton Hall	Exterior facade and entrance renewal	\$ 4,500,000
74	Building Envelope	McNeal Hall	Window replacement	\$ 4,250,000
75	Building Envelope	West Bank District	Heller Hall Plaza waterproofing	\$ 4,000,000
76	Utility Infrastructure	Kolthoff Hall	Secondary electrical room code improvements	\$ 3,750,000
77	Building Envelope	717 Delaware	Water infiltration repairs - phase 2	\$ 3,500,000
78	Utility Infrastructure	717 Delaware	Secondary switchgear replacement	\$ 3,500,000
79	Building Envelope	Barker Dance	Exterior envelope renewal	\$ 3,500,000
80	Building Envelope	Biological Sciences	Window replacement, tuckpointing and screens	\$ 3,500,000
81	Life Safety / Code	Elliott Hall	Fire sprinkler installation	\$ 3,500,000
82	Building Envelope	Shevlin Hall	Exterior envelope upgrades	\$ 3,500,000
83	Building Envelope	Animal Sciences / Vet Med	Window replacement	\$ 3,000,000
84	Building Envelope	Civil Engineering	Concrete waterproofing and replacement	\$ 3,000,000
85	Life Safety / Code	Ferguson Hall	Fire sprinkler extension and renewal	\$ 3,000,000
86	Building Envelope	Elliott Hall	Roof replacement	\$ 2,800,000
87	Building Envelope	Molecular Cellular Biology (MCB)	Expansion joint and plaza waterproofing	\$ 2,750,000
88	Mechanical	Molecular Cellular Biology (MCB)	HVAC valves and controls replacement	\$ 2,750,000
89	Building Envelope	Moos Tower	North plaza water infiltration	\$ 2,750,000
90	Life Safety / Code	Andersen Library	Cavern fire protection	\$ 2,500,000
91	Building Envelope	Green Hall	Window replacement and tuckpointing	\$ 2,500,000
92	Building Envelope	McNeal Hall	Roof and curtain wall replacement	\$ 2,500,000
93	Building Envelope	Kolthoff Hall	Roof replacement	\$ 2,200,000
94	Life Safety / Code	Vincent Hall	Fire sprinkler installation	\$ 2,000,000
95	Building Envelope	Blegen Hall	Window replacement and tuckpointing	\$ 1,900,000
96	Mechanical	Learning and Environmental Sci	HVAC and code improvements	\$ 1,800,000
97	Mechanical	St Paul Gym	Air Handling Unit replacement	\$ 1,750,000
98	Mechanical	KE Dwan	HVAC Controls	\$ 1,700,000
99	Life Safety / Code	Heller Hall	Elevator modernization	\$ 1,600,000
100	Mechanical	Biological Sciences	HVAC centralized manifold exhaust	\$ 1,500,000
101	Life Safety / Code	Burton Hall	Fire alarm and sprinkler upgrade	\$ 1,500,000
102	Utility Infrastructure	East Bank	Chilled water distribution - phase 2	\$ 1,500,000
103	Building Envelope	Engineering and Fisheries	Roof replacement	\$ 1,500,000
104	Building Envelope	Phillips Wangensteen Bldg (PWB)	Precast panel joint sealant renewal	\$ 1,500,000
105	Mechanical	Gortner	Electrical improvements	\$ 1,250,000
106	Mechanical	Snyder	Electrical improvements	\$ 1,250,000
107	Life Safety / Code	Children's Rehab	Elevator modernization	\$ 1,240,000
108	Life Safety / Code	KE Dwan	Fire alarm replacement	\$ 1,200,000
109	Building Envelope	Mondale Hall	Water infiltration remediation	\$ 1,200,000
110	Life Safety / Code	Borlaug Hall	Elevator modernization	\$ 1,100,000
111	Life Safety / Code	Soils	Loading dock safety improvements	\$ 1,100,000
112	Life Safety / Code	McNeal Hall	Loading dock safety improvements	\$ 1,000,000
113	Utility Infrastructure	MPLS Utilities - Steam	Shallow tunnel infrastructure replacement	\$ 1,000,000

*Project priorities may be adjusted to reflect facility condition changes and final cost estimates.*

	<b>Category</b>	<b>Location</b>	<b>Project Title</b>	<b>\$500M</b>
114	Utility Infrastructure	MPLS Utilities - Water	Stormwater deep tunnel section repair	\$ 1,000,000
115	Building Envelope	St Paul Gym	Roof replacement	\$ 1,000,000
116	Utility Infrastructure	UMTC Campus Wide	High voltage infrastructure renewal	\$ 1,000,000
117	Life Safety / Code	Amundson Hall	Elevator modernization	\$ 900,000
118	Building Envelope	Center for Magnetic Resonance Res.	Roof replacement; original sections	\$ 850,000
119	Building Envelope	Nolte Center	Roof replacement	\$ 850,000
120	Building Envelope	Ford Hall	Roof replacement	\$ 800,000
121	Life Safety / Code	Appleby Hall	Elevator modernization	\$ 700,000
122	Mechanical	Plant Growth West	Emergency power alterations and replacement	\$ 600,000
123	Life Safety / Code	Burton Hall	Elevator modernization	\$ 550,000
124	Life Safety / Code	Coffey Hall	Elevator modernization	\$ 550,000
125	Building Envelope	Donhowe Building	Building envelope and tuckpointing	\$ 550,000
126	Life Safety / Code	Humphrey	Elevator modernization	\$ 550,000
127	Life Safety / Code	1425 University Ave	Fire sprinkler extension	\$ 500,000
128	Life Safety / Code	Appleby Hall	Fire alarm and sprinkler upgrade	\$ 500,000
129	Life Safety / Code	Johnston Hall	Fire sprinkler and alarm upgrades	\$ 500,000
130	Utility Infrastructure	MPLS Utilities - Steam	Repair cracking roof at deep tunnel intersect	\$ 500,000
131	Utility Infrastructure	MPLS Utilities - Chilled Water	Chilled water connection to 717 Delaware Building	\$ 500,000
132	Building Envelope	Rapson Hall	Roof replacement	\$ 500,000
133	Life Safety / Code	Shevlin Hall	Fire sprinkler extension	\$ 500,000
134	Life Safety / Code	Wulling Hall	Fire sprinkler installation	\$ 500,000
135	Building Envelope	Rapson Hall	West areawell waterproofing	\$ 400,000
136	Life Safety / Code	Multiple	Accessible entrances and amenities upgrades	\$ 300,000
137	Mechanical	University Office Plaza	Building control upgrades	\$ 250,000
138	Life Safety / Code	Mondale Hall	Accessible restroom upgrade in library	\$ 200,000
139	Mechanical	MPLS Utilities - Electrical	E-Generator loadbank connections	\$ 200,000
140	Life Safety / Code	Borlaug Hall	Accessible restroom upgrade	\$ 150,000
141	Life Safety / Code	Children's Rehab	Accessible restroom upgrade	\$ 150,000
142	Life Safety / Code	Rarig Hall	Accessible restroom upgrade	\$ 150,000
143	Life Safety / Code	Ruttan Hall	Accessible restroom upgrade	\$ 150,000
				<b>\$ 417,507,734</b>
<b>TOTAL - ALL CAMPUSES</b>				<b>\$ 500,000,000</b>