

# UNIVERSITY OF MINNESOTA

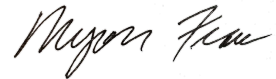
Crookston • Duluth • Morris • Rochester • Twin Cities

Office of the Senior Vice President  
for Finance and Operations

301 Morrill Hall  
100 Church Street S.E.  
Minneapolis, MN 55455

**TO:** Representative Fue Lee, Chair, Capital Investment Committee  
Representative Connie Bernardy, Chair, Higher Education Finance and Policy Committee  
Representative Rena Moran, Chair, Ways and Means Committee  
Senator Thomas Bakk, Chair, Capital Investment Committee  
Senator Julie Rosen, Chair, Finance Committee  
Senator David Tomassoni, Chair, Higher Education Finance and Policy Committee  
Commissioner Jim Schowalter, Minnesota Management and Budget

**FROM:** Myron Frans, Senior Vice President for Finance and Operations



**DATE:** January 12, 2021

**RE:** Capital Appropriation Expenditure Report

Per Minnesota Statute 135A.046, the University's annual report of progress on projects funded by the State of Minnesota through the HEAPR statute is attached. As has been the University's practice, this report also provides you information about our progress on all capital projects funded by the State.

We are pleased with the projects that have been completed and the progress toward finishing those remaining. The financial support provided by the people of the State is critical to the University's success, and we are grateful for the funding that has made the work in this report possible.

If you have any specific questions, please call Brian Swanson in University Services Finance at 612-625-6665.

cc: Joan T.A. Gabel, President  
Michael Berthelsen, Vice President, University Services  
Brian Steeves, Executive Director and Corporate Secretary, Board of Regents

# Capital Appropriations Expenditure Report

In fulfillment of MN 135A.046 subd. 3

January 2021



UNIVERSITY OF MINNESOTA

**Driven to Discover®**

# Major Projects - Spending Status

Year	Major Projects Allocation	% Spent or Encumbered Under Contract	% Spent, Encumbered or Otherwise Obligated to Complete a Project	Comments
2017	\$ 95,140,677	96%	96%	\$4,193,323 converted to 2017 HEAPR
2018	\$ 34,400,000	77%	98%	
2019	\$ -	na	na	No appropriation
2020	\$ 36,886,000	71%	100%	

## 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.

Note: percentages are rounded.



# HEAPR - Spending Status

Year	HEAPR Allocation	% Spent or Encumbered Under Contract	% Spent, Encumbered or Otherwise Obligated to Complete a Project	Comments
2017	\$ 24,793,323	83%	96%	\$4,193,323 converted to 2017 HEAPR
2018	\$ 45,000,000	94%	97%	
2019	\$ -	na	na	No appropriation
2020	\$ 38,495,000	36%	78%	

## 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.

Note: 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.

---

## **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

**Driven to Discover<sup>®</sup>**

Crookston Duluth Morris Rochester Twin Cities

The University of Minnesota is an equal opportunity educator and employer.

# University of Minnesota

Status Report: Total Capital Appropriations 2017 to 2020

Projected 01/31/2021 - Definitions on last page

(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>2020 State Capital Appropriations: Major Projects</b>							
Institute of Child Development Bldg Replacement	29,200,000.00	24,000,000.00	5,200,000.00	0.00	Design Development	9/30/2022	Construction to start January 2021
Fraser Hall Chemistry Undergraduate Teaching Facility	3,286,000.00	2,023,670.35	1,262,329.65	0.00	Design Development	9/30/2023	Construction to start June 2021
A.B. Anderson Hall Renovation	4,400,000.00	0.00	4,400,000.00	0.00	Design Development	6/1/2022	Construction to start August 2021
<b>Subtotal - '20 Appropriations: Major Projects</b>	<b>36,886,000.00</b>	<b>26,023,670.35</b>	<b>10,862,329.65</b>	<b>0.00</b>			
<b>2020 State Capital Appropriations: HEAPR Projects</b>							
Campuswide Emergency Renewal	5,780,208.43	0.00	0.00	5,780,208.43	Programming	Unknown	
Campuswide Elevator Renewal	1,000,000.00	0.00	0.00	1,000,000.00	Programming	Unknown	
Campuswide Infrastructure Renewal for Smart Labs	500,000.00	0.00	0.00	500,000.00	Programming	Unknown	
Elliott Hall Accessible Restroom	100,000.00	0.00	100,000.00	0.00	Programming	Unknown	
VCRC Roof Repairs	692,000.00	0.00	692,000.00	0.00	Programming	Unknown	
Children's Rehab Roof Replacement	1,200,000.00	0.00	1,200,000.00	0.00	Construction Documents	7/31/2021	
Mech Eng Phase III Renewal	12,679,163.57	12,679,163.57	0.00	0.00	Construction	1/31/2022	
Ted Mann Roof Replacement	2,175,000.00	469.48	2,174,530.52	0.00	Design Development	8/31/2021	
Biosystems & Ag Eng Roof Replacement	1,300,000.00	0.00	1,300,000.00	0.00	Programming	5/1/2022	
Haecker Hall Roof Replacement	1,750,000.00	0.00	1,750,000.00	0.00	Design Development	12/31/2022	
Animal Sci/Vet Med Accessible Restroom	150,000.00	0.00	0.00	150,000.00	Programming	Unknown	
UMD Chemistry Hazardous Materials Abatement	535,890.00	0.00	535,890.00	0.00	Programming	6/30/2021	Construction to start January 2021
UMD Sports & Health Ctr HVAC Phase II	1,000,000.00	0.00	1,000,000.00	0.00	Programming	10/29/2021	Construction to start May 2021
UMD Sports & Health Ctr Fire Alarm	500,000.00	0.00	500,000.00	0.00	Procurement	6/1/2021	Construction to start February 2021
UMD Humanities Lower Level HVAC Renewal	1,000,000.00	0.00	1,000,000.00	0.00	Programming	10/29/2021	Construction to start May 2021
UMD Voss Kovach Hall Roof Replacement	375,000.00	0.00	375,000.00	0.00	Programming	8/6/2021	Construction to start May 2021
UMD Darland Fire Sprinkler Extension	350,000.00	0.00	350,000.00	0.00	Programming	6/18/2021	Construction to start February 2021
UMD NRRI Elevator Modernization	900,000.00	0.00	900,000.00	0.00	Construction Documents	6/1/2021	Construction to start March 2021
UMD NRRI Roof Replacement	1,200,000.00	0.00	1,200,000.00	0.00	Construction Documents	9/3/2021	Construction to start April 2021
UMD NRRI Chiller Replacement	200,000.00	0.00	200,000.00	0.00	Design Development	4/30/2021	Construction to start January 2021
UMM Campuswide Controls Renewal Phase II	150,000.00	0.00	150,000.00	0.00	Construction	8/20/2021	
UMM Electronic Door Access/Security	110,000.00	15,000.00	95,000.00	0.00	Design Development	8/20/2021	
UMM Electrical Infrastructure	150,000.00	0.00	150,000.00	0.00	Design Development	8/20/2021	
UMM Sewer Replacement & Water Service Repairs	80,000.00	0.00	80,000.00	0.00	Design Development	8/20/2021	
UMM HVAC and Chiller Renewal	50,000.00	49,000.00	1,000.00	0.00	Construction	8/20/2021	
UMM Multi-Ethnic Res Ctr Elev Installation-Design	75,000.00	0.00	75,000.00	0.00	Design Development	12/20/2021	
UMM Behmler Hall Water Infiltration Corrections	90,000.00	0.00	90,000.00	0.00	Design Development	8/20/2021	
UMM Student Ctr Sprinkler/Fire Panel/Pump Repairs	385,000.00	0.00	385,000.00	0.00	Construction Documents	8/20/2021	
UMM Science Building HVAC Repairs	75,000.00	73,000.00	2,000.00	0.00	Procurement	8/20/2021	
UMM Briggs Library HVAC Controls	127,000.00	0.00	127,000.00	0.00	Design Development	8/20/2021	
UMM Briggs Library Elevator Repairs	8,000.00	6,950.00	1,050.00	0.00	Construction	3/1/2021	
UMM Cougar Sport Ctr Accessibility Improvements	320,000.00	0.00	320,000.00	0.00	Design Development	8/20/2021	
UMM Cougar Sport Ctr Safety Improvements	10,000.00	0.00	10,000.00	0.00	Design Development	8/20/2021	
UMM Heating Plant Chiller Control Panel	206,448.00	203,448.00	3,000.00	0.00	Design Development	8/20/2021	
UMM Humanities Fine Arts Membrane Roof Replc	120,000.00	0.00	120,000.00	0.00	Design Development	8/20/2021	
UMM Humanities Fine Arts Light Controls	20,000.00	18,000.00	2,000.00	0.00	Procurement	8/20/2021	
UMM Humanities Fine Arts Fire Pump	30,000.00	27,938.24	2,061.76	0.00	Construction	1/15/2021	
UMC Campus Wide Electrical Distribution Phase 3	700,000.00	700,000.00	0.00	0.00	Construction	7/30/2022	Phase 3 construction to start May 2021

# University of Minnesota

Status Report: Total Capital Appropriations 2017 to 2020

Projected 01/31/2021 - Definitions on last page

(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
UMC Central Mall/North Quadrant Watermain Imprvmnts	255,337.00	0.00	255,337.00	0.00	Programming	10/31/2021	
UMC Owen Hall Exterior Façade, Window/Door Replc	185,000.00	0.00	185,000.00	0.00	Programming	10/31/2021	
UMC Owen Hall Fire Suppression & Code Imprvmnts	125,000.00	0.00	125,000.00	0.00	Programming	10/31/2021	
UMC Bergland Lab Building Controls Replacement	85,000.00	0.00	85,000.00	0.00	Programming	10/31/2021	
Cedar Creek Crane House Window Replacement	18,000.00	0.00	0.00	18,000.00	Programming	5/1/2021	
Cedar Creek Burr Oak House Window Replacement	20,301.00	0.00	0.00	20,301.00	Programming	5/1/2021	
Cedar Creek Lodging Electrical Replacement	18,000.00	0.00	0.00	18,000.00	Programming	7/31/2021	
Itasca Lodging Thermal Pane Windows	110,000.00	0.00	0.00	110,000.00	Programming	Unknown	
Itasca Lodging Foundation Rebuild for Reuse	77,500.00	0.00	0.00	77,500.00	Programming	Unknown	
Arboretum Oswald Visitor Ctr Roof Replacement	160,000.00	0.00	160,000.00	0.00	Programming	5/1/2021	Construction to start sprin 2021
Cloquet Critical Infrastructure Renewal	30,000.00	0.00	30,000.00	0.00	Programming	9/30/2021	Design to start February 2021
Horticulture Res Ctr Well Utility Rebuild	120,000.00	0.00	120,000.00	0.00	Programming	5/31/2021	
Hubachek Well Corrections for Reliability	361,693.00	0.00	361,693.00	0.00	Programming	9/30/2022	Construction to start February 2021
Hubachek Critical Infrastructure Renewal	35,000.00	0.00	0.00	35,000.00	Programming	9/30/2021	Construction to start February 2021
NCROC Admin Bldg HVAC Unit Replcmnt	7,000.00	0.00	0.00	7,000.00	Programming	3/1/2021	
NCROC Water Heater & Valve Replacements	20,000.00	0.00	0.00	20,000.00	Programming	4/15/2021	
NCROC Hog Barn Boiler & Plumbing Replcmnt	100,000.00	0.00	0.00	100,000.00	Programming	8/1/2021	
NCROC Admin Bldg Envelope Renewal	50,000.00	0.00	0.00	50,000.00	Programming	8/15/2021	
NWROC Ag Res Ctr HVAC Controls Replcmnt	42,000.00	0.00	0.00	42,000.00	Programming	7/31/2021	
NWROC Window Replacement	75,000.00	0.00	0.00	75,000.00	Programming	8/31/2021	
NWROC Farm Shop HVAC Controls Replcmnt	50,000.00	0.00	0.00	50,000.00	Programming	7/31/2021	
SROC Replace Underground Fuel Tanks	180,000.00	0.00	0.00	180,000.00	Programming	10/1/2021	Construction to start May 2021
SWROC Critical Infrastructure Renewal	17,500.00	0.00	0.00	17,500.00	Programming	6/30/2021	
SWROC Cont Ed Bldg Window/Door Replcmnt	35,000.00	0.00	0.00	35,000.00	Programming	6/30/2021	
SWROC Res Office Bldg Window Replacement	40,000.00	0.00	40,000.00	0.00	Programming	6/30/2021	
WCROC Admin Bldg HVAC Controls Replcmnt	25,000.00	0.00	0.00	25,000.00	Programming	6/30/2021	
WCROC Replace Underground Fuel Tanks	100,000.00	0.00	0.00	100,000.00	Programming	6/30/2021	
WCROC Feed Ctr Rollup Door Replacement	10,000.00	0.00	0.00	10,000.00	Programming	5/31/2021	
WCROC Maintenance Shop Infrastructure Imprv	48,959.00	0.00	48,959.00	0.00	Programming	9/30/2021	
<b>Subtotal - '20 Appropriations: HEAPR Projects</b>	<b>38,495,000.00</b>	<b>13,772,969.29</b>	<b>16,301,521.28</b>	<b>8,420,509.43</b>			
<b>Total - 2020 State Capital Appropriations</b>	<b>75,381,000.00</b>	<b>39,796,639.64</b>	<b>27,163,850.93</b>	<b>8,420,509.43</b>			
<b><u>2018 State Capital Appropriations: Major Projects</u></b>							
Pillsbury Hall Rehabilitation	24,000,000.00	20,842,974.31	3,157,025.69	0.00	Construction	8/27/2021	
UMD Glensheen Renewal	4,000,000.00	0.00	4,000,000.00	0.00	Programming	Unknown	
Morris Teaching and Learning Spaces	3,200,000.00	2,489,290.68	40,788.40	669,920.92	Construction/Sub Comp	Occupied	
Crookston Teaching and Learning Spaces	3,200,000.00	3,062,275.22	137,724.78	0.00	Procurement	2/15/2021	
<b>Subtotal - '18 Appropriations: Major Projects</b>	<b>34,400,000.00</b>	<b>26,394,540.21</b>	<b>7,335,538.87</b>	<b>669,920.92</b>			
<b><u>2018 State Capital Appropriations: HEAPR Projects</u></b>							
<b>Completed Projects</b>	20,456,238.01	20,456,238.01	0.00	(0.00)			
ADA Projects	104,737.45	0.00	0.00	104,737.45	Programming	Unknown	



# University of Minnesota

Status Report: Total Capital Appropriations 2017 to 2020

Projected 01/31/2021 - Definitions on last page

(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
Health Sciences Elevator Modernization	814,028.04	129,223.36	684,804.68	0.00	Design Development	4/26/2021	
Appleby Hall Roof Replacement	1,101,928.94	728,140.11	0.00	373,788.83	Substantial Completion	Occupied	
Cooke Heat Recovery Unit Replacement	750,000.00	285,985.36	464,014.64	0.00	Construction Documents	12/1/2021	
PWB Fire Alarm System Upgrade	5,511,432.24	5,511,432.24	0.00	0.00	PA Closeout	Occupied	
Humphrey Partial Roof, Skylight & Tuckpointing	3,000,000.00	2,650,446.96	0.00	349,553.04	PA Closeout	Occupied	
Biological Sciences Heat Recovery	521,000.00	359,585.36	0.00	161,414.64	PA Closeout	Occupied	
Mech Eng Phase II Renewal-Mech/Elec/Plumbing	945,719.93	945,719.93	0.00	0.00	Construction	1/31/2022	
Andrew Boss Lab HVAC, Life Safety, & Accessibility	10,049,722.40	9,985,976.49	0.00	63,745.91	Substantial Completion	Occupied	
UMD NRRRI Elevator Modernization	95,000.00	85,606.00	9,394.00	0.00	Construction Documents	6/1/2021	
UMM Campus Wide Controls Upgrade	125,858.86	82,793.38	43,065.48	0.00	Construction	8/20/2021	
UMM HFA Fire Pump Replacement	18,000.00	18,000.00	0.00	0.00	Construction	1/15/2021	
UMM HFA Gantry Lift Safety Upgrade	21,176.01	21,176.01	0.00	0.00	Construction	1/15/2021	
UMC Campus Wide Electrical Distribution	597,631.00	383,973.59	213,657.41	0.00	Construction	7/30/2022	
Cedar Creek Lindeman Ctr AC Unit	8,979.22	0.00	8,979.22	0.00	Procurement	3/31/2021	
NWROC Dust Emission Mitigation	200,000.00	138,385.68	0.00	61,614.32	PA Closeout	Occupied	
Itasca HEAPR Projects	12,317.90	0.00	0.00	12,317.90	Programming	Unknown	
Itasca Sewer Line to Existing Building	12,230.00	3,604.72	0.00	8,625.28	PA Closeout	Occupied	
Itasca Classroom Lab HVAC Replacement	14,000.00	6,500.00	7,500.00	0.00	Construction	3/31/2021	
Cloquet Septic System Renewal	640,000.00	639,097.61	902.39	0.00	Construction	3/31/2021	
<b>Subtotal - '18 Appropriations: HEAPR Projects</b>	<b>45,000,000.00</b>	<b>42,431,884.81</b>	<b>1,432,317.82</b>	<b>1,135,797.37</b>			
<b>Total - 2018 State Capital Appropriations</b>	<b>79,400,000.00</b>	<b>68,826,425.02</b>	<b>8,767,856.69</b>	<b>1,805,718.29</b>			
<b>2017 State Capital Appropriations: Major Projects</b>							
UMD Chemical Science & Advanced Materials Building	24,073,677.28	24,073,677.28	0.00	0.00	PA Closeout	Occupied	4,193,322.72 converted to 2017 HEAPR
Health Sciences Education Center	66,667,000.00	62,934,680.49	0.00	3,732,319.51	Substantial Completion	Occupied	
Plant Growth Facility Biological Sciences Conservatory	4,400,000.00	4,313,838.33	3,333.67	82,828.00		3/1/2021	
<b>Subtotal - '17 Appropriations: Major Projects</b>	<b>95,140,677.28</b>	<b>91,322,196.10</b>	<b>3,333.67</b>	<b>3,815,147.51</b>			
<b>2017 State Capital Appropriations: HEAPR Projects</b>							
<b>Completed Projects</b>							
Moos Tower Remove Revolving Doors	196,523.00	174,875.44	21,647.56	0.00	Construction	1/1/2021	
KE Emergency ATS Replacement	65,000.00	65,000.00	0.00	0.00	Construction	2/15/2021	
PWB Generator & Fire Pump Replacement	385,000.00	376,011.72	8,988.28	0.00	Design Development	1/15/2022	
Mech Eng Phase II Renewal-Mech/Elec/Plumbing	83,487.02	83,487.02	0.00	0.00	Construction	1/31/2022	
UMD Kirby Roof Replacement	1,750,000.00	0.00	1,750,000.00	0.00	Programming	8/31/2021	Converted HEAPR - October 2020
UMD SPHC Pool Mechanical Replacement	1,500,000.00	0.00	1,500,000.00	0.00	Construction Documents	10/31/2021	Converted HEAPR - October 2020
UMD NRRRI Coleraine HVAC	380,000.00	0.00	0.00	380,000.00	Programming	10/31/2021	Converted HEAPR - October 2020
UMD NRRRI Coleraine Hazardous Abatement	120,000.00	0.00	0.00	120,000.00	Programming	10/31/2021	Converted HEAPR - October 2020
UMD MWAH Patio Roof Replacement (Partial)	443,322.72	0.00	0.00	443,322.72	Programming	8/31/2021	Converted HEAPR - October 2020
SWROC HEAPR Projects	3,458.09	0.00	0.00	3,458.09	Programming	6/30/2021	
HRC Offices Mound Septic System	75,177.18	68,316.58	6,860.60	0.00	Construction	5/31/2021	
NWROC Septic System Renewal	35,000.00	2,649.43	32,350.57	0.00	Construction	5/31/2021	
<b>Subtotal - '17 Appropriations: HEAPR Projects</b>	<b>24,793,322.72</b>	<b>20,526,694.90</b>	<b>3,319,847.01</b>	<b>946,780.81</b>			

# University of Minnesota

Status Report: Total Capital Appropriations 2017 to 2020  
Projected 01/31/2021 - Definitions on last page

(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>Total - 2017 State Capital Appropriations</b>	<b>119,934,000.00</b>	<b>111,848,891.00</b>	<b>3,323,180.68</b>	<b>4,761,928.32</b>			
<b>Grand Totals - 2017 to 2020</b>	<b>274,715,000.00</b>	<b>220,471,955.66</b>	<b>39,254,888.30</b>	<b>14,988,156.04</b>			

# University of Minnesota

Status Report: Total Capital Appropriations 2017 to 2020

Projected 01/31/2021 - Definitions on last page

(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.

# University of Minnesota

Status Report: Total Capital Appropriations 2017 to 2020

Projected 01/31/2021 - Definitions on last page

(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>Summary of University State Capital Appropriations</b>							
<b>Total Dollars by Status</b>							
2020 Appropriations							
Major Projects	36,886,000.00	26,023,670.35	10,862,329.65	0.00			
HEAPR Projects	38,495,000.00	13,772,969.29	16,301,521.28	8,420,509.43			
Subtotal	75,381,000.00	39,796,639.64	27,163,850.93	8,420,509.43			
2018 Appropriations							
Major Projects	34,400,000.00	26,394,540.21	7,335,538.87	669,920.92			
HEAPR Projects	45,000,000.00	42,431,884.81	1,432,317.82	1,135,797.37			
Subtotal	79,400,000.00	68,826,425.02	8,767,856.69	1,805,718.29			
2017 Appropriations							
Major Projects	95,140,677.28	91,322,196.10	3,333.67	3,815,147.51			
HEAPR Projects	24,793,322.72	20,526,694.90	3,319,847.01	946,780.81			
Subtotal	119,934,000.00	111,848,891.00	3,323,180.68	4,761,928.32			
<b>Major Projects</b>	<b>204,921,677.28</b>	<b>157,513,375.95</b>	<b>34,502,723.47</b>	<b>12,905,577.86</b>			
<b>HEAPR Projects Only</b>	<b>108,288,322.72</b>	<b>76,731,549.00</b>	<b>21,053,686.11</b>	<b>10,503,087.61</b>			
<b>Grand Total: 2017-2020 Appropriations</b>	<b>274,715,000.00</b>	<b>220,471,955.66</b>	<b>39,254,888.30</b>	<b>14,988,156.04</b>			
<b>Total Percent by Status</b>							
2020 Appropriations							
Major Projects	36,886,000.00	71%	29%	0%			
HEAPR Projects	38,495,000.00	36%	42%	22%			
Subtotal	75,381,000.00	53%	36%	11%			
2018 Appropriations							
Major Projects	34,400,000.00	77%	21%	2%			
HEAPR Projects	45,000,000.00	94%	3%	3%			
Subtotal	79,400,000.00	87%	11%	2%			
2017 Appropriations							
Major Projects	95,140,677.28	96%	0%	4%			
HEAPR Projects	24,793,322.72	83%	13%	4%			
Subtotal	119,934,000.00	93%	3%	4%			
<b>Major Projects</b>	<b>204,921,677.28</b>	<b>77%</b>	<b>17%</b>	<b>6%</b>			
<b>HEAPR Projects Only</b>	<b>108,288,322.72</b>	<b>71%</b>	<b>19%</b>	<b>10%</b>			
<b>Grand Total: 2017-2020 Appropriations</b>	<b>274,715,000.00</b>	<b>80%</b>	<b>14%</b>	<b>5%</b>			