

March 1, 2019

Facilities

Capital Improvement Program Report

July 1, 2018 – December 31, 2018

Minnesota State



MINNESOTA STATE

Finance Division

DATE: March 1, 2019

TO: Jerry Janezich, Chair, Facilities Committee
Roger Moe, Chair, Finance Committee

FROM: Laura M. King *lking*
Vice Chancellor – Chief Financial Officer

SUBJECT: **Capital Improvement Program Report**

Attached is the semi-annual Capital Improvement Program (CIP) Report for the period of July 1, 2018 through December 31, 2018. It is also available online at <http://www.minnstate.edu/system/finance/facilities/design-construction/cip/index.html>.

Please let me know if you have any questions.

Email Copy to: Board of Trustees
Chancellor Devinder Malhotra
Leadership Council

TABLE OF CONTENTS

EXECUTIVE SUMMARY	2
PREFACE	3
 SECTION 1 BACKGROUND	
Project Management Resources	
eManual.....	4
Facilities Professional/Technical Consultant Master Contract	4
Enterprise Project Management System	5
Project Delivery Types.....	6
 Project Highlights	
Contracts over One Million Dollars	7
Capital Projects that Reached Substantial Completion	8
Capital Projects that Reached Final Completion.....	8
Capital Projects that Received Awards	9
 SECTION 2 PROGRAM SUMMARIES	
General Obligation (GO) Bond Fund	
Capital Program	
Program Summary.....	10
Project List	11-17
 General Obligation (GO) Bond Fund	
Higher Education Asset Preservation and Replacement (HEAPR)	
Program Summary.....	18
 Revenue Fund Bond	
Program Summary.....	19
Project List	20
 Guaranteed Energy Savings Program	
Program Summary.....	21
 SECTION 3 PROJECT SUMMARIES	
Appendix	22
Individual GO Bond Fund Capital, Revenue Fund and Guaranteed Energy Savings Program Project Summaries Arranged Alphabetical by College/University	

EXECUTIVE SUMMARY

As of December 31, 2018, funding appropriated in 2013-2018 available for major capital projects at colleges and universities of Minnesota State totaled \$538,753,535 This amount increased by \$123,453,535 from the last CIP report, in part due to 2018 GO & HEAPR appropriation.

\$249,641,091 Total amount of completed project (46% of appropriated funding)

\$289,112,444 Total amount of active projects* (54% of appropriated funding)

* Active projects are in either A/E selection, design, bidding, construction or closeout phase

There are four primary funding sources of capital improvements for college and university facilities.

General Obligation (GO) Bond Capital Projects

\$299,487,110* Total amount of appropriation for years 2013-2018

\$ 220,243,000 Total amount of active projects (76% of total appropriated funding)

*Does not include \$874,270 of GO Bond Capital converted to HEAPR Projects.

General Obligation (GO) Bond Higher Education Asset Preservation and Replacement (HEAPR) Projects

\$112,500,000* Total amount of appropriation for years 2013-2018

\$ 51,017,803 Total amount of active projects (18% of total appropriated funding)

*Includes \$874,270 of GO Bond Capital converted to HEAPR Projects

Revenue Fund Bond Projects

\$114,975,000 Total amount of appropriation for years 2013-2018

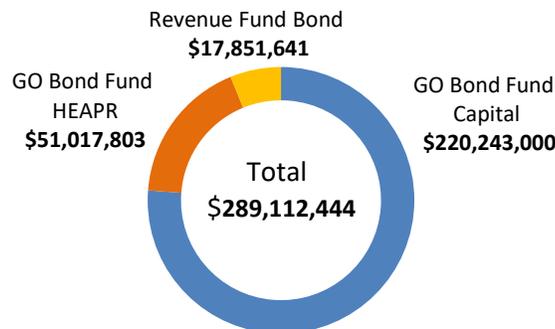
\$ 17,851,641 Total amount of active projects (6% of total appropriated funding)

Guaranteed Energy Savings Program Projects

\$11,791,425 Total amount of appropriation amount for years 2013-2018

\$ 0 Total amount of active project (0% of total appropriated funding)

Active Capital Project Funding Sources



PREFACE

This Capital Improvement Program (CIP) report summarizes the status of Minnesota State funded major capital projects that are active during the period July 1, 2018 - December 31, 2018. The next CIP reporting period is January 1, 2019 - June 30, 2019. Previous CIP reports are available at <http://minnstate.edu/system/finance/facilities/design-construction/cip/index.html>

This CIP report is separated into three sections.

Section 1 Background begins with an overview of project management resources, followed by the list of contracts over one million dollars that were executed during this reporting period. Next is a list of projects that reached substantial completion and final completion (closed out) during this reporting period. A list of projects that received awards is at the end of this section.

Section 2 Program Summaries provide background and financial updates based on five types of funding sources identified in Executive Summary:

- GO Bond Fund Capital projects
- GO Bond Fund HEAPR projects (includes GO Bond converted to HEAPR)
- Revenue Fund Bond projects
- Guaranteed Energy Savings Program projects

The financial tables within each of the five program summaries includes total appropriation, number of projects and financial status. Financial definitions in these tables are as follows:

Encumbrance Percentage	Percentage of the total appropriation amount that is encumbered and not spent in relation to the total project appropriation amount
Spent Percentage	Percentage of the total appropriation amount that is encumbered and spent in ISRS in relation to the total project appropriation amount
Uncommitted Percentage	Percentage of the total appropriation amount that is not encumbered or spent in ISRS in relation to the total project appropriation amount

The overview for the GO Bond Fund Capital Program, Revenue Fund Program and Guaranteed Energy Savings Program includes a list of projects active during this reporting period with their status. For projects that are managed in e-Builder project management system, a financial status and construction/change order status are included.

Section 3 Project Summary includes 21 individual reports for the GO Bond Fund Capital Program and Revenue Fund Program. These project summaries are at the end of this report arranged in alphabetical order by institution. The two page layout per project allows the sheet to be pulled out for stand-alone project information reference. This format is identical to the Capital Improvement Program Summaries (CIPS), which are updated quarterly and available at: <http://minnstate.edu/system/finance/facilities/design-construction/projectstatus/index.html>.

SECTION 1 BACKGROUND

Project Management Resources

Resources for colleges and universities project management are provided by the system office. They include Minnesota State Design Standards, eManual documents, Facilities P/T Master Contracts, Enterprise Project Management System and documents for a variety of project delivery methods.

eManual documents

Laws, policies and procedures are incorporated in the eManual documents that include contract templates, forms, instructions, white papers, matrixes, general conditions, etc.

- Vendors can access a limited list of documents on the web
- Campus Staff can access a complete list of all documents on SharePoint

As a new version is rolled out, there is a transition period of several months for full implementation (only a portion of the documents change):

- Version 1.0 (over 100 documents) access expired on October 31, 2018
- Version 2.0 (over 200 documents) introduced updated/new AIA contracts. It was rolled out September 28, 2018 and will expire early 2019.
- Version 2.1 introduces “on line bidding” and was available on October 31, 2018.

Facilitates P/T Master Contracts

To meet campus needs to expedite hiring process for Professional/ Technical (P/T) consultants for small projects, Facilities P/T Master Contracts were created. The contract is opened annually for execution of a five year period with fees for each project under \$100,000.

In 2017, the program was reformatted to require minimum qualifications for 30 specialty services. Based on campus feedback, Wayfinding was added as an additional specialty service for 2018. In 2019, two additional specialty services Utility Master Planning and Higher Education Analyst are planned.

Currently, there are 156 vendors that met the minimum qualifications for one of more services and entered into a master contract. This program is opened annually and there was a 27% increase from 2017 to 2018. Targeted Group, Economically Disadvantaged, or Veteran Owned Small Business Preferred Vendors currently represent 15% of the total number of vendors with a master contract. This represents an increase of 3% from 2017 to 2018.

Enterprise Project Management System

In 2013, “e-Builder” was chosen to be the system’s project management platform. Pilot projects were rolled out in 2014 and e-Builder is now required to be used for all design and construction projects. In addition, campuses have found it beneficial to use e-Builder for predesigns, studies and some maintenance work.

The number of projects managed in e-Builder increased 14% this reporting period.

- 245 total projects at end of last reporting period
- 279 total projects at the end of this reporting period (34 additional projects)

The number of commitments processed in e-Builder increased 28% this reporting period. Commitments includes processing payments and execution of contracts, purchase orders, amendments and change orders.

- 1,292 total commitments at the end of last reporting period
- 1,651 total commitments at the end of this reporting period (359 additional commitments)

Prompt payments is an important goal for the system. In 2014 when e-Builder was rolled out, prompt payment was at 88%. In 2015, e-Builder was configured to issue automatic reminders which contributed to increase of prompt payments to 97% or better. For this reporting period, prompt payment is at 99%.

In this report, donut pie charts generated by e-Builder were added to the Capital Project List for both GO Bond Fund Capital Program and Revenue Fund Program. The two charts and definitions are as follows:

Project Financial Status includes both past and current funding

Encumbered	Total funding-encumbered but not spent in relation to the total project funding amount
Spent	Total appropriation encumbered and spent in relation to the total project funding amount
Not Allocated	Total appropriation not encumbered or spent in relation to the total project funding amount
Center of chart	Total Project amount

Total Project Funding is separated into funding types

GO	General Obligation Bond Funds amount
HEAPR	General Obligation Bond – Higher Education Asset Preservation and Replacement amount
Revenue	Revenue Funds amount
Campus	Campus Funds that supplement GO and Revenue Capital Projects amount
Other	Other funds that supplement GO and Revenue Capital Projects (i.e. donations, grants) amount
Future	Funding that is planned
Center of chart	Total Project amount

Additional detail can be found in individual project summaries in Appendix.

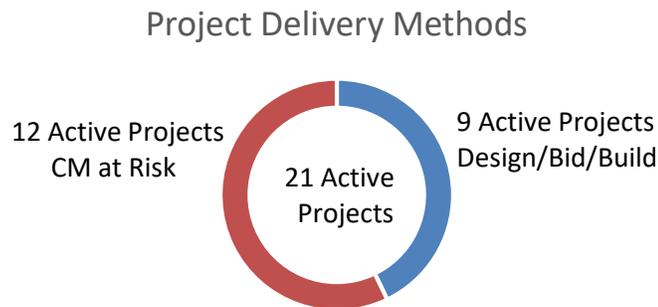
Project delivery methods

Project delivery methods are typically identified in Predesign and each uses unique contracting documents.

Design/Bid/Build (D/B/B) is the traditional delivery method used for the majority of Minnesota State projects. Using this method, the lowest responsible bidder is awarded the project. In September 2018, new AIA contracts (for A/E and contractor) were rolled out for Standard projects and Small projects. There are nine D/B/B projects in this report.

Construction Manager (CM) at Risk is an alternate delivery method to reduce risk for Minnesota State on large complex projects and allows CM allows to be selected during the early design phase. In September 2018, new AIA contracts (for A/E and contractor) were rolled out. There are 12 CM at Risk projects in this report.

Guaranteed Energy Savings Program (GESP) is an alternative means for financing and delivering energy efficiency, renewable energy and facilities renewal projects. Three projects have been completed. There are no projects in this report.



Contracts over One Million Dollars

Contracts over one million dollars require Board approval.

- Approval for GO and HEAPR funded contracts occur with Board's overall program approval prior to the legislative appropriation.
- Approval for Revenue Fund funded contracts occur with Board's overall program approval prior to bond sale.
- Approval for contracts funded by campus resources occurs on a project-by-project basis at a Board meeting.

Tables below show contract greater than one million dollars executed in this reporting period:

Funded with GO bond fund, HEAPR and Revenue fund

College/University	Project Name	Type of Vendor	Vendor Name Contract Amount
Alexandria Technical Community College	HVAC Phase 2	Construction	Eagle Construction \$3,754,000
MNSU Mankato	Clinical Sciences Phase 2 Renovation	Construction	Met-Con Construction \$2,494,000
MNSU Mankato	Memorial Library Roof Replacement	Construction	Brennan Construction \$1,047,000
Normandale Community College	Tunnel Repair	Construction	Donlar Construction \$4,400,000
Normandale Community College	Classroom and Student Services Center	P/T consultant (Architect)	HGA \$1,441,520
Rochester Community and Technical College	Memorial & Plaza Halls	Construction	Market & Johnson \$15,184,000

Funded with Campus Resources

College/University	Project Name	Type of Vendor	Vendor Name Contract Amount
MNSU Mankato	McElroy E & F Hall HVAC Renovation	Construction	Met-Con Construction \$1,558,500
Normandale Community College	Parking Lot 1 & 2	Construction	Northwest Asphalt, Inc. \$2,667,252

Capital Projects that Reached Substantial Completion

Substantial completion is a key milestone date whereby the contractor releases the construction site to colleges and universities to use for its intended purpose. This date correlates with Occupancy Permit received from the building code official and is the starting date for the one year warranty period required in construction contracts.

The Punchlist identifying the outstanding work is attached to the substantial completion certificate that the contractor, architect/engineer and campus project manager sign. This list of outstanding work is required to be completed prior to final completion of construction.

Closeout Phase is defined as the period of time after Substantial Completion and prior to Project Completion. Besides completing punchlist items for construction, this phase often includes completion of Percent for Art and furniture installation.

The following three capital projects reached substantial completion during this reporting period from July 1, 2018 – December 31, 2018. They were in Closeout Phase as of December 31, 2018.

College/University	Project Name
Minnesota State Community and Technical College Wadena campus	Library and Student Development Renovation
Northland Community and Technical College East Grand Forks campus	Laboratory Renovation
Winona State University	Phelps Hall Roof Replacement

Capital Projects that Reached Final Completion

Projects are considered completed after any of these events occur:

- Construction is completed and all funds are spent
- Remaining fund balance is transferred to HEAPR project(s) at that campus
- Funds sunset and are returned to State’s General Fund

There was one capital projects that were completed during this reporting period from July 1, 2018 – December 31, 2018.

College/University	Project Name
Minnesota State University, Mankato	Guaranteed Energy Savings Program

Capital Projects that received awards

During this reporting period, three Minnesota State projects received State of Minnesota Sustainable (B3) awards.

Best of B3 Recognition

Best Sustainable Building 2030

College/University	Project Name	Funding Source
Minnesota University Moorhead	Snarr Hall East Renovation	2017 Revenue Funds

Best of B3 Recognition

Best of Sustainable Building 2030

College/University	Project Name	Funding Source
Minnesota West Community & Technical College, Canby Campus	Savings in part due to: Englund Hall HVAC Upgrades	2015 GO & 2014 HEAPR
Riverland Community College, Owatonna Campus	Savings in part due to: Guaranteed Energy Saving Program	Lease to Own

SECTION 2 PROGRAM SUMMARIES

General Obligation (GO) Bond Capital Program Summary

General Obligation (GO) bonds provide funding for the majority of capital projects on Minnesota State campuses and can be used to acquire, construct, renovate and demolish academic facilities. These bonds are an obligation of the state and backed by the full faith and credit of the State of Minnesota. They are typically issued for 20 years. The state requires higher education systems to pay one-third the cost of debt service of the bonds associated with these major capital projects. Historically for Minnesota State, the one-third debt service was split between the campus and the system with each paying one-sixth of the overall debt service. Supplemental funding has occurred for 80% of the capital projects and is from private donors, federal and state grants, HEAPR and campus general operating funds.

Encumbrances for all years is over 75% except for 2018. We anticipate that the encumbrance percentages for this year will dramatically increase in the next reporting period due spring bidding and execution of construction contracts.

GO Bond Capital Program Financial Spending Summary

Year	Appropriation Amount	Number of Projects	Encumbrance Percentage	Spent Percentage	Uncommitted Percentage
2002	\$98,847,000	11	100%	100%	0%
2003	\$59,615,000	18	100%	100%	0%
2005	\$172,864,465	75	100%	100%	0%
2006	\$162,211,711	46	100%	100%	0%
2008	\$181,125,090	45	100%	100%	0%
2009	\$1,767,550	2	100%	100%	0%
2010	\$52,416,971	17	100%	100%	0%
2010C*	\$1,952,029	12	100%	100%	0%
2011	\$101,118,887	7	100%	99.92%	0%
2011C*	\$467,113	3	100%	100%	0%
2012	\$108,793,754	22	100%	99.99%	0%
2012C*	\$3,332,246	17	100%	100%	0%
2014	\$115,225,220	25	100%	99.75%	0%
2014C	\$1,198,890	9	100%	94%	0%
2015	\$31,723,000	5	96%	94.80%	4%
2015C	\$220,000	1	99%	46%	1%
2017	\$67,325,000	7	79%	51.98%	21%
2018	\$84,015,000	13	48.25%	1%	50.06%

*"C" noted after the year identifies GO bond funds that were converted to HEAPR

Higher Education Asset Preservation and Repair (HEAPR) is also funded out of GO bond proceeds, but the state carries the entire cost of the debt service. The HEAPR Program is covered in greater detail in the next section.

General Obligation (GO) Bond Capital Project List

The following is a list of 19 General Obligation bond fund capital projects that were active during this reporting period of July 1, 2018 – December 31, 2018. Status of each project as of December 31, 2018 is noted. For projects managed in e-Builder, the project financial status and the funding sources are illustrated in the pie charts. Definitions of the pie charts is explained on page 5.

At the end of this report is an Appendix with individual project summaries (two-page pull out sheets) arranged alphabetically by college and university. The two-page, front-to-back project layout allows the sheet to be pulled out for stand-alone project information reference.

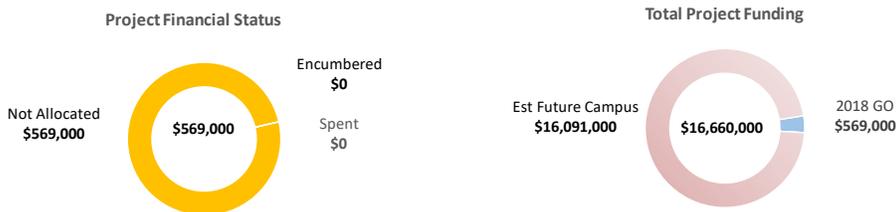
Minnesota State College/University Campus/Project

Status _____.

Anoka-Ramsey Community College

Coon Rapids Business and Nursing

A/E Selection



Bemidji State University

Academic Learning Center, Campus Renovation
and Hagg Sauer Demolition

Bid/Award



**Minnesota State College/University
Campus/Project**

Status .

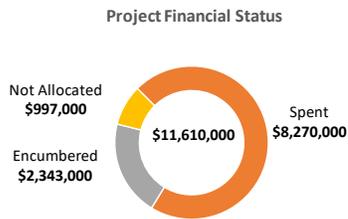
**Minnesota State University Moorhead
Weld Hall**

A/E Selection



**NHED-Hibbing Community College
Campus Renovation and Rightsizing**

Construction



**Normandale Community College
Classroom and Student Services, Phase I & 2**

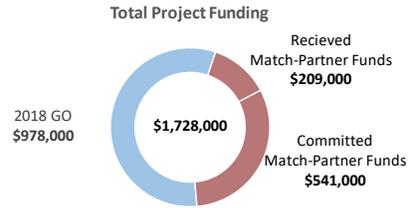
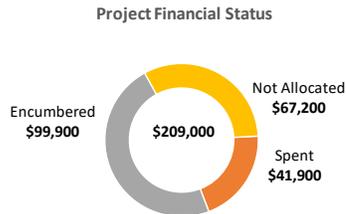
Design



Minnesota State Community and Technical College

Fergus Falls Center for Student and Workforce Success

Design



Minnesota State Community and Technical College

Wadena Library and Student Development Renovation

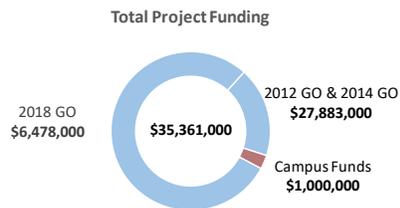
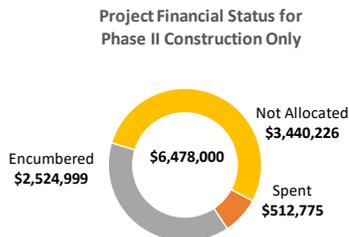
Closeout



Minnesota State University, Mankato

Clinical Science Facility Phase 1 New Building
Phase 2 Renovation, Solar, and Roof

*Closeout
Construction*



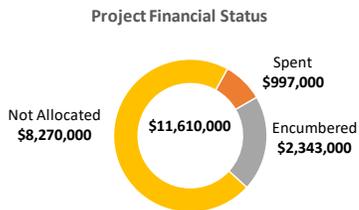
**Minnesota State University Moorhead
Weld Hall**

A/E Selection



**NHED-Hibbing Community College
Campus Renovation and Rightsizing**

Construction



**Normandale Community College
Classroom and Student Services, Phase I & 2**

Design



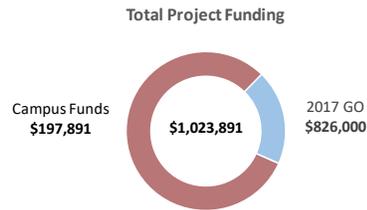
**Minnesota State College/University
Campus/Project**

Status

Northland Community and Technical College

East Grand Forks Laboratory Renovation

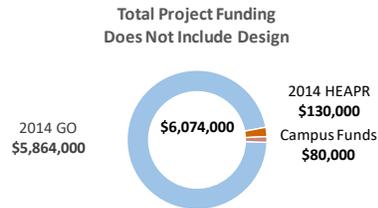
Close-out



Northland Community and Technical College

Thief River Falls Aviation Maintenance Facility Addition and Demolition

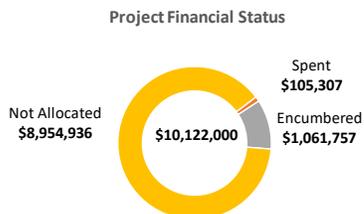
Closeout/Art



Riverland Community College

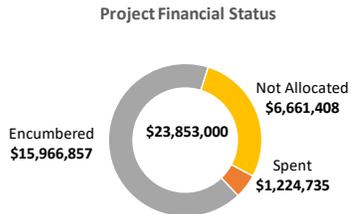
Albert Lea Transportation, Trades and Industrial Education Center

Design



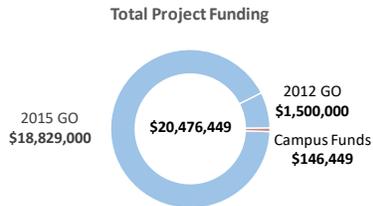
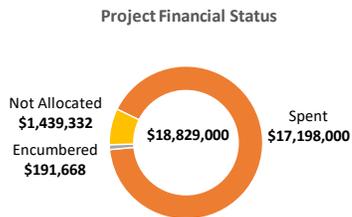
**Rochester Community and Technical College
Memorial and Plaza Halls**

Construction



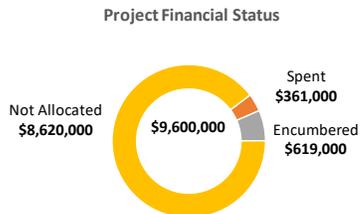
**Saint Paul College
Health and Science Alliance Center Addition**

Closeout/Art



**South Central College
STEM and Healthcare Renovation**

Design



St. Cloud State University

Student Health and Academic Renovation, Eastman Hall

Construction

Project Financial Status



Total Project Funding



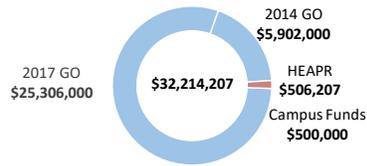
Winona State University

Education Village

Construction

Project Financial Status Not Available
Project was not fully managed in e-Builder

Total Project Funding



**General Obligation (GO) Bond Fund
Higher Education Asset Preservation and Replacement (HEAPR)
Program Summary**

HEAPR funds are provided through GO bonding and are allocated to campuses to perform repair and replacement of major building systems. As required by Minnesota Statute 135A.046, capital budget expenditures for 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, air quality improvement, building energy efficiency improvements using current best practices, 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.

Encumbrances and spending for all years is close to 100% except for 2017 and 2018. We anticipate that the encumbrance percentages for these two years will dramatically increase in the next reporting period due spring bidding and execution of construction contracts.

HEAPR Program Financial Spending Summary

Year	Appropriation Amount	Number of Projects	Encumbrance Percentage	Spent Percentage	Uncommitted Percentage
2002	\$59,999,254	171	100%	100%	0%
2003	\$101,000	1	100%	100%	0%
2005	\$41,500,000	80	100%	100%	0%
2006	\$40,153,878	101	100%	100%	0%
2008	\$59,599,910	137	100%	100%	0%
2009	\$40,000,000	159	100%	100%	0%
2010	\$52,000,000	154	100%	100%	0%
2010C	\$1,952,029	12	100%	100%	0%
2011	\$30,000,000	132	100%	100%	0%
2011C	\$467,113	3	100%	100%	0%
2012	\$20,000,000	70	100%	100%	0%
2012C*	\$3,332,246	17	100%	100%	0%
2014	\$42,500,000	91	100%	99%	0%
2014C*	\$1,198,890	9	100%	94%	0%
2015C*	\$220,000	1	99%	46%	1%
2017	\$25,000,000	33	71%	57%	29%
2018	\$45,000,000	28	34%	4%	66%

*"C" noted after the year identifies GO bond funds that were converted to HEAPR

Revenue Fund Program Summary

The Board of Trustees of the Minnesota State maintains statutory authority to issue revenue bonds to provide funding for construction, renovation, and renewal of Revenue Fund facilities. Revenue Fund facilities include, but are not limited to, residence halls, student unions, health and wellness centers, recreational facilities, and parking structures. Both colleges and universities can participate in the Revenue Fund.

Debt obligations of the Revenue Fund, unlike capital appropriations for academic facilities, are backed solely by the revenue generated from the physical assets in the Revenue Fund and are not debt obligations of the State of Minnesota. Supplemental funding for these major capital projects may come from private donors, federal and state grants, ad campus general operating funds.

There were no new projects authorized with Revenue Funds in 2018.

Revenue Fund Financial Spending Summary

Year	Bond Issuance Amount	Number of Projects	Encumbrance Percentage	Spent Percentage*	Uncommitted Percentage
2002	\$36,275,000	14	102.0%	102.0%	0%
2005	\$45,320,000	6	112.0%	112.0%	0%
2007	\$43,070,000	4	103.7%	103.7%	0%
2008	\$41,020,000	3	100.7%	100.7%	0%
2009	\$35,810,000	6	100.2%	100.2%	0%
2011 A&B	\$85,800,000	10	100.2%	100.2%	0%
2011 C	\$12,000,000	1	100.1%	100.1%	0%
2013	\$58,795,000	7	100.0%	100.0%	0%
2015	\$45,540,000	4	99.0%	99.0%	1.0%
2017	\$10,640,000	1	83.0%	83.08%	16.92%

*The final percentage of expenditures may be greater than 100% due to accruing investment interest.

Revenue Fund Program Project List

The following is a list of two Revenue Fund Program Projects that were active during this reporting period of July 1, 2018 – December 31, 2018. The status of each project as of December 31, 2018 is noted. For projects managed in e-Builder, the project financial status and the funding sources are illustrated in the pie charts. Definitions of the pie charts is explained on page 5.

At the end of this report is an Appendix with individual project summaries (two-page pull out sheets) arranged alphabetically by college and university. The two-page, front-to-back project layout allows the sheet to be pulled out for stand-alone project information reference.

Minnesota State College/University Campus/Project

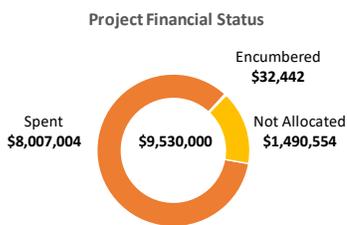
Status .

Minnesota State University, Mankato
Dining Services Building

Closeout

Minnesota State University Moorhead
Snarr Hall East Renovation

Closeout



Guarantee Energy Savings Program Program Summary

Guaranteed Energy Savings Program (GESP) is an alternative means for financing and delivering energy efficiency, renewable energy and facilities renewal projects. GESP Master Contracts were established by the Minnesota Department of Commerce in response to Governor’s Executive Order 11-12. Financing is via lease-purchase agreement based on a performance contract, which uses guaranteed energy savings from the project to pay off the lease over a period of time. If actual savings are not realized, the GESP vendor pays the difference between actual savings and agreed upon savings. Two projects have been completed and there are several under consideration.

Guaranteed Energy Savings Program Spending Summary

Year	Appropriation Amount	Number of Projects	Encumbrance Percentage	Spent Percentage	Uncommitted Percentage
2015	\$1,849,641	1	100%	100%	0%
2016	\$9,941,784	2	100%	99%	1%
2017	\$0	0			
2018	\$0	0			

There are no Guarantee Energy Savings Program Projects that were active during this reporting period of July 1, 2018 – December 30, 2018.

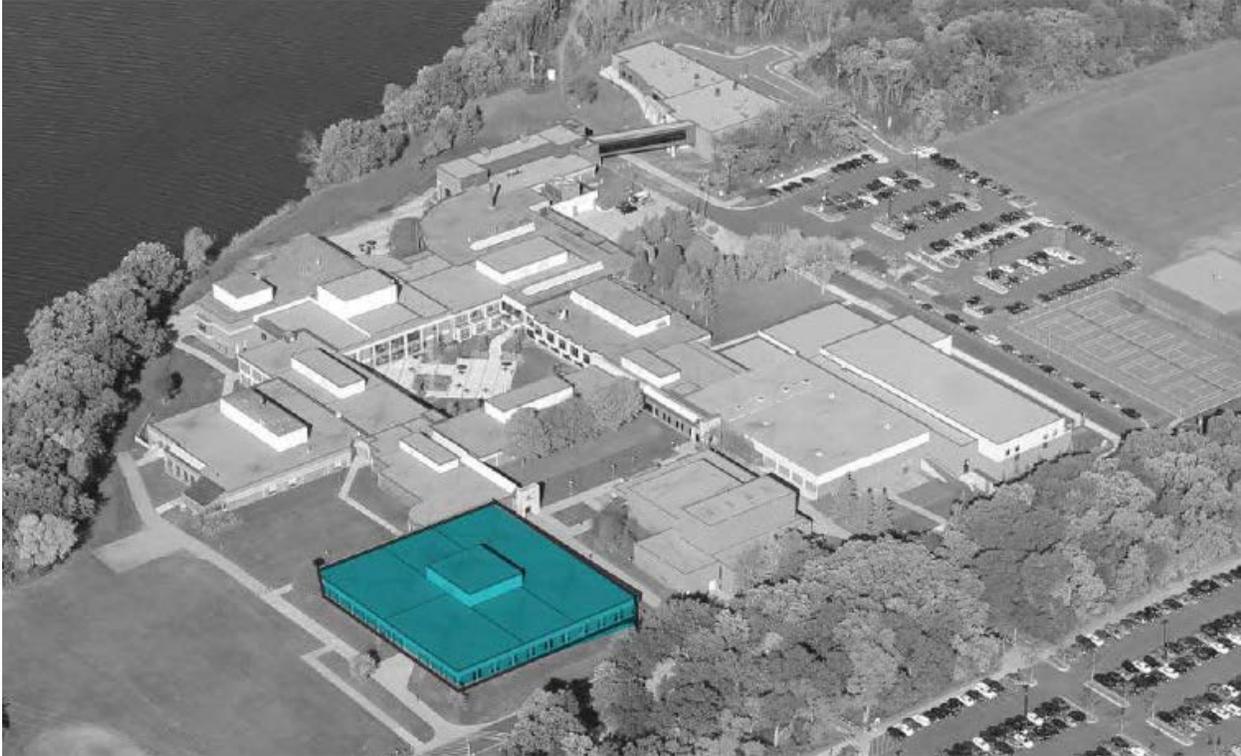
SECTION 3 PROJECT SUMMARIES

Appendix

The following 21 individual project summaries (two-page pull out sheets) funded by General Obligation Bond Fund Capital Program and Revenue Fund Program are arranged alphabetically by college and university. Data is current as of December 31, 2018. Project summaries are updated quarterly and available at <http://minnstate.edu/system/finance/facilities/design-construction/projectstatus/index.html> .

ANOKA RAMSEY COMMUNITY COLLEGE

Business and Nursing Renovation



CAMPUS PLAN – Coon Rapids

Campus website: www.anokaramsey.edu

PROJECT DESCRIPTION

The scope of this project includes:

- Creating contemporary and flexible learning environments,
- Renovating approximately 35,000 square feet or more of existing space for laboratory, classroom and office space, and
- Transforming existing 1960's interior space into a modern, sustainable, and collaborative environment.

Impact for students and facility as a result of this project includes:

- Enhancing internal circulation and wayfinding
- Removing \$4,902,000 in deferred maintenance, and
- Creating modernized classrooms, code compliant restrooms, centralize offices, and flexible multi-purpose labs.

PROJECT STATUS

A/E Selection

PROJECT CONSTRUCTION COMPLETION DATE

July 2021

PROJECT FUNDING

\$ 569,000 2018 State G.O. Bonds (Design)
 \$ 16,091,000 2020 State G.O. Bond request (Construction)
 \$ 16,660,000 Total

PROJECT HIGHLIGHTS

Area: Renovation 35,000 GSF
 Estimated Construction Cost: \$12,036,000
 Construction Bid Award: TBD
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Kenneth Karr
 SO Program Manager: Karen Huiett
 Architect/Engineer: TBD
 Contractor: TBD
 Owner's Representative: Knight Inspection Service

PROJECT SCHEDULE

2018												2019												2020												2021																																			
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D																								
											AE												SD												DD												CD												CON												CO

AE	Architectural/Engineering Design Consultant Selection
SD	Schematic Design Phase
DD	Design Development Phase
CD	Construction Document Phase

BA	Bidding and Award
CON	Construction
CO	Project Close out

BEMIDJI STATE UNIVERSITY

Academic Learning Center, Campus Renovation and Hagg Sauer Demolition



CAMPUS PLAN - Bemidji

Campus website: www.bemidjistate.edu

PROJECT DESCRIPTION

The scope of this project includes:

- Demolition of Hagg Sauer Hall – approximately 82,500 SF
- Construct Academic Learning Center – approximately 27,750 SF
- Renovate significant spaces in Benson Hall, Sattgast Hall, Bridgeman Hall, Bangsford Hall and A.C. Clark Library – approximately 54,883 SF.

Impact for students and faculty as a result of this project includes:

- Reducing the FCI from .10 to .09,
- Eliminating more than \$8.8 million in deferred maintenance,
- Create more flexible teaching spaces and active learning classrooms
- Create student study, gathering and collaboration spaces,
- Provide ADA compliant restrooms,
- Upgrade technology infrastructure,
- Create and upgrade faculty offices and flexible multi-purpose labs,
- Programs affected: Computer Science, Criminal Justice, Education, English, Geography, History, Library Services, Math, Music, Philosophy, Political Science, Psychology, Social Work, Sociology, and a new Tutoring Center

PROJECT STATUS

Construction

PROJECT CONSTRUCTION COMPLETION DATE

August 2020

PROJECT FUNDING

\$ 1,013,000 2014 State G.O. Bonds (Design)
 \$ 21,512,000 2018 State G.O. Bonds (Design/Demo/Construction)
\$ 75,000 2018 HEAPR (Restroom Renovation for ADA Compliance)
 \$ 22,600,000

PROJECT HIGHLIGHTS

Area: Remodel 54,883 GSF
 New 27,739 GSF
 Demolition 82,500 GSF

Estimated Construction Cost: \$ 17,400,000
 Construction Bid Award: \$ 17,273,885
 Project Delivery Method: Construction Manager at Risk

PROJECT TEAM

Campus Project Manager: Karen Snorek
 SO Program Manager: Jim Morgan
 Architect/Engineer: Bentz / Thompson / Rietow Architects
 Contractor: Terra General Contractors
 Owner's Representative: AFO Consultants

PROJECT SCHEDULE

2015												2016					
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
		AE															

2018					2019					2020					2021														
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J

AE	Architectural/Engineering Design Consultant Selection	BA	Bidding and Award
SD	Schematic Design Phase	CON	Construction
DD	Design Development Phase	CO	Project Close out
CD	Construction Document Phase		

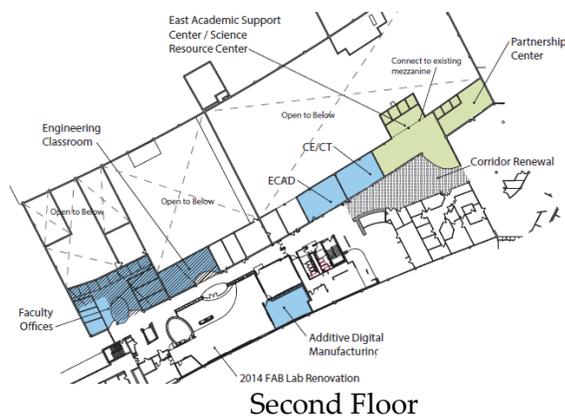
CENTURY COLLEGE

Applied Technology Center Renovation



CAMPUS PLAN

Campus website: <https://www.century.edu/>



PROJECT DESCRIPTION

The scope of this project includes:

- Designing, renovating and equipping the Engineering and Applied Technology Center, welding lab, fabrication lab, auto disassembly, and related student support and university partnership space on the east campus.

Impact for students and faculty as a result of this project includes:

- Eliminating \$680,000 from the backlog of required maintenance and asset preservation,
- Creating a mezzanine on the second floor for additional engineering classroom space,
- Increase capability of tutoring more students in Science Resource Center, and
- Provide faculty offices and informal huddle areas on the second floor.

PROJECT STATUS

A/E Selection

PROJECT CONSTRUCTION COMPLETION

May, 2021

PROJECT FUNDING

\$6,362,000 2018 State G.O. Bonds (Design and Construction)
 \$6,362,000

PROJECT HIGHLIGHTS

Area: Renovate 10,600 GSF and construct 4,000 GSF mezzanine
 Estimated Construction Cost: \$ 4,019,000
 Construction Bid award: TBD
 Project Delivery Method: Construction Manager at Risk

PROJECT TEAM

Campus Project Manager: Mike Houfer
 SO Program Manager: Terry Olsen
 Architect/Engineer: TBD
 Construction Manager: TBD
 Owner's Representative: TBD

PROJECT ACTUAL/FORECAST SCHEDULE

2018					2019					2020					2021																																									
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D																					
							AE							SD					DD							CD							BA							CON												CO				

KEY:

AE	Architectural/Engineering Design Consultant Selection	BA	Bidding and Award
SD	Schematic Design Phase	CON	Construction
DD	Design Development Phase	CO	Project Close out
CD	Construction Document Phase		

FOND DU LAC TRIBAL & COMMUNITY COLLEGE

Maajiigi Project



CAMPUS PLAN – Fond du Lac Tribal & Community College

Campus website: www.fdlccc.edu

PROJECT DESCRIPTION

Maajiigi is an Ojibwe word that means “starting to grow.” The project will create space to support the Elementary Teacher Education program as it expands into a four year program.

The scope of this project includes:

- Renovating approximately 2,000 square feet
- Fully functioning kitchen and food shelf
- Remodeling three classrooms including new furniture, technology and storage
- Creating an outdoor classroom to conduct some of the Environmental Institute’s classes

Impact for students and faculty as a result of this project includes:

- Strengthening the service to rural and reservation communities
- Eliminating more than \$ 365,000 in temporary structure (trailer)
- Creating new spaces for experiential learning and ceremonies for students and members of the community

INVER HILLS COMMUNITY COLLEGE

Technology and Business Center

Campus website: www.inverhills.edu



PROJECT DESCRIPTION

The Technology and Business Center project at Inver Hills Community College (IHCC) will respond to the changing educational needs of the Business and Accounting, STEM Technology and Paralegal programs as well as address numerous deferred maintenance needs of this building. The project will:

- Improve learning environments,
- Improve utilization of existing spaces, and
- Reduce facility operating costs through improved building systems.

The project scope includes a complete renovation of the Business Building as well as a new link proposed between Business and Heritage Hall.

Students will be impacted as a result of this project through:

- Improved technology and technology access for technology-rich coursework,
- S.T.E.M. collaborative learning areas, and
- New outdoor plaza

PROJECT STATUS

A/E Selection

PROJECT CONSTRUCTION COMPLETION DATE

Planned for September, 2021

PROJECT FUNDING

\$ 698,000 2018 G.O. Bond Funding (Design)

\$ 14,653,000 Planned State G.O. Bonds (Construction)

\$ 15,351,000 Total

PROJECT HIGHLIGHTS

Area: New 2,000 GSF
 Renovation 31,800 GSF
 Estimated Construction Cost: \$11,829,000
 Construction Bid Award: TBD
 Project Delivery Method: Construction Manager at Risk

PROJECT TEAM

Campus Project Manager: Paul DeMuth
 SO Program Manager: Justine Pliska
 Architect/Engineer: TBD
 Construction Manager: TBD
 Owner's Representative: TBD

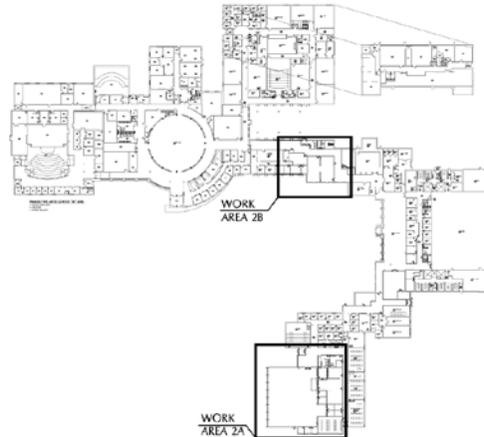
PROJECT SCHEDULE

2019												2020												2021											
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
AE					SD						DD						CD						BA	CON								CO			

AE	Architectural/Engineering Design Consultant Selection	BA	Bidding and Award
SD	Schematic Design Phase	CON	Construction
DD	Design Development Phase	CO	Project Close out
CD	Construction Document Phase		

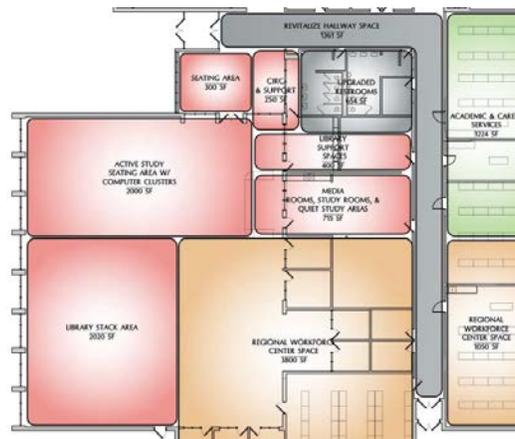
MINNESOTA STATE COMMUNITY AND TECHNICAL COLLEGE

Fergus Falls Center for Student and Workforce Success



CAMPUS PLAN

Campus website: <http://www.minnesota.edu/fergus-falls/>



PROJECT DESCRIPTION

The scope of this project includes:

- Creating a dedicated entrance and parking facilities for the Regional Workforce Center spaces, to be accessible when the college is closed,
- Improving campus space utilization with the leased area,
- Repurposing the existing library, meeting rooms and underutilized classroom spaces,
- Adding flexible spaces for active and quiet computer use throughout the library, and
- Updating interior finishes, lighting controls and fixtures and increasing the amount of electrical receptacles.

Impact for students and faculty as a result of this project includes:

- Combining the college's access, career and transfer services with services offered by the Regional Workforce Center and its participating federal, state and local partners, and
- Expanding community access to both education and employment options, better fulfilling the mission of each organization.

PROJECT STATUS

Design Development

PROJECT CONSTRUCTION COMPLETION

December 2019

PROJECT FUNDING

\$978,000 2017 State G.O. Bonds (Design and Construction)
 \$209,000 2018 Matching Partner Funds - Received (Design)
\$541,000 2019 Matching Partner Funds – Committed (Construction)
 \$1,728,000

PROJECT HIGHLIGHTS

Area: Renovation 14,362 GSF
 Estimated Construction Cost: \$ 1,135,000
 Construction Bid award: TBD
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Pat Nordick
 SO Program Manager: Terry Olsen
 Architect/Engineer: YHR Partners
 Contractor: TBD
 Owner's Representative: CPMI

PROJECT SCHEDULE

2017					2018					2019					2020														
J	F	M	A	M	J	F	M	A	M	J	F	M	A	M	J	F	M	A	M	J	F	M	A	M	J	F	M	A	M
					AE			SD		DD		CD	BA		CON			CO											

KEY:

AE	Architectural/Engineering Design Consultant Selection	BA	Bidding and Award
SD	Schematic Design Phase	CON	Construction
DD	Design Development Phase	CO	Project Close out
CD	Construction Document Phase		

MINNESOTA STATE COMMUNITY AND TECHNICAL COLLEGE

Wadena Library and Student Development Renovation



CAMPUS PLAN

Campus website: <http://www.minnesota.edu/wadena/>



PROJECT DESCRIPTION

The scope of this project includes:

- Renovating the space adjacent to the areas renovated due to the June 17, 2010 tornado,
- Returning two off-line classrooms into usable space,
- Creating a highly visible, welcoming location to be readily identifiable to students, and
- Providing new, more attractive finishes for the Library in its new location.

Impact for students and faculty as a result of this project includes:

- Relocating student services previously within administration, creating a more accessible, centrally located Student Services Center,
- Relocating office area for employees from Perham, tying administrative and student functions, and
- Updating the Library to serve current student needs.

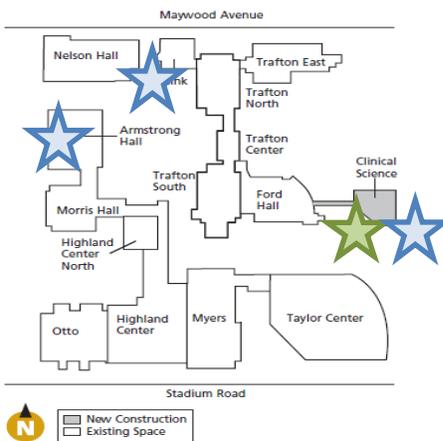
MINNESOTA STATE UNIVERSITY, MANKATO

Clinical Sciences Facilities – Phase 1 New Construction

Phase 2 Renovation, Roof Replacement & Solar



Wiecking Center



Phase One



Phase 1



Phase 2

CAMPUS PLAN & NEW CLINICAL SCIENCES BUILDING- Mankato

Campus website: www.mnsu.edu

PROJECT DESCRIPTION

Phase 1 designed, constructed, furnished and equipped a new Clinical Science Building to support the programs of the college of Allied Health and Nursing. Phase 1 of the project is complete and included:

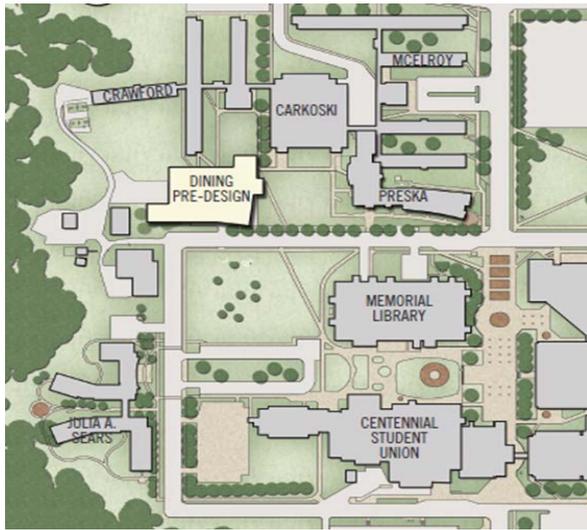
- New classroom and laboratory building spaces,
- Faculty and administrative offices,
- Clinics and student/faculty interaction spaces.

Phase 2 was divided into three separate projects as follows:

- Phase 2A: Remodeling of vacated spaces in three buildings after the construction of the new facility: Wissink Hall, Wiecking Center and Morris Hall. The scope of the remodeling includes:
 - Classrooms & laboratories including a Telepresence Room in Wissink Hall for distance learning and Active Learning Classrooms
 - Student Collaboration spaces,
 - Faculty offices, and
 - Toilet rooms and other building support spaces.
- Phase 2B: Re-roofing and minor exterior repair of Wissink Hall, and
- Phase 2C: New solar panels for the roof of the new Clinical Sciences building.

MINNESOTA STATE UNIVERSITY, MANKATO

Dining Services Building



CAMPUS PLAN - Mankato

Campus website: www.mnsu.edu



PROJECT DESCRIPTION

This project consists of the design and construction of a new residential Dining Services Building on the Minnesota State University, Mankato Campus.

The project includes a variety of dining venues, servery, kitchen, food storage, bakery, loading and receiving, residential life maintenance/repair and support shops and related utilities and support spaces. The existing dining facility, the Carkoski Commons building, will remain in place until 2019 or later, when it will be demolished to make room for the next phase of student housing.

PROJECT STATUS

Close-out

PROJECT CONSTRUCTION COMPLETION DATE

November 2016

PROJECT FUNDING

\$ 3,000,000 2014 University Revenue Fund Reserves (Design)
 \$ 28,407,000 2015 Revenue Fund Bonds (Construction)
 \$ 31,407,000 Total

PROJECT HIGHLIGHTS

Area: New 60,600 GSF
 Estimated Construction Cost: \$27,402,000
 Construction Bid Award: \$25,176,442
 Project Delivery Method: Construction Manager at Risk

PROJECT TEAM

Campus Project Manager: Richard Wheeler
 SO Program Manager: Justine Pliska
 Architect/Engineer: Bentz, Thompson, Rietow, Inc.
 Construction Manager: McGough Construction
 Owner's Representative: NA

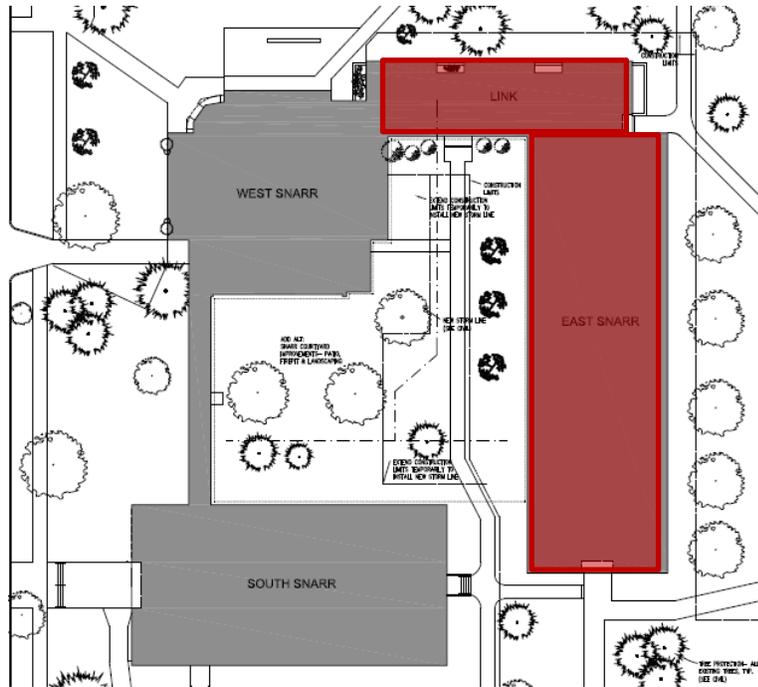
PROJECT SCHEDULE

2013				2014				2015				2016				2017				2018				2019												
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J
				AE				SD				DD				CD				BA				CON				CO								

AE	Architectural/Engineering Design Consultant Selection	BA	Bidding and Award
SD	Schematic Design Phase	CON	Construction
DD	Design Development Phase	CO	Project Close out
CD	Construction Document Phase		

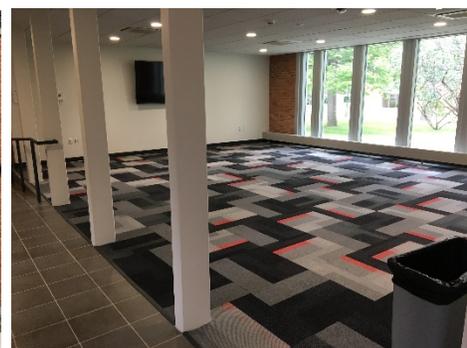
MINNESOTA STATE UNIVERSITY MOORHEAD

Snarr Hall East Renovation



CAMPUS PLAN - Moorhead

Campus website: www.mnstate.edu



PROJECT DESCRIPTION

The scope of this project includes:

- Improving the student experience and providing accessibility in the three-story, dormitory-style residence hall constructed in 1963, and
- Designing, renovating, furnishing and equipping the East Snarr residence hall, completing the Snarr Residence Hall Triad.

Impact for students and faculty as a result of this project includes:

- Refreshing common areas and substantially improving student and staff rooms, including upgraded finishes, lighting, fire alarm, sprinkler and HVAC systems, and
- Housing 204 beds, updating bathroom facilities, and rejuvenating lounge, study, and kitchenette support spaces.

PROJECT STATUS

Close out

PROJECT CONSTRUCTION COMPLETION DATE

June 2018

PROJECT FUNDING

\$9,280,000 2017 Revenue Bonds (Design and Construction)
 \$ 250,000 Campus Funds (Design and Construction)
\$9,530,000 Total

PROJECT HIGHLIGHTS

Area: Remodel 38,941 GSF
 Construction Cost: \$6,350,100
 Construction Bid Award: \$6,350,000
 Project Delivery Method: Construction Manager at Risk

PROJECT TEAM

Campus Project Manager: Heather Phillips
 SO Program Manager: Terry Olsen
 Architect/Engineer: BTR
 Contractor: McGough
 Owner's Representative: Hansen Consulting

PROJECT SCHEDULE

2016					2017					2018					2019																					
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	
				AE													CON					CO														

AE	Architectural/Engineering Design Consultant Selection	BA	Bidding and Award
SD	Schematic Design Phase	CON	Construction
DD	Design Development Phase	CO	Project Close out
CD	Construction Document Phase		

MINNESOTA STATE UNIVERSITY MOORHEAD

Weld Hall Renovation



CAMPUS PLAN

Campus website: <https://www.mnstate.edu/>



PROJECT DESCRIPTION

The scope of this project includes:

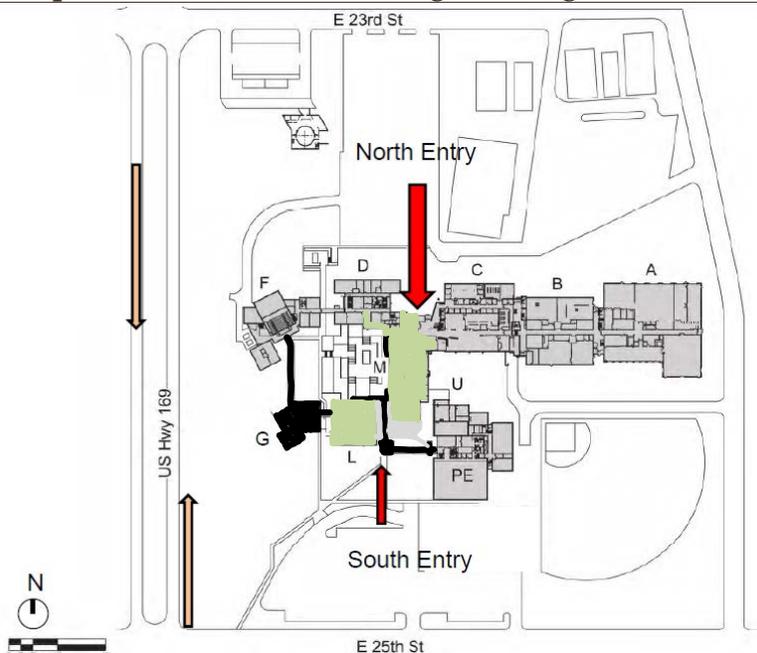
- Designing the renovation of historic Weld Hall, creating state-of-the-art teaching environments, providing flexible learning studios, and increasing space utilization.
- Reducing office space and adjusting mix of classrooms and labs.
- Removing more than \$8 million of deferred maintenance, including tuck-pointing, window replacement, providing sprinkler coverage and updating plumbing and HVAC.

Impact for students and faculty as a result of this project includes:

- Adding stair/elevator and stage access additions to serve student accessibility needs.
- Improving technology throughout the building.

NHED - HIBBING COMMUNITY COLLEGE

Campus Renovation and Rightsizing



CAMPUS PLAN – Hibbing, MN

Campus website: www.hibbing.edu



PROJECT DESCRIPTION

This project will demolish obsolete and underutilized space in Buildings G, the southwest wing of Building F and covered walkways for Buildings C, D, F, G and M. Renovate Building L and M to provide a one-stop service hub for student services, learning resources and continuing education, and construct new building to improve circulation, accessibility and create a new recognizable main entry to campus. The project will relocate and right size the existing library and relocate customized training and associated support spaces to improve overall utilization and reduce operating costs, provide access to improved technology, flexible classrooms, and modern learning environments. Current learning spaces have limited technology capabilities – sloped fixed seating classrooms of irregular shapes with low seat capacities. These variables constrain teaching opportunities and techniques. Construct a new main entry which will be highly visible and enhance the image of the campus.

PROJECT STATUS

Construction

PROJECT CONSTRUCTION COMPLETION DATE

February 2019

PROJECT FUNDING

\$ 387,000 2014 State G.O. Bonds (Design)
\$11,222,800 2017 State G.O. Bonds (Design/Construction)
 \$11,609,800 Total

PROJECT HIGHLIGHTS

Area: New 5,100 GSF
 Renovation 33,321 GSF
 Demolition 17,120 GSF

Estimated Construction Cost: \$9,000,000
 Construction Bid Award: \$8,085,000
 Project Delivery Method: Construction Manager at Risk

PROJECT TEAM

Campus Project Manager: Karen Kedrowski
 SO Program Manager: Jim Morgan
 Architect/Engineer: RRTL Architects
 Contractor: Max Gray Construction
 Owner's Representative: Hansen Construction Consulting

PROJECT SCHEDULE

2015												2016						2017						2018						2019											
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
AE		SD										DD						CD		BA		CON												CO							

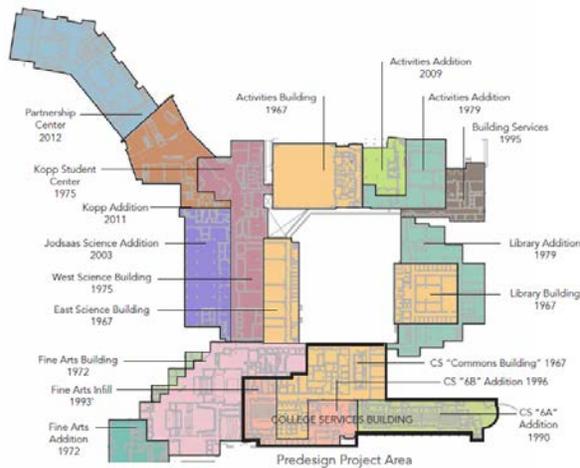
AE	Architectural/Engineering Design Consultant Selection
SD	Schematic Design Phase
DD	Design Development Phase
CD	Construction Document Phase

BA	Bidding and Award
CON	Construction
CO	Project Close out

NORMANDALE COMMUNITY COLLEGE

Classroom and Student Services Renovation, Phase 1 & 2

CAMPUS PLAN -



Campus website: www.normandale.edu

PROJECT DESCRIPTION

Phase 1 funding includes the design of both phases with primary interior renovation of the first floor and the construction of an expanded main entry. Phase 2 funding completes the design and renovates the interior of the second and third floors of the College Services Building. The scope of the projects includes:

Phase 1

- Welcoming student service area with innovative delivery
- 5 renovated classrooms
- Main entry expansion
- New testing lab

Phase 2

- Modernization of 27 classrooms including flexible furnishings and new technology
- New math and tutoring centers
- New computer lab and faculty offices

The impact for students and the facility as a result of the projects include:

Phase 1

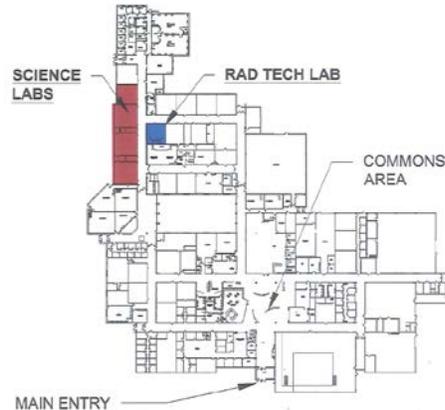
- Eliminating more than \$5 million of deferred maintenance backlog
- Improving wayfinding and access between floors,
- Additional individual and collaborative student study areas,

Phase 2

- Eliminating more than \$8 million of deferred maintenance backlog
- Overall increased space utilization,
- Updated technology in classrooms and student support areas,
- Improved efficiency and collaboration in faculty offices

NORTHLAND COMMUNITY AND TECHNICAL COLLEGE

East Grand Forks Laboratory Renovation



CAMPUS PLAN

Campus website: www.northlandcollege.edu

PROJECT DESCRIPTION

The scope of this project includes:

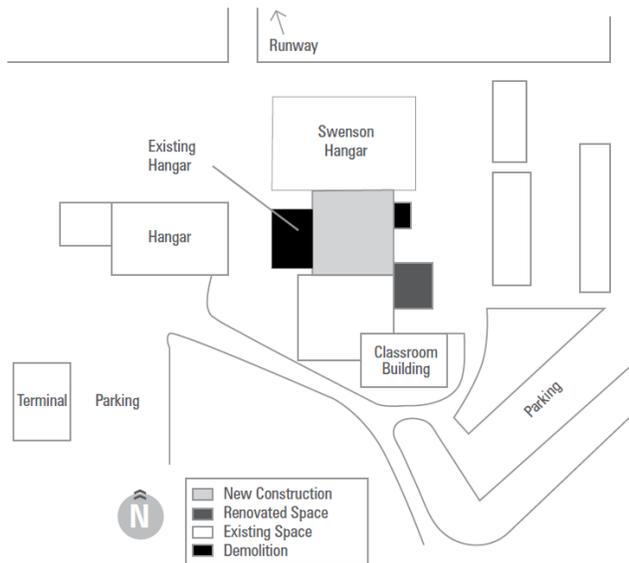
- Renovating three existing outdated, unsafe, and cramped science laboratories and the radiologic technology laboratory,
- Replacing benches in anatomy and microbiology to improve interaction,
- Removing the old dark room, upgrading radiologic laboratory, complementing new digital imaging equipment procured through the 2012 Leveraged Equipment Program,
- Allowing incorporation of new technologies and an improved teaching area, and
- Increasing storage space to mitigate fire code violations and allow use of the prep area for lab exercises, allowing labs more flexibility for lab courses and lecture-based classes.

Impact for students and faculty as a result of this project includes:

- Allowing the chemistry laboratory to schedule 24 students instead of 18 due to safety concerns using hazardous materials, flames and hot plates in close working conditions,
- Increasing usable lab space, improving student and instructor ADA accessibility and eliminating safety risks from tripping hazards and improperly vented fume hoods,
- Renovating to resemble exam rooms and x-ray imaging station at one of the partner agency clinical sites, for real world relevance,
- Supporting a potential new lab technician program with new technologies, and
- Allowing 4 additional students to the Program.

NORTHLAND COMMUNITY AND TECHNICAL COLLEGE

Thief River Falls Aviation Maintenance Facility Addition and Demolition



CAMPUS PLAN – Thief River Falls

Campus website: www.mnstate.edu



PROJECT DESCRIPTION

The scope of this project includes:

- Designing and renovating the existing Aviation Maintenance Technology (AMT) facilities at the NCTC airport campus. The existing facility was inadequately designed to support the future needs of the Unmanned Aerial Systems (UAS) and Imagery Analyst (IA) programming and needed to be replaced,
- Bringing campus airport facilities in line with today's technology standards to properly interface with the equipment needed for the AMT, UAS and IA training programs,
- Demolishing both the Arctic and Composite hanger,
- Constructing a new multi-purpose structure connecting the Aviation Classroom Building with the Swenson Hangar, and
- Renovating the existing Recip Hanger into consolidated storage space.

Impact for students and faculty as a result of this project includes:

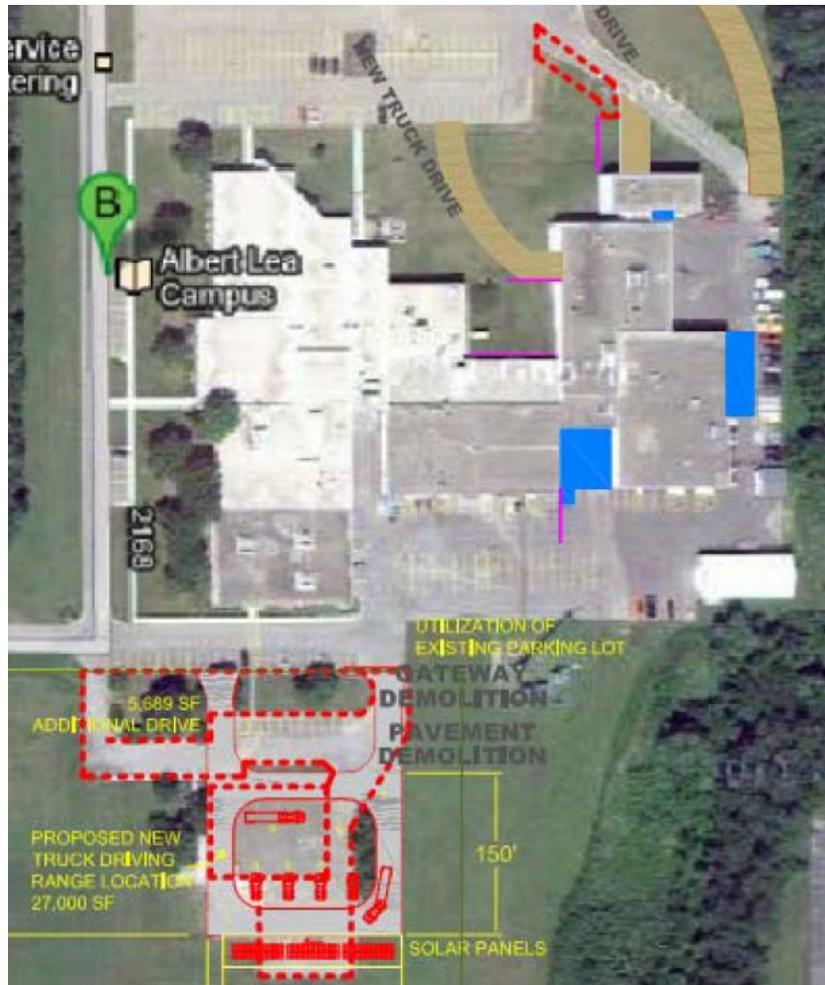
- Allowing for training and partnerships within the industry, ensuring that NCTC will have a significant influence in the UAS and aviation industry.

RIVERLAND COMMUNITY COLLEGE

Albert Lea Transportation, Trade and Industrial Education Center

PROJECT SITE PLAN

Campus website: www.riverland.edu



PROJECT DESCRIPTION

The Riverland-Albert Lea, Trade, Transportation and Industrial Education Center project will:

- Modernize existing classroom and lab spaces,
- Provide a new accessible rear entry and bathroom renovation,
- Demolish the obsolete Gateway Building,
- Improve site safety while incorporating a truck driving range within the campus boundary, and
- Resolve numerous deferred maintenance issues including water intrusion and roof replacement.

Students will be impacted through improved learning labs, a new student lounge, more convenient bathrooms and safer site circulation at the South end of the building.

PROJECT STATUS

Design

PROJECT CONSTRUCTION COMPLETION DATE

September 2020

PROJECT FUNDING

\$ 10,122,000 2018 G.O. Bond Funds (Design and Construction)

PROJECT HIGHLIGHTS

Area: New 7,482 GSF
 Renovation 39,173 GSF
 Demolition 7,488 GSF

Estimated Construction Cost: \$7,312,600
 Construction Bid Award: TBD
 Project Delivery Method: Construction Manager as Constructor

PROJECT TEAM

Campus Project Manager: Brad Doss
 SO Program Manager: Justine Pliska
 Architect/Engineer: Allliance
 Construction Manager: TBD
 Owner's Representative: AFO

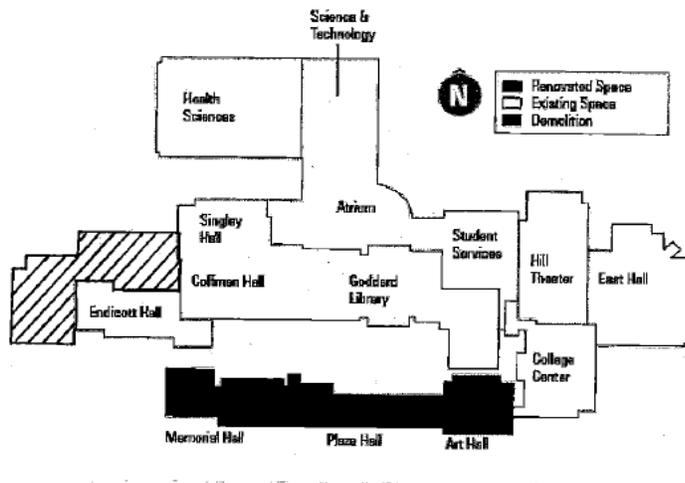
PROJECT SCHEDULE

2018					2019					2020					2021																				
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
				AE	SD	DD	CD	B	CON					CO																					

AE	Architectural/Engineering Design Consultant Selection	BA	Bidding and Award
SD	Schematic Design Phase	CON	Construction
DD	Design Development Phase	CO	Project Close out
CD	Construction Document Phase		

ROCHESTER COMMUNITY AND TECHNICAL COLLEGE

Memorial and Plaza Halls Demolition Design and Renovation



CAMPUS PLAN - Rochester

Campus website: www.rctc.edu



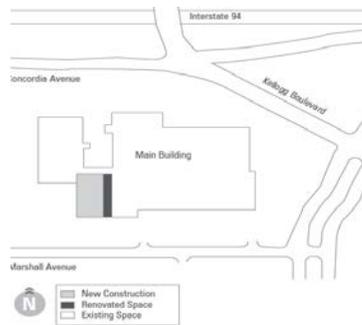
PROJECT DESCRIPTION

This project provides for the demolishing of the existing Memorial and Plaza Halls, Grounds Storage Garage, and related site work. The new work includes:

- An addition added to Endicott Hall for Classrooms, Faculty Offices and Student Support spaces,
- Renovations to existing Classrooms,
- Accessibility upgrades,
- Campus infrastructure improvements including a new central chiller plant, and
- Creation of an exterior plaza to the South for outdoor learning and student use.

SAINT PAUL COLLEGE

Health and Science Alliance Center Addition



CAMPUS PLAN – St. Paul

Campus website: www.saintpaul.edu



PROJECT DESCRIPTION

The scope of this project includes:

- Designing, constructing, furnishing and equipping a new classroom and laboratory building located on the westerly end of the existing campus facilities,
- Addressing the growing demand for health and science programs offered by the College in partnership with public and private programs in nursing, medical lab technology, chemistry and allied careers, and
- Including a walkway/entry component to connect to the new west end parking ramp to serve as a major entry to the campus.

Impact for students and faculty as a result of this project includes:

- Providing new faculty and administrative offices, teaching laboratories, classrooms and student/faculty interaction spaces,
- Addressing issues of life safety, air quality, deferred maintenance, sustainability and energy efficiency, preservation of assets, space shortages and space use constraints, and
- Completing the design with funds appropriated from the 2012 legislative session and bidding and construction funds from the 2015 special legislative session.

PROJECT STATUS

Close out

PROJECT CONSTRUCTION COMPLETION DATE

July 2017

PROJECT FUNDING

\$ 1,500,000 2012 State G.O. Bonds (Design)
 \$ 18,829,000 2015 State G.O. Bonds (Construction)
\$ 146,500 Campus Funds (Parking Lot Construction)
 \$ 20,475,500 Total

PROJECT HIGHLIGHTS

Area: New 39,037 GSF
 Remodel 5,630 GSF
 Final Construction Cost: \$15,182,463
 Construction Bid Award: \$14,250,000
 Project Delivery Method: Construction Manager at Risk

PROJECT TEAM

Campus Project Manager: Scott Wilson
 SO Program Manager: Terry Olsen
 Architect/Engineer: Oliver and Associates / BTR
 Construction Manager: Knutson Construction
 Owner's Representative: Hansen Construction Consulting

PROJECT SCHEDULE

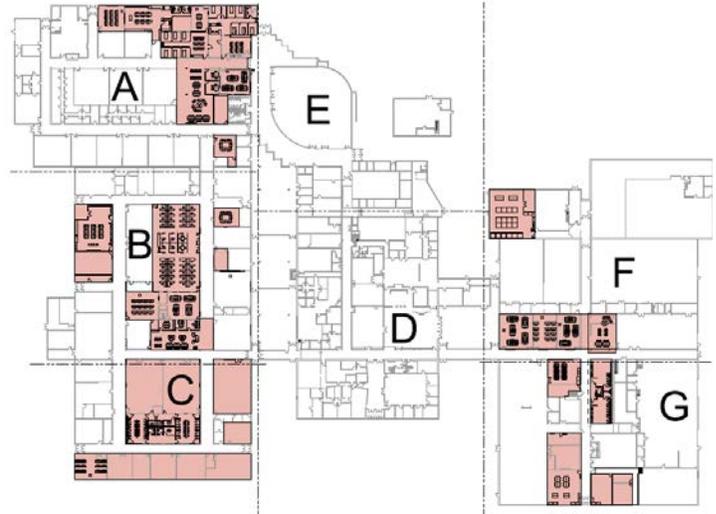
2012					2013					2014					2015																				
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
				AE	SD					DD		CD											CD		BA										

2016					2017					2018					2019																				
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
					CON					CO																									

AE	Architectural/Engineering Design Consultant Selection	BA	Bidding and Award
SD	Schematic Design Phase	CON	Construction
DD	Design Development Phase	CO	Project Close out / Public Art
CD	Construction Document Phase		

SOUTH CENTRAL COLLEGE

STEM and Healthcare Renovation



CAMPUS PLAN – North Mankato

Campus website: www.southcentral.edu

BUILDING PLAN

PROJECT DESCRIPTION

The scope of this project includes:

- Creating student and faculty environments which simulate real life technical experiences or modern university labs and classrooms, and to prepare students to enter the workforce or transfer to a university with the skills they need to be successful,
- Transforming existing 1960's interior space into a modern, sustainable, and collaborative environment,
- Renovating approximately 48,650 square feet or more of existing space for laboratory, classroom and office space, and
- Renew approximately 11,350 square feet of circulation and support space.

Impact for students and faculty as a result of this project includes:

- Enhancing the Agriculture, STEM, Manufacturing, and Allied Health programs,
- Reducing operational costs up to 45% and the FCI from .15 to .11,
- Eliminating more than \$2.9 million in deferred maintenance, and
- Creating modernized classrooms, code compliant restrooms, vibrant social and study spaces, centralize offices, and flexible multi-purpose labs.

PROJECT STATUS

Construction Documents

PROJECT CONSTRUCTION COMPLETION DATE

May 2020

PROJECT FUNDING

\$ 9,600,000 2017 State G.O. Bonds (Design & Construction)

\$ 550,000 Campus funds (Construction)

\$10,150,000

PROJECT HIGHLIGHTS

Area: Renovation 48,650 GSF
Renewal 11,350 GSF

Estimated Construction Cost: \$8,174,500
Construction Bid Award: \$7,774,470
Project Delivery Method: Construction Manager at Risk

PROJECT TEAM

Campus Project Manager: David Armstrong
SO Program Manager: Karen Huiett
Architect/Engineer: DLR Group
Construction Manager at Risk: Kraus-Anderson Construction Company
Owner's Representative: Knight Inspection Service

PROJECT SCHEDULE

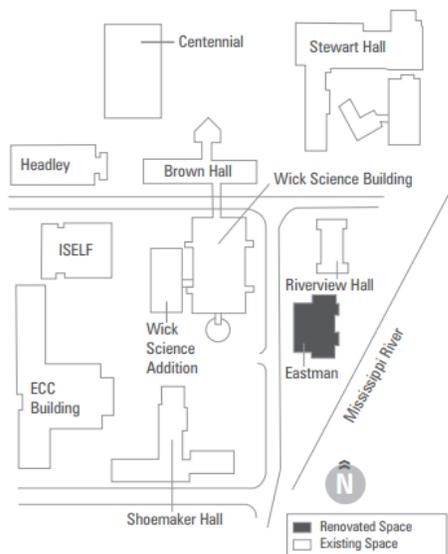
2017					2018					2019					2020																				
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
				AE	SD					DD	CD	BA	CON					CO																	

AE	Architectural/Engineering Design Consultant Selection
SD	Schematic Design Phase
DD	Design Development Phase
CD	Construction Document Phase

BA	Bidding and Award
CON	Construction
CO	Project Close out

ST. CLOUD STATE UNIVERSITY

Student Health and Academic Renovation, Eastman Hall



CAMPUS PLAN – St. Cloud

Campus website: www.stcloudstate.edu



PROJECT DESCRIPTION

The scope of this project includes:

- Renovating Eastman Hall to create greater integration of academic and student services,
- Constructing a significant infill mezzanine area while keeping the building's footprint the same, and
- Eliminating \$3.8 million of deferred maintenance backlog.

Impact for students and faculty as a result of this project includes:

- Co-locating the School of Health and Human Services, Human Performance Lab, Student Health Services, and the U-Choose Program into currently empty space at Eastman Hall to serve a growing, diverse student population as well as develop collaborative interdisciplinary programs to support workforce demands in health and human services,
- Improving these professional spaces will allow existing academic programs, such as radiologic technology, to offer more real world experiences to students, and
- Strengthening ties with local medical communities by utilizing attractive existing space in a beautiful historic building for additional square footage without creating a new footprint or compromising the exterior appearance.

WINONA STATE UNIVERSITY

Education Village, Phase 1 & 2 Renovation



CAMPUS PLAN - Winona

Campus website: www.winona.edu



PROJECT DESCRIPTION

Phase 1 funding includes the design of both phases with partial exterior renovation of Wabasha Hall and Cathedral School. Phase 2 funding includes the majority of the renovation and new construction in Cathedral School, Net Gym and Wabasha Hall. The scope of the projects include:

Phase 1

- Exterior window replacements
- Roof replacement
- Masonry restoration

Phase 2

- Demolishing the Annex and a portion of Wabasha Rec,
- Renovating existing buildings that include more than 20 classrooms/labs, observation rooms, and faculty offices,
- Constructing three new distinct entries and purposefully-designed specialty labs, and
- Creating a modern, integrated space that supports a truly transformative educational program.

The impact for students and the facility as a result of the projects include:

Phase 1

- Eliminating \$3 million of deferred maintenance backlog

Phase 2

- Improving building accessibility,
- Creating a holistic learning and mentoring environment.
- Eliminating \$5 million of deferred maintenance backlog

PROJECT STATUS

Phase 1 - Close out

Phase 2 - Construction

PROJECT CONSTRUCTION COMPLETION DATE

Phase 1 - November 2017

Phase 2 - March 2019

PROJECT FUNDING

\$ 5,902,000 2014 State G.O. Bonds (Phase 1 & 2 Design/ Phase I Construction)

\$25,306,000 2017 State G.O. Bonds (Phase 2 Construction)

\$ 506,207 HEAPR (Phase 2 Construction)

\$ 500,000 Campus Funds (Phase 2 Construction)

\$32,214,207 Total

PROJECT HIGHLIGHTS

Areas:	Phase 2 New	6,450 GSF
	Phase 2 Renovation	82,696 GSF
	Phase 2 Demolition	28,600 GSF
Estimated Construction Cost:	Phase 1	\$ 3,191,464
	Phase 2	\$21,994,052
Construction Bid Award:	Phase 1	\$ 3,191,464
	Phase 2	\$21,994,052
Project Delivery Method:	Construction Manager at Risk	

PROJECT TEAM

Campus Project Manager:	Tim Matthees
SO Program Manager:	Karen Huiett
Architect/Engineer:	Leo A. Daly Architects
Construction Manager:	Kraus-Anderson Construction Company
Owner's Representative:	CPMI

PROJECT SCHEDULE

Phase 1

2014	2015					2016					2017					2018																						
O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
AE	SD					DD	CD	BA	CON					CO																								

Phase 2

2014	2015					2016					2017					2018					2019																	
O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
AE	SD					DD					CD	BA	CON					CO																				

AE	Architectural/Engineering Design Consultant Selection
SD	Schematic Design Phase
DD	Design Development Phase
CD	Construction Document Phase

BA	Bidding and Award
CON	Construction
CO	Project Close out