



BOARD OF REGENTS DOCKET ITEM SUMMARY

Finance & Operations

October 10, 2019

AGENDA ITEM: President’s Recommended 2019 Six-Year Capital Plan and 2020 State Capital Request

Review

Review + Action

Action

Discussion

This is a report required by Board policy.

PRESENTERS: President Joan T.A. Gabel
Brian D. Burnett, Senior Vice President
Michael Berthelsen, Vice President, University Services

PURPOSE & KEY POINTS

The purpose of this item is to act on the President’s recommended 2019 Six-Year Capital Plan and the 2020 State Capital Request.

Board of Regents Policy: *Board Operations and Agenda Guidelines* requires a Six-Year Capital Plan that sets priorities and direction for ongoing academic and capital planning efforts. This policy directs the administration to conduct capital planning with a “six-year time horizon, updated annually.” It is the University’s primary capital investment planning tool.

The President’s recommended 2019 Six-Year Capital Plan (Plan) includes major capital improvements planned for calendar years 2020 through 2025 (FY 2021 to FY 2026.) The Plan includes projects to be funded with state capital support as well as planned major projects funded by the University through a combination of University debt obligations, local unit resources, fundraising, and public/private partnerships. Year 1 of the Plan (2020) outlines the projects that the University will be submitting to the State of Minnesota for consideration during the 2020 legislative session. Higher Education Asset Preservation and Replacement (HEAPR) continues to be the top priority. This request also seeks funding for three standalone renovation projects, and finally for design services related to the Health Sciences Strategic Investment program.

2019 Plan Highlights

The Plan presented for consideration continues to emphasize reinvestment into the University’s existing infrastructure. A growing deferred renewal backlog has widespread impacts on academic programs, research initiatives, student experience, and general competitiveness. The reduction of poor and critical space is a maroon measure on the University Progress Card, and HEAPR continues to be the smartest and most cost-effective investment toward this objective. It protects and extends the useful life of investments made by the taxpayers through capital bonding, by students who pay tuition, and by donors who give to the University. The Plan recommends HEAPR requests of \$200 million in each year to align with actual deferred renewal needs. It defines specific projects and placeholders that position the University for success through five capital strategic priorities:

1. Address Poor and Critical Backlog

The Facility Condition Assessment (FCA) identifies a facility's physical condition and needs. This process looks at each building across the system and identifies deferred, non-recurring, and projected renewal needs to determine a facility condition needs index (FCNI.) The FCNI (the 10-year projected needs divided by the estimated replacement value) determines where a building is rated on a scale that starts at 0.0 (new building, excellent) and extends to 1.0 (significant needs, critical.) This industry standard assessment is conducted by a third-party under contract.

Campus	Total GSF ¹	Estimated Replacement Value ²	Projected 10-Year Needs ²	10 Year Needs/Replacement Value = (FCNI)	GSF Poor / Critical
Twin Cities	23,782,047	\$10,489,267,986	\$4,009,944,029	0.38	7,432,465
Duluth	3,244,481	\$1,161,815,046	\$409,184,630	0.35	461,971
Morris	993,166	\$420,167,811	\$173,817,303	0.41	481,564
Crookston	723,407	\$341,386,861	\$86,556,619	0.25	59,773
ROCs	1,571,262	\$306,916,909	\$92,456,249	0.30	92,818
TOTALS	30,314,363	\$12,719,554,613	\$4,771,958,830	0.38	8,528,591 ³

¹ Total Gross Square Feet. Excludes Rochester Campus. Does not include parking ramp decks.

² Figures include formally assessed facilities plus actual or modeled values for non-assessed facilities less than 10 years old.

³ Increase of 0.3% from previous year.

This Plan puts a strong emphasis on fixing or replacing some of the University's worst buildings. HEAPR funding remains at the core of this strategy.

2. Advance the Health Sciences

The Plan continues to promote a new strategic capital investment to improve the educational and clinical research spaces for University programs in medicine and health. The Health Sciences Strategic Capital Investment is developing capital projects to advance academic goals that over time would:

- co-locate clinical, translational, and outcomes focused research teams;
- create new clinical laboratories to support patient care;
- consolidate the School of Public Health; and
- support hospital service expansion.

Through the development of modern and efficient replacement space, several FCA critical facilities will be brought up to current code, condition, and efficiency standards while the Mayo complex will be decommissioned, resulting in a net reduction of campus square feet and annual facility operating costs. This new Health Sciences Strategic Capital Investment program continues to progress through different stages of planning. The Clinical Research Facility is well into pre-design, while other program components are in varying stages of feasibility. Details on all aspects of the program including overall structure, program components, project costs, funding strategy, and schedule will continue to be refined in the coming year. A request for state funding in 2020 completes design, acquires land, prepares site and completes preconstruction services for the Clinical Research Facility.

3. *Modernize Saint Paul Research Laboratories*

The Plan continues the vision first set out in the 2013 plan to renovate, construct, and decommission targeted laboratories on the Twin Cities campus in Saint Paul. The placeholder in 2022 for Saint Paul Capital Renewal will be informed by the outcome of the Saint Paul Strategic Facilities plan. Additional HEAPR investments in Food Science and Nutrition, Biosystems and Agricultural Engineering, and the Biological Science Center will optimize existing facilities and infrastructure to support teaching and research. Renovation or replacement of the Saint Paul Student Center will create a new hub of campus life for students, faculty, staff, and visitors.

4. *Expand Capacity in STEM Programs*

Student demand and state performance measures related to STEM degrees have increased the need for teaching laboratory facilities. Chemistry is a core component of most STEM programs, and an inadequate supply of chemistry labs is restricting the University's ability to meet demand and move students through required course sequences. The Plan includes major investments for the Duluth campus Chemistry Building and Twin Cities campus chemistry teaching capacity, as well as major HEAPR investments in the Mechanical Engineering building and Food Sciences and Nutrition building.

5. *Repositioning Libraries for the 21st Century*

Library spaces are in high demand. Investments will provide for materials that remain accessible, but are no longer housed in prime campus real estate. This will ensure existing libraries remain the center of campus scholarship and exchange by creating flexible teaching, learning, and collaboration spaces. Several investments are planned for the Twin Cities campus that will be done as part of the larger Health Sciences investment plan. Additional opportunities exist to modernize Wilson Library with future Twin Cities campus capital renewal or strategic capital investment placeholders.

2020 State Capital Request

There are five items in the 2020 State Capital Request:

1. The first priority for funding is a \$200 million HEAPR request.
2. The Child Development replacement on the Twin Cities campus. (This is a carryforward request from last year.)
3. The renovation of A.B. Anderson Hall on the Duluth campus. Funding for A.B. Anderson was first proposed with the Academic and Student Experience Investments in 2016. (This is a carryforward request from last year.)
4. A Chemistry and Undergraduate Teaching Facility on the Twin Cities campus.
5. Funding to acquire land and advance design for the Health Sciences Strategic Capital Investment program. The \$375.8 million state capital request represents \$317.2 million from the state and \$58.6 million from the University.

BACKGROUND INFORMATION

Forming the Plan

Formation of the Plan is directed by University leadership including the Executive Vice President and Provost, the Senior Vice President for Finance and Operations, and the Vice Presidents for Health Sciences, Research, University Relations, and University Services. A multi-stage capital improvement planning process yields a draft plan for the President’s consideration and eventual recommendation to the Board.

Stage 1 Proposal	Stage 2 Planning and Feasibility	Stage 3 Predesign	Stage 4 Resource Acquisition	Stage 5 Implementation
Define the problem or opportunity <ul style="list-style-type: none"> • Programmatic needs • Facility conditions • Financial resources assessment 	Evaluate scope, scale and alternatives <ul style="list-style-type: none"> • Strategic positioning • Academic priorities • Financial constraints • Space needs 	Advance the optimal scenario <ul style="list-style-type: none"> • Project scope • Project budget • Project schedule 	Confirm source and availability of funds <ul style="list-style-type: none"> • Financial impact • Debt capacity 	Deliver Project <ul style="list-style-type: none"> • Schematic design and GMP approval by the Board.
Chancellors, vice presidents and deans submit proposals	Budget 5 – Capital Strategy Group authorize proposals for feasibility	The Six Year Plan authorizes projects eligible to begin predesign	Predesign completion authorizes resource acquisition to begin	Board of Regents authorize projects >\$1 million to commence

Although many projects have both academic and organizational value, the projects that demonstrate both a programmatic urgency and implementation readiness are advanced for further analysis in the six-year timeframe. Other factors analyzed before projects are placed in the Plan include:

- *Financial parameters* such as state economic forecasts, state debt capacity, past trends, University debt capacity, and project-specific fundraising potential.
- *Operating budget impact* such as ability to fund the incremental operating (facility and programmatic) and debt costs associated with proposed projects.
- *Timing and sequencing of projects* to complete a series of related projects in process or other capital project “dominoes.”
- *Impact on programs (both research and instructional)* to manage the level of disruption while still maintaining research and teaching functions.
- *Health, safety, and regulatory requirements* result in issues that require some projects to be included in the Plan.
- *Geographic distribution* recognizes the University as a system and balances investment across the state.
- *Alignment with systemwide strategic objectives.*

Project Costs

Costs for projects in the *feasibility* stage and projects under consideration are order-of-magnitude estimates, based on square foot costs recently experienced with comparable building and space types at the University, applied to the estimated square footage of each project. Predesign studies are prepared for projects at the appropriate time to determine more accurate cost figures. Total project costs and funding will be confirmed for each project prior to approval in the Annual Capital Improvement Budget.

Debt Capacity Forecast

The University's ability to service debt over the long term is considered in the Plan's development, specifically utilizing the following assumptions:

- Projected total debt includes all existing outstanding University debt, including the state supported special purpose revenue bonds, plus planned future issuances.
- University-supported portion of projects in the six-year plan are 100 percent funded with University-issued debt.
- Issuances of debt for six-year plan projects occur over three years with a 20 percent, 55 percent, 25 percent split.
- Annual debt service for future debt to be issued assumes repayment over 25 years; 4.0 percent annual interest for FY21 and FY22 issuances; 4.5 percent in years thereafter.
- Modest increases each year in ratio components of cash and investments (3.0 percent annually) and operating expenses (2.1 percent annually).
- Debt capacity is calculated based on arithmetic average of three ratios, assuming the University's goal is to maintain each ratio at the Aa1 median level, as defined by Moody's Investors Service
- University of Minnesota Foundation cash and investments are included in total cash and investments in the applicable ratios, as defined by Moody's.

PRESIDENT'S RECOMMENDATION

The President recommends approval of the resolution related to the 2019 Six-Year Capital Plan and the resolution related to the 2020 State Capital Request.



REGENTS OF THE UNIVERSITY OF MINNESOTA

RESOLUTION RELATED TO

2019 Six-Year Capital Plan

WHEREAS, preserving the University of Minnesota (University) campuses through stewardship of public investments that have been made over 165 years is a commitment the Board of Regents (Board) has made to the State of Minnesota (state); and

WHEREAS, advancing key academic priorities is critical for the University to achieve and maintain excellence; and

WHEREAS, continuing investment in research infrastructure is essential for the future competitiveness of the University and the state; and

WHEREAS, enhancing the student experience for both undergraduate education and graduate and professional education is required as the core of its mission in order to generate and disseminate knowledge; and

WHEREAS, improving outreach and engagement is necessary in order to transform state communities, fuel the state economy, address state social issues, and improve the state's health; and

WHEREAS, the administration has developed a capital-planning framework designed to focus its capital planning efforts toward projects that support the University's institutional priorities within a financial strategy that is responsible.

NOW, THEREFORE, BE IT RESOLVED that the Board of Regents approves the 2019 Six-Year Capital Plan in order to create and maintain facilities that serve as tools in accomplishing the University's education, research, and outreach objectives.



REGENTS OF THE UNIVERSITY OF MINNESOTA

RESOLUTION RELATED TO

2020 State Capital Request

WHEREAS, the Board of Regents (Board) has directed the administration to annually submit a capital improvement budget and a six-year capital plan in support of the University of Minnesota's (University) strategic priorities; and

WHEREAS, the Board recognizes the importance of sustaining and improving the University's facilities in support of teaching, research, and outreach; and

WHEREAS, the administration has developed a capital planning framework designed to focus its capital planning efforts toward projects that support the University's institutional priorities within a financial strategy that is realistic.

NOW, THEREFORE, BE IT RESOLVED that the Board of Regents approves the University's 2020 State Capital Request in the amount of \$375,800,000 consisting of \$317,200,000 from the State of Minnesota and \$58,600,000 from the University.

2019 Six Year Capital Plan Project Description Report

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Project Description Report

Project Costs

Project costs included in the Six-Year Capital Plan are order-of-magnitude estimates. Project costs and funding will be verified prior to consideration for the Annual Capital Budget.

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Project Description Report

111 PTRF Renovation - Turkey Research Facility

Campus: Twin Cities

Unit: College of Food, Agricultural &
Natural Resource Sciences

Total Cost: \$11,000

Plan Year: 2021

- Renovates 28,000 GSF in the Poultry Teaching and Research Facility in St. Paul.
- Relocates small scale turkey research from Rosemount to St. Paul.
- Maximizes research effectiveness and space utilization.
- Replaces or upgrades exterior enclosure, HVAC systems and lab casework.

124 3M Arena at Mariucci Ice Plant/Floor Replacement

Campus: Twin Cities

Unit: Intercollegiate Athletics

Total Cost: \$5,200

Plan Year: 2021

- Converts the refrigerant system in response to phase out of freon production by 2020.
- Reduces scale of ice sheet and expands capacity for seating.
- Enables meeting fluorocarbon emissions standards.

127 Ridder Arena Ice Plant/Floor Replacement

Campus: Twin Cities

Unit: Intercollegiate Athletics

Total Cost: \$1,200

Plan Year: 2021

- Converts the refrigerant system in response to phase out of freon production by 2020.
- Replaces the ice plant, ice sheet floor and piping.
- Enables meeting fluorocarbon emissions standards.

136 LSH 1st Floor Renovation & Expansion

Campus: Duluth

Unit: UMN Duluth

Total Cost: \$9,900

Plan Year: 2025

- Remodels and expands the 1st floor of Lake Superior Hall (LSH)
- Provides more efficient and consolidated office space for staff and better space for students

140 St. Paul Capital Renewal

Campus: Twin Cities

Unit: Academic Affairs and Provost

Total Cost: \$45,000

Plan Year: 2022

- Renovates teaching and research space in one or more buildings in St. Paul.
- Achieves collegiate goals of synergy among researchers
- Enables demolition of obsolete teaching and research space
- Project(s) will be defined pending the outcome of the St. Paul Strategic Facilities Plan.

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Project Description Report

141 Twin Cities Campus Capital Renewal

Campus: Twin Cities - Advances priority projects focused on learning spaces and student support.
Unit: Academic Affairs and Provost - Renews centers of campus scholarship and exchange by creating flexible teaching, learning, and collaboration spaces.
Total Cost: \$40,000 - Project will be defined in future Six Year Plan update.
Plan Year: 2023

146 Arboretum: Farmhouse Education Center

Campus: ROCs & Stations - Creates a new welcome center with a classroom and conference space for the Farm at the Arb campus that includes the Bee Center, Red Barn and demonstration farm crops.
Unit: College of Food, Agricultural & Natural Resource Sciences - Serves as the headquarters for the MN Extension statewide Master Gardener Program and Arboretum Adult Education.
Total Cost: \$2,000 - Timeline may adjust pending availability of funds.
Plan Year: 2020

158 CSOM Experiential and Collaborative Improvement Project

Campus: Twin Cities - Aligns the functionality of teaching and scholarship user space with new pedagogical and technological trends.
Unit: Carlson School of Management - Balances efficiency, utilization, and experience as part of a strategy for determining appropriate existing space use options.
Total Cost: \$35,000 - Improves utilization of existing space through more flexible learning environments facilitating student, staff and faculty collaboration.
Plan Year: 2023 - Addresses building infrastructure, systems, accessibility, and other deficiencies.

163 Limnology Building and Property Capital Renewal

Campus: Duluth - Renovates the existing 7,000 GSF limnology research station and constructs a new 6,000 GSF addition.
Unit: UMN Duluth - Creates a learning lab, meeting space and workstations for 27 personnel.
Total Cost: \$9,000 - Relocates MN Sea Grant Center from its current location at UMD Chester Park.
Plan Year: 2025 - Timeline for investment may adjust pending availability of funds.

177 Child Development Replacement

Campus: Twin Cities - Renovates the interior and exterior of 30,000 GSF Institute of Child Development Building, built in 1913.
Unit: College of Education and Human Development - Demolishes the existing 1967 addition.
Total Cost: \$43,800 - Constructs a new 30,000 - 34,000 GSF addition.
Plan Year: 2020 - Creates new research labs and observation space for 20 ICD faculty and research and administrative space for the Center for Early Childhood Education.

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Project Description Report

178 A. B. Anderson Hall Capital Renewal

Campus: Duluth

Unit: UMN Duluth

Total Cost: \$6,600

Plan Year: 2020

- Updates mechanical systems, life safety systems, and architectural finishes.

- Modernizes 35,000 SF of teaching space for the departments of Communication, Philosophy, History, and Art.

187 Chemistry Undergraduate Teaching Laboratory

Campus: Twin Cities

Unit: College of Science and Engineering

Total Cost: \$98,400

Plan Year: 2020

- Creates a 101,600 GSF state-of-the-art undergraduate chemistry teaching facility with energy efficient teaching laboratories, student collaboration spaces, and classrooms.

- Provides 18 new teaching laboratories for general and organic chemistry.

- Renovates the 30,000 GSF original Fraser Hall building, demolishes the earlier 62,000 GSF addition, and constructs a new 71,600 addition.

195 Systemwide Capital Investment

Campus: Systemwide

Unit: Systemwide

Total Cost: \$28,000

Plan Year: 2023

- Advances priority projects focused on learning spaces, student support, and research laboratories.

- Project(s) will be defined in future Six Year Plan update.

206 Library Collections Off-Site Storage: Phase I

Campus: Twin Cities

Unit: University Libraries

Total Cost: \$36,350

Plan Year: 2021

- Construct new space to meet the collections needs of the University of Minnesota for the next 20 years.

- Relocate various library collections into offsite storage from around the library system

- Enable the creation of new, innovative spaces for teaching and research in prime locations on campus.

- Provide secure, environmentally controlled, offsite space for storage, preservation, regeneration and characterization of essential resources.

277 Chemistry Building Capital Renewal

Campus: Duluth

Unit: UMN Duluth

Total Cost: \$24,600

Plan Year: 2021

- Invests in space that was vacated with the completion of the Chemistry and Advanced Materials Science building.

- Upgrades 65,000 GSF of research labs and offices to support future campus space needs.

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Project Description Report

302 Health Sciences Strategic Capital Investment

Campus: Twin Cities

Unit: Health Sciences Administration

Total Cost: \$475,000

Plan Year: 2021

- Advances the strategic goals of Health Sciences (AHC Strategic Facilities Plan), State of MN (Governor's Blue Ribbon Cmte) and other U of M institutional priorities through a phased investment program.
- Constructs new space including a Clinical Research Facility.
- Renovates critical condition facilities to prepare for Mayo demolition.

304 Strategic Capital Investment

Campus: Twin Cities

Unit: Academic Affairs and Provost

Total Cost: \$100,000

Plan Year: 2024

- Enhances existing teaching, research and student space.
- Project(s) will be defined in future Six Year Plan update.

316 East Bank Capital Renewal

Campus: Twin Cities

Unit: Academic Affairs and Provost

Total Cost: \$48,000

Plan Year: 2022

- Enhances existing teaching, research and student space in the area of upper Church Street. Including.
- Project(s) will be defined in future Six Year Plan update.
- Potential facilities include: 10 Church Street, Armory, Nolte and Rapson Hall.

324 PWB Resident On-Call Rooms

Campus: Twin Cities

Unit: Medical School

Total Cost: \$2,253

Plan Year: 2020

- Renovate space in PWB to create resident on-call rooms.
- Joint funding from Fairview and University of Minnesota.

325 Lab School - CDC Unified Child Care Facility

Campus: Twin Cities

Unit: University Services

Total Cost: \$11,000

Plan Year: 2020

- Renovate and expand the existing Child Care Facility to support increased enrollment.

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Project Description Report

344 Clinical Research Facility - Design

Campus: Twin Cities - Designs, acquires land, prepares site and completes preconstruction services for the Clinical Research Facility.
Unit: Health Sciences Administration
Total Cost: \$27,000
Plan Year: 2020

348 Strategic Capital Investment

Campus: Twin Cities - Enhances existing teaching, research and student space.
Unit: Academic Affairs and Provost - Project(s) will be defined in future Six Year Plan update.
Total Cost: \$100,000
Plan Year: 2025

364 Child and Adolescent Brain Health

Campus: Twin Cities - Renovates the 117,500 GSF Shriners Hospital at 2025 East River Parkway in Minneapolis.
Unit: Health Sciences Administration
Total Cost: \$37,500
Plan Year: 2020

2019 Six Year Capital Plan
Project Funding Report

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Project Funding Report

Project Costs

Project costs included in the Six-Year Capital Plan are order-of-magnitude estimates. Project costs and funding will be verified prior to consideration for Annual Capital Budget.

Project Priority

Projects are shown in order of priority for the state capital budget request in year 2020. Projects in future years of the plan and projects under consideration are not prioritized.

Annual Capital Budget Potential Additions

University funded capital projects in year 2020 of the Six Year Capital Plan were included in the FY20 Annual Capital Budget potential additions list and be presented as amendments to the capital budget within the current fiscal year.

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Project Funding Report

2020

State Funded

File	Project Title	Campus	Total	State Funds	University Funds
199	Higher Education Asset Preservation and Replacement	Systemwide	\$200,000	\$200,000	\$0
177	Child Development Replacement	Twin Cities	\$43,800	\$29,200	\$14,600
178	A. B. Anderson Hall Capital Renewal	Duluth	\$6,600	\$4,400	\$2,200
187	Chemistry Undergraduate Teaching Laboratory	Twin Cities	\$98,400	\$65,600	\$32,800
344	Clinical Research Facility - Design	Twin Cities	\$27,000	\$18,000	\$9,000
			\$375,800	\$317,200	\$58,600

University Funded

File	Project Title	Campus	Total	State Funds	University Funds
146	Arboretum: Farmhouse Education Center	ROCs & Stations	\$2,000	\$0	\$2,000
364	Child and Adolescent Brain Health	Twin Cities	\$37,500	\$0	\$37,500
325	Lab School - CDC Unified Child Care Facility	Twin Cities	\$11,000	\$0	\$11,000
324	PWB Resident On-Call Rooms	Twin Cities	\$2,253	\$0	\$2,253
219	R&R - Crookston Campus	Crookston	\$245	\$0	\$245
285	R&R - Duluth Campus	Duluth	\$3,000	\$0	\$3,000
225	R&R - Duluth Student Life	Duluth	\$3,000	\$0	\$3,000
237	R&R - Morris Campus	Morris	\$90	\$0	\$90
213	R&R - Twin Cities Athletics	Twin Cities	\$1,300	\$0	\$1,300
255	R&R - Twin Cities Campus	Twin Cities	\$7,400	\$0	\$7,400
261	R&R - Twin Cities Dining Services	Twin Cities	\$3,200	\$0	\$3,200
231	R&R - Twin Cities Housing & Residential Life	Twin Cities	\$7,528	\$0	\$7,528
243	R&R - Twin Cities Parking & Transportation Services	Twin Cities	\$6,000	\$0	\$6,000
249	R&R - Twin Cities Student Affairs	Twin Cities	\$1,100	\$0	\$1,100
267	R&R - Twin Cities Utilities	Twin Cities	\$12,100	\$0	\$12,100
			\$97,716	\$0	\$97,716
FY Total:			\$473,516	\$317,200	\$156,316
Running Total:			\$473,516	\$317,200	\$156,316

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Project Funding Report

2021

Proposed Special State Investment Program

File	Project Title	Campus	Total	State Funds	University Funds
302	Health Sciences Strategic Capital Investment	Twin Cities	\$475,000	\$316,667	\$158,333
			\$475,000	\$316,667	\$158,333

State Funded

File	Project Title	Campus	Total	State Funds	University Funds
200	Higher Education Asset Preservation and Replacement	Systemwide	\$200,000	\$200,000	\$0
277	Chemistry Building Capital Renewal	Duluth	\$24,600	\$16,400	\$8,200
			\$224,600	\$216,400	\$8,200

University Funded

File	Project Title	Campus	Total	State Funds	University Funds
124	3M Arena at Mariucci Ice Plant/Floor Replacement	Twin Cities	\$5,200	\$0	\$5,200
206	Library Collections OffSite Storage: Phase I	Twin Cities	\$36,350	\$0	\$36,350
111	PTRF Renovation - Turkey Research Facility	Twin Cities	\$11,000	\$0	\$11,000
127	Ridder Arena Ice Plant/Floor Replacement	Twin Cities	\$1,200	\$0	\$1,200
220	R&R - Crookston Campus	Crookston	\$245	\$0	\$245
286	R&R - Duluth Campus	Duluth	\$3,000	\$0	\$3,000
226	R&R - Duluth Student Life	Duluth	\$3,000	\$0	\$3,000
238	R&R - Morris Campus	Morris	\$90	\$0	\$90
214	R&R - Twin Cities Athletics	Twin Cities	\$1,300	\$0	\$1,300
256	R&R - Twin Cities Campus	Twin Cities	\$7,400	\$0	\$7,400
262	R&R - Twin Cities Dining Services	Twin Cities	\$4,080	\$0	\$4,080
232	R&R - Twin Cities Housing & Residential Life	Twin Cities	\$18,285	\$0	\$18,285
244	R&R - Twin Cities Parking & Transportation Services	Twin Cities	\$5,430	\$0	\$5,430
250	R&R - Twin Cities Student Affairs	Twin Cities	\$1,100	\$0	\$1,100
268	R&R - Twin Cities Utilities	Twin Cities	\$12,500	\$0	\$12,500

		\$110,180	\$0	\$110,180
	FY Total:	\$809,780	\$533,067	\$276,713
	Running Total:	\$1,283,296	\$850,267	\$433,029

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Project Funding Report

2022

State Funded

File	Project Title	Campus	Total	State Funds	University Funds
201	Higher Education Asset Preservation and Replacement	Systemwide	\$200,000	\$200,000	\$0
316	East Bank Capital Renewal	Twin Cities	\$48,000	\$32,000	\$16,000
140	St. Paul Capital Renewal	Twin Cities	\$45,000	\$30,000	\$15,000
			\$293,000	\$262,000	\$31,000

University Funded

File	Project Title	Campus	Total	State Funds	University Funds
221	R&R - Crookston Campus	Crookston	\$245	\$0	\$245
287	R&R - Duluth Campus	Duluth	\$3,000	\$0	\$3,000
227	R&R - Duluth Student Life	Duluth	\$3,000	\$0	\$3,000
239	R&R - Morris Campus	Morris	\$90	\$0	\$90
215	R&R - Twin Cities Athletics	Twin Cities	\$1,300	\$0	\$1,300
257	R&R - Twin Cities Campus	Twin Cities	\$7,400	\$0	\$7,400
263	R&R - Twin Cities Dining Services	Twin Cities	\$4,400	\$0	\$4,400
233	R&R - Twin Cities Housing & Residential Life	Twin Cities	\$23,000	\$0	\$23,000
245	R&R - Twin Cities Parking & Transportation Services	Twin Cities	\$6,480	\$0	\$6,480
251	R&R - Twin Cities Student Affairs	Twin Cities	\$1,100	\$0	\$1,100
269	R&R - Twin Cities Utilities	Twin Cities	\$12,500	\$0	\$12,500
			\$62,515	\$0	\$62,515
		FY Total:	\$355,515	\$262,000	\$93,515
		Running Total:	\$1,638,811	\$1,112,267	\$526,544

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Project Funding Report

2023

State Funded

File	Project Title	Campus	Total	State Funds	University Funds
362	Higher Education Asset Preservation and Replacement	Systemwide	\$200,000	\$200,000	\$0
195	Systemwide Capital Investment	Systemwide	\$28,000	\$18,667	\$9,333
141	Twin Cities Campus Capital Renewal	Twin Cities	\$40,000	\$26,667	\$13,333
			\$268,000	\$245,334	\$22,666

University Funded

File	Project Title	Campus	Total	State Funds	University Funds
158	CSOM Experiential and Collaborative Improvement Project	Twin Cities	\$35,000	\$0	\$35,000
222	R&R - Crookston Campus	Crookston	\$245	\$0	\$245
288	R&R - Duluth Campus	Duluth	\$3,000	\$0	\$3,000
228	R&R - Duluth Student Life	Duluth	\$3,000	\$0	\$3,000
240	R&R - Morris Campus	Morris	\$90	\$0	\$90
216	R&R - Twin Cities Athletics	Twin Cities	\$1,300	\$0	\$1,300
258	R&R - Twin Cities Campus	Twin Cities	\$7,400	\$0	\$7,400
264	R&R - Twin Cities Dining Services	Twin Cities	\$3,225	\$0	\$3,225
234	R&R - Twin Cities Housing & Residential Life	Twin Cities	\$8,776	\$0	\$8,776
246	R&R - Twin Cities Parking & Transportation Services	Twin Cities	\$9,000	\$0	\$9,000
252	R&R - Twin Cities Student Affairs	Twin Cities	\$1,100	\$0	\$1,100
270	R&R - Twin Cities Utilities	Twin Cities	\$12,400	\$0	\$12,400
			\$84,536	\$0	\$84,536
		FY Total:	\$352,536	\$245,334	\$107,202
		Running Total:	\$1,991,347	\$1,357,601	\$633,746

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Project Funding Report

2024

State Funded

File	Project Title	Campus	Total	State Funds	University Funds
361	Higher Education Asset Preservation and Replacement	Systemwide	\$200,000	\$200,000	\$0
304	Strategic Capital Investment	Twin Cities	\$100,000	\$66,667	\$33,333
			\$300,000	\$266,667	\$33,333

University Funded

File	Project Title	Campus	Total	State Funds	University Funds
308	R&R - Crookston Campus	Crookston	\$245	\$0	\$245
306	R&R - Duluth Campus	Duluth	\$3,000	\$0	\$3,000
305	R&R - Duluth Student Life	Duluth	\$3,000	\$0	\$3,000
310	R&R - Morris Campus	Morris	\$90	\$0	\$90
307	R&R - Twin Cities Athletics	Twin Cities	\$1,300	\$0	\$1,300
313	R&R - Twin Cities Campus	Twin Cities	\$7,400	\$0	\$7,400
314	R&R - Twin Cities Dining Services	Twin Cities	\$6,175	\$0	\$6,175
309	R&R - Twin Cities Housing & Residential Life	Twin Cities	\$13,760	\$0	\$13,760
311	R&R - Twin Cities Parking & Transportation Services	Twin Cities	\$7,500	\$0	\$7,500
312	R&R - Twin Cities Student Affairs	Twin Cities	\$1,100	\$0	\$1,100
315	R&R - Twin Cities Utilities	Twin Cities	\$12,400	\$0	\$12,400
			\$55,970	\$0	\$55,970
FY Total:			\$355,970	\$266,667	\$89,303
Running Total:			\$2,347,317	\$1,624,268	\$723,049

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Project Funding Report

2025

State Funded

File	Project Title	Campus	Total	State Funds	University Funds
349	Higher Education Asset Preservation and Replacement	Systemwide	\$200,000	\$200,000	\$0
348	Strategic Capital Investment	Twin Cities	\$100,000	\$66,667	\$33,333
			\$300,000	\$266,667	\$33,333

University Funded

File	Project Title	Campus	Total	State Funds	University Funds
163	Limnology Building and Property Capital Renewal	Duluth	\$9,000	\$0	\$9,000
136	LSH 1st Floor Renovation & Expansion	Duluth	\$9,900	\$0	\$9,900
359	R&R - Crookston Campus	Crookston	\$245	\$0	\$245
355	R&R - Duluth Campus	Duluth	\$3,000	\$0	\$3,000
354	R&R - Duluth Student Life	Duluth	\$3,000	\$0	\$3,000
360	R&R - Morris Campus	Morris	\$90	\$0	\$90
357	R&R - Twin Cities Athletics	Twin Cities	\$1,300	\$0	\$1,300
352	R&R - Twin Cities Campus	Twin Cities	\$7,400	\$0	\$7,400
356	R&R - Twin Cities Dining Services	Twin Cities	\$4,700	\$0	\$4,700
350	R&R - Twin Cities Housing & Residential Life	Twin Cities	\$11,200	\$0	\$11,200
353	R&R - Twin Cities Parking & Transportation Services	Twin Cities	\$8,200	\$0	\$8,200
358	R&R - Twin Cities Student Affairs	Twin Cities	\$1,100	\$0	\$1,100
351	R&R - Twin Cities Utilities	Twin Cities	\$12,400	\$0	\$12,400
			\$71,535	\$0	\$71,535
FY Total:			\$371,535	\$266,667	\$104,868
Running Total:			\$2,718,852	\$1,890,935	\$827,917

2019 Six Year Capital Plan
Under Consideration List

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Under Consideration List

Proposals included on the Under Consideration list have been identified as priorities by the responsible unit. Projects under consideration are recommended to complete a feasibility study to support further decision making. Projects will be included in the Six Year Plan when the source of funding and year is determined.

Projects must complete predesign, obtain necessary funds and receive approval in the Annual Capital Budget to proceed with design and construction.

Preliminary cost estimates are included on the Under Consideration list where available. Estimates prepared at this time have a low expectation of accuracy. Estimates may be regarded as preliminary, ballpark or order of magnitude. Multiple factors including location, size, complexity, level of finish and inflation may impact the final cost. These figures are intended to support a decision to proceed with the proposal and must be verified through later phases of design.

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Under Consideration List

113 St. Paul Student Center Replacement

<i>Campus:</i>	Twin Cities	- Renovates or replaces the St. Paul Student Center.
<i>Unit:</i>	Student Affairs	- Provides a venue for programming, services, meetings and events on St. Paul campus.
<i>Total Cost:</i>	To Be Determined	- Scope, budget and schedule to be confirmed pending the outcome of the St. Paul Strategic Facilities Plan.
<i>Status:</i>	Proposal	

118 Athletic Facilities Targeted Improvement Projects

<i>Campus:</i>	Systemwide	- Implements targeted investments to improve gender equity in athletics facilities on the Crookston, Morris, Duluth and Twin Cities campuses.
<i>Unit:</i>	Systemwide	- Project(s) to be defined pending outcome of individual campus planning studies.
<i>Total Cost:</i>	To Be Determined	
<i>Status:</i>	Feasibility	

120 Cloquet and Hubacheck Capital Investments

<i>Campus:</i>	ROCs & Stations	- Provides setting for field-based teaching and applied learning and research in northern forest and wilderness ecosystems.
<i>Unit:</i>	College of Food, Agricultural & Natural Resource Sciences	- Constructs lodging, dining and kitchen facilities for students, staff, professionals and families.
<i>Total Cost:</i>	To Be Determined	- Creates flexible research labs, classrooms and support spaces.
<i>Status:</i>	Planning	- Scope, budget and schedule to be confirmed pending outcome of site master plans.

121 Cowles Stadium Hitting Facility

<i>Campus:</i>	Twin Cities	- Constructs an indoor hitting facility and restrooms accessible from the dugout for the Gopher Women's Softball Team.
<i>Unit:</i>	Intercollegiate Athletics	- Enhances recruitment of top student-athletes and contributes to success on the field.
<i>Total Cost:</i>	To Be Determined	- Budget and schedule to be confirmed pending availability of funds.
<i>Status:</i>	Pre-design	

142 Briggs Library Capital Renewal

<i>Campus:</i>	Morris	- Renovates the existing 50,000 GSF library and construct a new east link/entry addition and west entry.
<i>Unit:</i>	UMN Morris	- Replaces mechanical, electrical, and plumbing systems, technology infrastructure, elevator, and provides ADA/Code compliant restrooms.
<i>Total Cost:</i>	\$27,900	- Revitalizes the Briggs Library at the "heart of the campus" to best meet the academic, co-curricular, social and safety needs of the UMM Community.
<i>Status:</i>	Pre-design	

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Under Consideration List

143 Welcome Center

<i>Campus:</i>	Twin Cities	- Provides a single location for undergrad, international and transfer student admissions.
<i>Unit:</i>	Academic Affairs and Provost	- Creates a new welcome center for the Twin Cities campus.
<i>Total Cost:</i>	To Be Determined	- Visioning study complete. Scope, budget and schedule to be confirmed pending outcome of feasibility study.
<i>Status:</i>	Planning	

148 Lions Eye Institute

<i>Campus:</i>	Twin Cities	- Constructs a new centralized 70,000 - 90,000 GSF clinical care, research and training facility for the Lion's Eye Institute.
<i>Unit:</i>	Medical School	- Consolidates multiple clinics including the Adult Eye Clinic, Clinical Trial Clinic, Advanced Ocular Imaging Clinic, Low-Vision Clinic, Eye Surgery Suites, Ocular BioMedical Lab, Education Space, Office Space, the Eye Bank, and potential shelled out space for future Visual Neurosciences Laboratories.
<i>Total Cost:</i>	\$54,000	- Funding and timeline dependent upon business plan in alignment with Health Sciences and Fairview strategy.
<i>Status:</i>	Feasibility	

151 St. Paul Gymnasium Renovation/Addition

<i>Campus:</i>	Twin Cities	- Renovates and constructs an addition to the St. Paul Gym.
<i>Unit:</i>	Student Affairs	- Programming may include an expanded area for youth programs drop-off, reconfiguration of the member desk, expanded weight room, refurbished running track and new family locker rooms.
<i>Total Cost:</i>	To Be Determined	- Scope, budget and schedule to be verified through predesign.
<i>Status:</i>	Feasibility	

164 Lind Hall Capital Renewal

<i>Campus:</i>	Twin Cities	- Renovates 20,000 SF in Lind Hall for the College of Science and Engineering.
<i>Unit:</i>	College of Science and Engineering	- Optimizes space following the completion of Pillsbury Hall.
<i>Total Cost:</i>	To Be Determined	- Scope, budget and schedule to be defined pending outcome of feasibility study.
<i>Status:</i>	Feasibility	- Timeline dependent upon availability of college and donor funds.

171 Animal Science Facility

<i>Campus:</i>	Crookston	- Constructs a new pole barn facility to consolidate the animal facilities at the Crookston campus with adjacent academic and research space.
<i>Unit:</i>	UMN Crookston	- Accommodates birthing, controls noise and protects against illness.
<i>Total Cost:</i>	To Be Determined	- Supports teaching needs of the Agriculture and Natural Resource program and provides space for student research.
<i>Status:</i>	Proposal	- Scope, budget and schedule to be defined pending outcome of feasibility study.

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Under Consideration List

175 Historic District Capital Renewal

<i>Campus:</i>	Morris	- Invests in programmatic needs of the Morris campus.
<i>Unit:</i>	UMN Morris	- Modernizes systems and infrastructure in the campus national historic district.
<i>Total Cost:</i>	To Be Determined	- Renovates learning spaces and student support spaces to meet the needs of future students.
<i>Status:</i>	Planning	- Projects to be defined pending outcome of campus strategic facilities plan.

202 Equine Center Expansion

<i>Campus:</i>	Twin Cities	- Constructs a 13,000 SF addition to the Equine Center to treat critically ill and infectious horses.
<i>Unit:</i>	College of Veterinary Medicine	- Provides a clinical isolation unit, surgery suite and intensive care unit.
<i>Total Cost:</i>	To Be Determined	- Predesign completed in 2010. Cost estimates will be updated prior to ACB approval.
<i>Status:</i>	Predesign	- Timeline dependent upon availability of college and donor funds.

205 Kirby Student Center Expansion

<i>Campus:</i>	Duluth	- Expand and updates the Kirby Student Center to provide space for student programming, social and active study spaces for students, meeting and event facilities.
<i>Unit:</i>	UMN Duluth	
<i>Total Cost:</i>	To Be Determined	
<i>Status:</i>	Predesign	

210 PWB release space renovations - 8th Floor, Phase II

<i>Campus:</i>	Twin Cities	- Renovate the southeast corner of PWB 8, which was released when Fairview relocated to ACC
<i>Unit:</i>	Health Sciences Administration	- Create (8) faculty offices or small conference rooms, (1) larger 12 -person conference room, and (18) 48 sq ft workstations.
<i>Total Cost:</i>	\$1,367	
<i>Status:</i>	Predesign	

272 Shepherd Laboratories Phase 2 (Floors 3-5) Renovation

<i>Campus:</i>	Twin Cities	- Renovate approximately 12,600 SF on floors 3-5 of Shepherd Labs to provide space for the Computer Science and Engineering Department.
<i>Unit:</i>	College of Science and Engineering	
<i>Total Cost:</i>	To Be Determined	
<i>Status:</i>	Feasibility	

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Under Consideration List

280 Strategic Campus Development

Campus: Rochester

Unit: UMN Rochester

Total Cost: To Be Determined

Status: Planning

- Create academic and student life space for the growing UMR student community.
- Provide space to support active, collaborative, and adaptive learning environments, student laboratories and faculty/student interaction.

290 Molecular and Cellular Therapeutics Expansion

Campus: Twin Cities

Unit: Health Sciences Administration

Total Cost: To Be Determined

Status: Planning

- Expands the existing Molecular and Cellular Therapeutics facility to accommodate Vector Production and Gene Therapy (VP/GT) and other health sciences research.
- Provides a minimum of 3,500 ASF for cleanroom, lab and lab support spaces.
- Scope, budget and schedule to be defined pending outcome of feasibility study.

299 Strategic Land Acquisitions

Campus: Twin Cities

Unit: Planning, Space, and Real Estate

Total Cost: To Be Determined

Status: Planning

- Evaluates opportunities for strategic land and asset acquisitions that support University mission.

300 New Child Care Facilities

Campus: Twin Cities

Unit: University Services

Total Cost: To Be Determined

Status: Predesign

- Provides for child care services on the Twin Cities campus based on the recommendations of the Provost's Child Care Advisory Committee.

301 Parking Structure

Campus: Twin Cities

Unit: Auxiliary Services

Total Cost: To Be Determined

Status: Proposal

- Provides additional parking for students, faculty, staff and visitors.
- Scope, budget and schedule to be defined pending outcome of feasibility study.

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Under Consideration List

318 Cedar Creek Science Barn

Campus: ROCs & Stations - Constructs a new 6,000 SF building for research, education, and outreach.
Unit: College of Biological Sciences - Provides three classrooms (seating 25 students each), restrooms, storage, and a 150 person auditorium for year round use.
Total Cost: \$3,300
Status: Feasibility

320 Consolidated Livestock Research Complex (FAARM)

Campus: ROCs & Stations - Constructs an off-campus consolidated animal research facility for the College of Food, Agriculture and Natural Resource Sciences.
Unit: College of Food, Agricultural & Natural Resource Sciences - Scope, budget and schedule to be defined pending outcome of feasibility study.
Total Cost: To Be Determined
Status: Feasibility

327 Murphy Warehouse Building Code Improvements

Campus: Twin Cities - Analyze potential long term modernization and capital improvements. The University is currently entertaining offers to sell the facility.
Unit: University Services
Total Cost: To Be Determined
Status: Predesign

332 Food Centric Corridor Expansion

Campus: Twin Cities - Remodel approximately 3,700 SF to expand the existing Food Centric Corridor BSL-2 research labs.
Unit: College of Veterinary Medicine - Provides expanded lab space, improved dirty and clean sample prep labs, additional procedure rooms and shared equipment space.
Total Cost: To Be Determined - 2014 Phase 1 remodel was similar in scope and size.
Status: Predesign

340 Rec Sports Fields

Campus: Twin Cities - Upgrade the rec sports fields on the west bank
Unit: Student Affairs - Install artificial turf, replace the support building, and reformat fields to better accommodate student need.
Total Cost: To Be Determined
Status: Planning

UNIVERSITY OF MINNESOTA

2019 Six Year Capital Plan - Under Consideration List

343 Coffman Programming and Retail Renovation

Campus: Twin Cities - Upgrade retail and dining facilities in Coffman.
Unit: Student Affairs
Total Cost: To Be Determined
Status: Proposal
