March 12, 2018

Facilities

# Capital Improvement Program Report

## July 1, 2017 – December 31, 2017

Minnesota State

MINNESOTA STATE

**Finance Division**

DATE: March 12, 2018

TO: Jay Cowles, Chair, Finance and Facilities Committee

FROM: Laura M. King
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, 2017 through December 31, 2017.

It is also available online at http://www.mnscu.edu/system/finance/facilities/design-construction/cip/index.html.

Please let me know if you have any questions.

Email Copy to: Board of Trustees
Devinder Malhotra
Leadership Council

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# EXECUTIVE SUMMARY

As of December 31, 2017, there is $236.0 million in major capital projects active in either design, construction or closeout at colleges and universities of Minnesota State. This amount has decreased by $51.4 million from the last CIP Report mainly attributed to a drop in Revenue Fund projects. There are five primary funding sources for capital improvements to college and university facilities.

**General Obligation (GO) Bond Fund Capital Program** fund amount decreased from last reporting period by $1.0 million.

$161.7 million 68.5% of all project funding

**General Obligation (GO) Bond Fund Higher Education Asset Preservation and Replacement (HEAPR) Program** fund amount decreased from last reporting period by $4.9 million.

$14.4 million 6.1% of all project funding

**Revenue Fund Program** fund amount has decreased by $41.7 million since last reporting period.

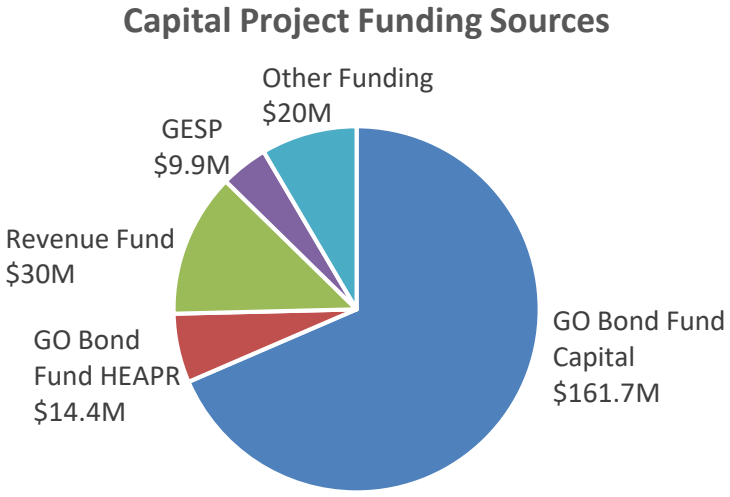
$30.0 million 12.7 % of all project funding

**Guaranteed Energy Savings Program (GESP)** fund amount has stayed the same from last reporting period.

$9.9 million 4% of all project funding

**Other funding** augments the scope of capital projects through private donations, federal and state grants, campus general operating funds and revenue reserves, and does not include projects funded solely with campus funds. This funding amount decreased from last reporting period by $3.8 million.

$20.0 million 8% of all project funding



# PREFACE

This Capital Improvement Program (CIP) report summarizes the status of Minnesota State funded major capital projects under design and/or construction during the period July 1, 2017 through December 31, 2017. The next CIP reporting period is January 1, 2018 through June 30, 2018. This report is broken into three sections.

**Section 1 Background** begins with an overview of project delivery methods, followed by the enterprise project management system summary. Next, are lists of the contracts over one million dollars executed during this reporting period. A new feature added to this report is a list of projects that reached substantial completion during this reporting period,

**Section 2 Program Summaries** provide background and financial updates based on five types of funding sources:

- GO Bond Fund capital projects
- GO Bond Fund HEAPR projects
- Revenue Fund projects
- Guaranteed Energy Savings Program projects
- Other funded projects

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

- "Encumbrance Percentage" identifies the percentage of the total appropriation that is encumbered and not spent in relation to the total project appropriation
- "Spent Percentage" identifies the percentage of the total appropriation that is encumbered and spent in ISRS in relation to the total project appropriation
- "Free Balance Percentage" identifies the percentage of the total appropriation that is not encumbered or spent in ISRS in relation to the total project appropriation

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. A feature in this report is the financial and construction/change order status for projects managed in the e-Builder project management system.

**Section 3 Project Summary** includes 21 individual reports for the GO Bond Fund Capital Program, Revenue Fund Program and Guaranteed Energy Savings Program projects. 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 monthly and available at http://minnstate.edu/system/finance/facilities/design-construction/cip/index.html.

# SECTION 1 BACKGROUND

## Project Delivery Methods

**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. To promote easy access of bid documents, along with bid results, electronic files are posted at Minnesota State Construction Bid Opportunities on Quest CDN interface at http://qap.questcdn.com/qap/projects/prj_browse/ipp_browse_grid.html?projType=&group=70464&provider=70464**.**

**Construction Manager at Risk** (CM@r) continues to gain popularity as an alternate delivery method to reduce risk for Minnesota State on large complex projects. CM@r allows the construction manager, similar role as general contractor, to be selected during the early design phase. As defined by Minnesota Statute 16C.34, the selection is based on a two-step process of qualifications and fees. After the Guaranteed Maximum Price (GMP) is established in the design development phase, bid documents are completed and issued to subcontractors that were pre-qualified by the construction manager.

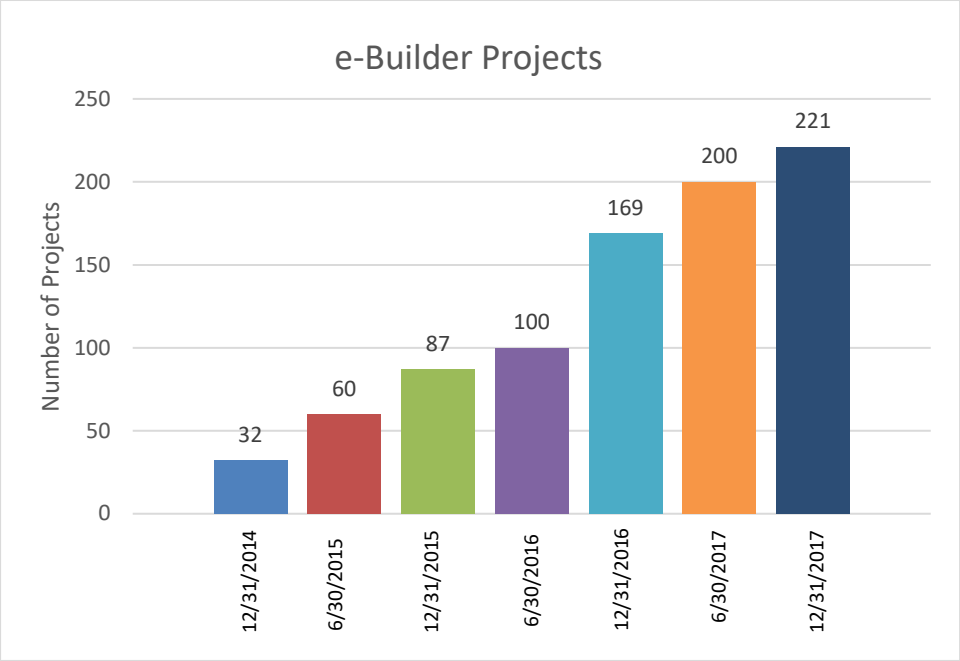
Although there is additional work up front for the selection of the construction manager, the benefits of their involvement in the design phase makes this method preferable to use on some of our significant capital projects. Since CM@r was implemented in 2012, there are 36 projects that used this delivery method with the construction amount totaling $500 million. This report includes 10 projects in design, construction or closeout; which composes almost half the active projects.

**Guaranteed Energy Savings Program** (GESP) is an alternative means for financing and delivering energy efficiency, renewable energy and facilities renewal projects. Additional detail of program is covered later in this report.

## Enterprise Project Management System

"e-Builder" has been the system's project management platform since 2013. Effective January 2016, all new projects were required to be managed in e-Builder. At the end of this reporting period, project amounts totaled $222 million, which is an increase of $63 million.

The 221 total projects managed in e-Builder is an increase of 10.5% from previous reporting period.




In this report, pie charts generated by e-Builder were added to the Capital Project List for the GO Bond Fund Capital Program, Revenue Fund Program and Guaranteed Energy Savings Program. The two pie charts indicate the project financial status and the construction contract/change order status for projects managed in e-Builder. The definitions in these two pie charts are as follows:

Project Financial Status

- "Encumbrance Percentage" identifies the percentage of the total appropriation that is encumbered and not spent in relation to the total project appropriation
- "Spent Percentage" identifies the percentage to the total appropriation that is encumbered and spent in ISRS in relation to the total project appropriation
- "Free Balance Percentage" identifies the percentage of the total appropriation that is not encumbered or spent in ISRS in relation to the total project appropriation

Construction Contract

- "Original Contract Percentage" identifies the percentage of the original construction contract in relation to the total contract total contract including change orders.
- "Change Order Percentage" identifies the percentage of the change orders in relation to the total contract total contract

## List of Contracts over One Million Dollars Funded with Campus Resources

There was one contract greater than one million dollars executed in this reporting period with campus resources.

| College/University | Project Name | Contract Type & Amount<br>Vendor Name |
|---|---|---|
| St. Cloud Technical and Community College | Bookstore & Coffee Shop | Construction $1,085,138<br>Gopher State Contractors, Inc. |

## List of Contracts over One Million Dollars Funded with GO bond fund, HEAPR and Revenue fund

One contract greater than one million dollars was executed in this reporting period funded by the Revenue bond fund. There were no contracts greater than one million dollars executed by GO bond fund or HEAPR. The contract approval was part of the Board's overall program approval prior to the legislative appropriation.

| College/University | Project Name | Contract Type & Amount<br>Vendor Name |
|---|---|---|
| Minnesota State University Moorhead | East Snarr Renovation | Construction $6,350,100<br>McGough Construction Company, Inc. |

## List of 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 work.

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 six capital projects reached substantial completion during this reporting period from July 1, 2017 – December 31, 2017. They were in Closeout Phase as of December 31, 2017.

| College/University | Project Name | Substantial Completion Date |
|---|---|---|
| Dakota Country Technical College | Transportation and Emerging Technical Lab Renovation – Phase 2C | August 2017 |
| Minnesota State University Moorhead | South Snarr | July2017 |
| Minnesota West Community and Technical College, Jackson | Geothermal; HVAC System | August 2017 |
| Minnesota West Community and Technical College, Jackson | Powerline Technician Training Facility | July 2017 |
| NHED- Vermilion Community College | Student Housing | July 2017 |
| Winona State University | Education Village – Phase 1 | November 2017 |

## List of Completed Projects

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.

The following six capital projects were completed during this reporting period from July 1, 2017 – December 31, 2017. Because these projects were not active as of December 31, 2017, they are not included in Project Summaries in the Appendix at the end of this report.

| College/University | Project Name |
|---|---|
| Anoka Technical College | Manufacturing and Automotive technical Lab Renovation |
| Bemidji State University | Memorial/Decker Renovation and Sanford Hall Demolition |
| Minnesota State Community and Technical College | Moorhead Transportation Center Addition, Renovation and Demolition |
| Minnesota West Community and Technical College, Jackson | Powerline Technician Training Facility |
| Metropolitan State University | Student Center |
| Minnesota State University Moorhead | Comstock Memorial Union Addition and Renovation |

# SECTION 2 PROGRAM SUMMARIES

## General Obligation (GO) Bond Fund
## 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. Beginning in 2018, the campus will be responsible for the entire one-third debt service on new projects. Supplemental funding for these major capital projects may come from private donors, federal and state grants, and campus general operating funds.

GO Bond Funds for seven projects totaling $67,325,000 were appropriated May 30, 2017. During this reporting period, project delegations were issued and initial contracts were executed, primarily for design serivces

GO Bond Fund Capital Program Financial Spending Table for 2002-2017 Appropriations

| Year | Appropriation Amount | Number of Projects | Encumbrance Percentage | Spent Percentage | Free Balance 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% | 100% | 0% |
| 2011C | $467,113 | 3 | 100% | 100% | 0% |
| 2012 | $108,793,754 | 22 | 100% | 100% | 0% |
| 2012C | $3,332,246 | 17 | 100% | 100% | 0% |
| 2014 | $116,117,205 | 25 | 100% | 98% | 0% |
| 2014C | $1,194,795 | 7 | 6% | 16% | 78% |
| 2015 | $31,943,000 | 5 | 3.15% | 91% | 5.81% |
| 2017 | $67,325,000 | 7 | 35.5% | 1.13% | 26.68% |

Note: “C” indication after year identifies GO funds 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 Fund
## Capital Project List

The following is a list of 15 General Obligation bond fund capital projects that were active during this reporting period of June 1, 2017 – December 31, 2017. Status of each project as of December 31, 2017 is noted. For projects managed in e-Builder, the project financial status and the construction contract/change order status are illustrated in the pie charts.

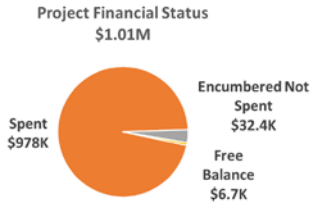
At the end of this report is an Appendix with individual project summaries (two-page pull out sheets) arranged alphabetically by college and university. The two-page, front-to-back project layout allows the sheet to be pulled out for stand-alone project information reference.

**Minnesota State College/University**

| **Campus/Project** | ***Status*** |
|---|---|

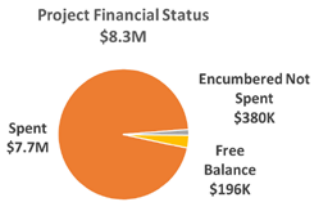
**Bemidji State University**

Academic Learning Center, Campus Renovation and Hagg Sauer — *Design on hold*




**Dakota County Technical College**

Transportation and Emerging Technical Lab Renovation – Phase 2C — *Closeout*





**Minnesota State Community and Technical College**

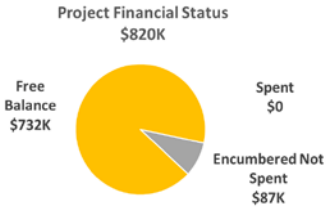
Fergus Falls Center for Student and Workforce Success — *A/E Selection*
*Raising matching funds*

**Minnesota State College/University**

**Campus/Project** ***Status*** .

**Minnesota State Community and Technical College**

Wadena Library and Student Development Renovation — *Schematic Design*



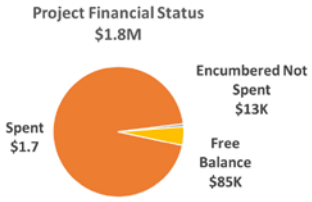

**Minnesota State University, Mankato**

Clinical Science Facility -Phase 1 New Construction — *Completed*

-Phase 2 Renovation — *Design*

**Minnesota West Community Technical College**

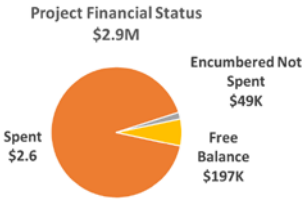
Canby Englund Hall HVAC Upgrades — *Closeout*





**Minnesota West Community Technical College**

Jackson Powerline Technician Training Facility — *Closeout*

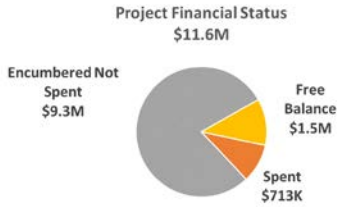



**Minnesota State College/University**

**Campus/Project** ***Status***

**NHED-Hibbing Community College**

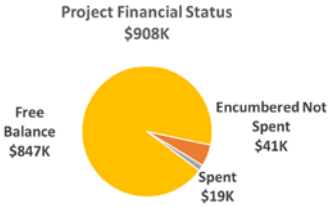
Campus Renovation and Rightsizing *Construction*





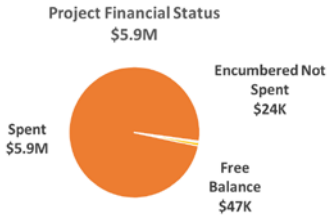
**Northland Community and Technical College**

East Grand Forks Laboratory Renovation *Design*




**Northland Community and Technical College**

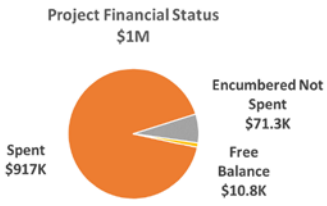
Thief River Falls Aviation Maintenance Facility Addition and Demolition *Closeout*





**Rochester Community and Technical College**

Memorial and Plaza Halls Demolition Design and Renovation *Design on hold*

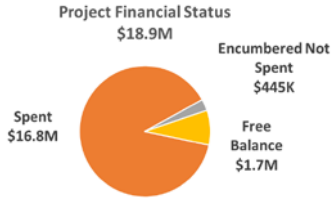


**Minnesota State College/University**

**Campus/Project** ***Status***

**Saint Paul College**

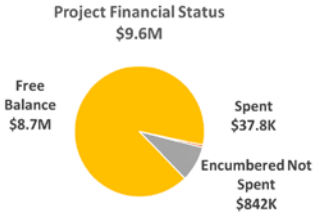
Health and Science Alliance Center Addition — *Closeout*





**South Central College**

STEM and Healthcare Renovation — *Design*




**St. Cloud State University**

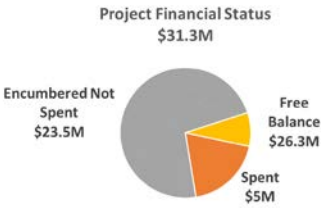
Student Health and Academic Renovation, Eastman Hall — *Bidding/Award*



**Winona State University**

Education Village -Phase I Renovation — *Construction*

-Phase II Renovation and Addition — *Design Development*




## 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.

HEAPR funds were appropriated May 30, 2017. At the end of this reporting period on December 31, 2017, 22 projects were delegated to Presidents.

HEAPR Program Financial Spending Table for 2002-2017 Appropriations

| Year | Appropriation Amount | Number of Projects | Encumbrance Percentage | Spent Percentage | Free Balance 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 | $42,300,278 | 83 | 99% | 99% | 1% |
| 2014C | $1,194,795 | 7 | 6% | 16% | 78% |
| 2017 | $5,756,927 | 22 | 36% | 16% | 39% |

Note: “C” indication after year identifies GO funds 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, and campus general operating funds.

Revenue Fund Financial Spending Table for 2002-2017

| Year | Appropriation Amount | Number of Projects | Encumbrance Percentage | Spent Percentage | Free Balance 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 | $60,483,135 | 7 | 99.0% | 99.0% | 1.0% |
| 2015 | $45,642,106 | 4 | 99.0% | 99.0% | 1.0% |
| 2017 | $9,280,000 | 1 | 75.0% | 3.00% | 25.0% |

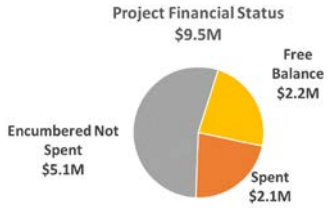
Note: The final percentage of expenditures will always be greater than 100% due to accruing investment interest.

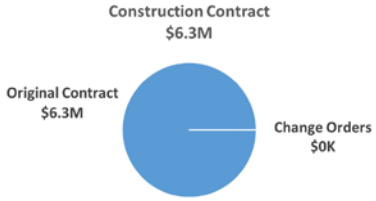
## Revenue Fund Program
## Project List

The following is a list of five Revenue Fund Program Projects that were active during this reporting period of July 1, 2017 – December 31, 2017. The status of each project as of December 31, 2017 is noted. For projects managed in e-Builder, the project financial status and the construction contract/change order status are illustrated in the pie charts.

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**<br>**Campus/Project** | ***Status*** |
|---|---|
| **Metropolitan State University** | |
| St. Paul Parking Ramp | *Closeout* |
| **Minnesota State University, Mankato** | |
| Dining Services Building | *Closeout* |
| **Minnesota State University Moorhead** | |
| Snarr Hall East Renovation | *Construction* |



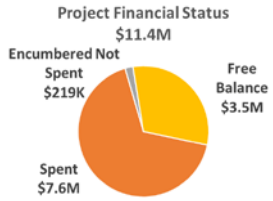



**Minnesota State College/University**

**Campus/Project** ***Status***

**Minnesota State University Moorhead**

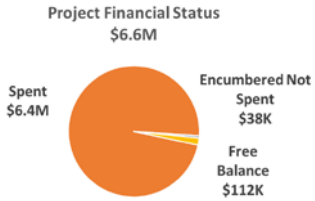
Snarr Hall South Renovation *Closeout*





**NHED-Vermilion Community College**

Student Housing *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. 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.

The first GESP project for the system occurred at Winona State University, which was completed in 2010.

Minnesota Department of Commerce established GESP Master Contract program in response to Governor's Executive Order 11-12. Using this program, the Board approved the second GESP project for the system at Riverland Community College, which was completed in 2016. The Board approved the third GESP project for the system at Minnesota State University, Mankato in 2016 and it is currently in close out. An additional GESP project is under consideration at Hennepin Technical College.

Guaranteed Energy Savings Program Spending Table 2010-2017

| Year | Appropriation Amount | Number of Projects | Encumbrance Percentage | Spent Percentage | Free Balance Percentage |
|---|---|---|---|---|---|
| 2010 | $1,596,380 | 1 | 100% | 100% | 0% |
| 2011 | $0 | 0 | | | |
| 2012 | $0 | 0 | | | |
| 2013 | $0 | 0 | | | |
| 2014 | $0 | 0 | | | |
| 2015 | $1,849,641 | 1 | 100% | 100% | 0% |
| 2016 | $9,941,784 | 1 | 100% | 99% | 0% |
| 2017 | $0 | 0 | | | |

## Guarantee Energy Savings Program
## Project List

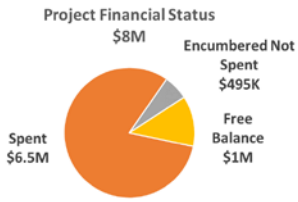
The following is the list of one Guarantee Energy Savings Program Project that was active during this reporting period of July 1, 2017 – December 31, 2017. The status of this project as of December 31, 2017 is noted.

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**

Lighting, building control values, and boiler control systems *Closeout*




## Other Fund Summary

Other funds that supplement capital projects include funds from private donations, federal and state grants, campus general operating funds and Revenue reserve funds.

In the future, campus funded standalone projects will be managed in e-Builder. This will allow us to report on the total number and total project amount of all active projects.

Other Fund Program Financial Spending Table for 2002-2017

| Fiscal Year | Amount | Spent Percentage | Free Balance Percentage |
|---|---|---|---|
| 2002 | $4,197,261 | 100% | 0% |
| 2005 | $200,265 | 100% | 0% |
| 2006 | $8,625,506 | 100% | 0% |
| 2008 | $3,366,341 | 100% | 0% |
| 2010 | $1,476,957 | 100% | 0% |
| 2012 | $4,643,648 | 100% | 0% |
| 2013 | $374,333 | 100% | 0% |
| 2014 | $13,158,200 | 100% | 0% |
| 2015 | $2,969,407 | 78.3% | 14.1% |
| 2016 | $4,272,365 | 56.9% | -0.2% |
| 2017 | $8,0051,02 | 0.0% | 100.0% |

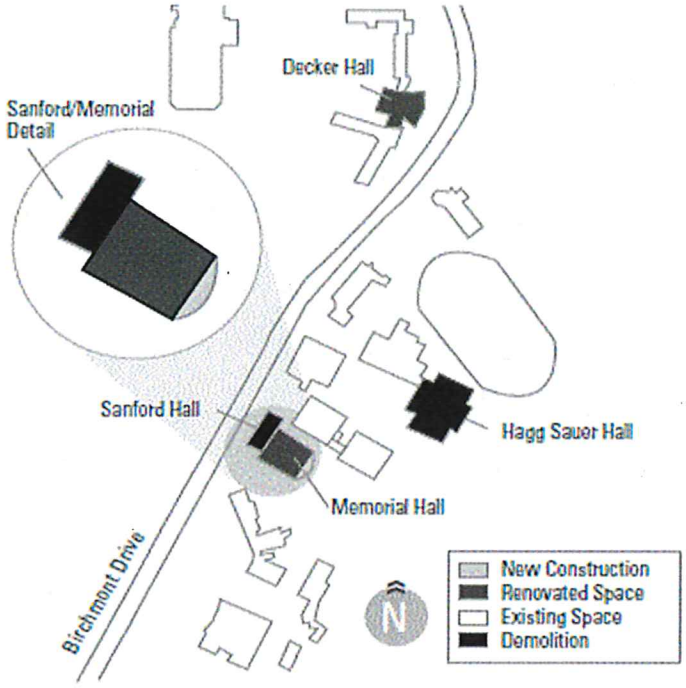
# SECTION 3 PROJECT SUMMARIES

## Appendix

The following 21 individual project summaries (two-page pull out sheets) funded by General Obligation Bond Fund Capital Program, Revenue Fund Program and Guaranteed Energy Savings Program are arranged alphabetically by college and university. Data is current as of December 31, 2017. Project summaries are updated monthly and available at http://minnstate.edu/system/finance/facilities/design-construction/projectstatus/index.html .

# BEMIDJI STATE UNIVERSITY

Academic Learning Center, Campus Renovation and Hagg Sauer Demolition




## CAMPUS PLAN - Bemidji

Campus website: www.bemidjistate.edu

*Hagg Sauer Hall*

## PROJECT DESCRIPTION

This project provides for the demolition and replacement of Hagg-Sauer Hall, an existing 82,500 GSF severely outdated classroom and office space building, with a 75% smaller state-of-the-art classroom and learning center. Additionally, significant renovation of existing space on campus will occur in: Bensen Hall, Sattgast Hall, Bridgeman Hall, Bangsford Hall, and A.C. Clark Library.

## PROJECT STATUS

Design on hold pending funding

## PROJECT CONSTRUCTION COMPLETION DATE

October 2020

## PROJECT FUNDING

| | |
|---|---|
| $ 1,013,000 | 2014 State G.O. Bonds (Design) |
| $ 21,512,000 | Planned 2018 State G.O. Bonds (Design/Demo/Construction) |
| $ 22,525,000 | |

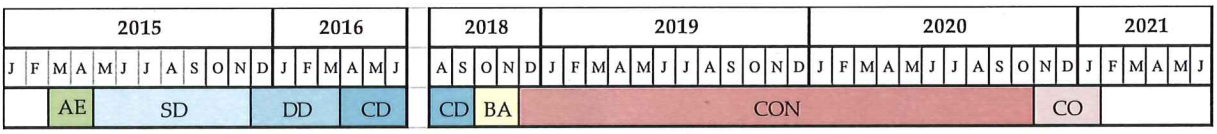
## PROJECT HIGHLIGHTS

| | | |
|---|---|---|
| Area: | Remodel | 72,100 GSF |
| | New | 25,000 GSF |
| | Demolition | 82,500 GSF |
| Estimated Construction Cost: | $ 16,900,000 | |
| Construction Bid Award: | $ TBD | |
| 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 |

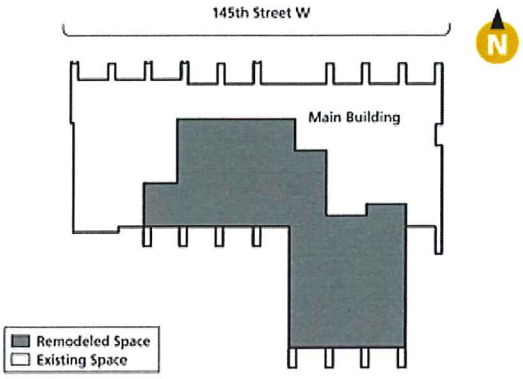
## PROJECT SCHEDULE




| | | | |
|---|---|---|---|
| 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 | | |

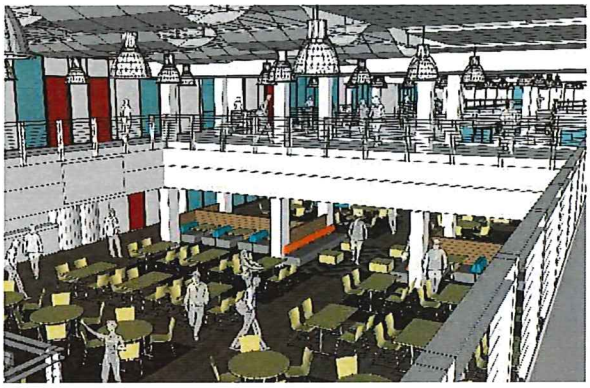
# DAKOTA COUNTY TECHNICAL COLLEGE

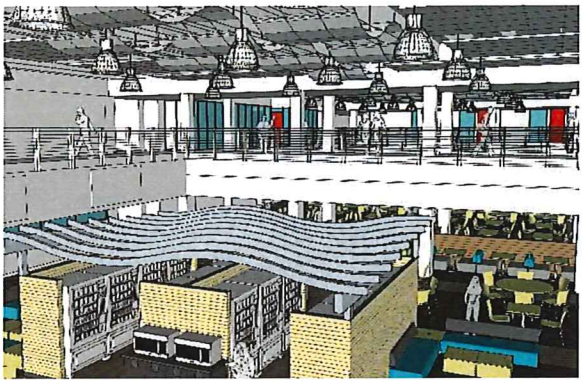
Transportation and Emerging Technical Lab Renovation, Phase 2




**CAMPUS PLAN -** Rosemount

Campus website: www.dctc.edu





## PROJECT DESCRIPTION

The scope of this project includes:

- Renovating the Heavy Duty Truck and related Transportation labs and Heavy Construction program spaces including labs, classrooms, bathrooms and corridors, and
- Renovating the Central Commons area.

Impact for the more than 2,232 students and faculty resulting from this project includes:

- Renovated (or new) Educational spaces for programs such as Mass Transit Technologies, Biomedical Equipment, Nanoscience Technology and Energy Technical Specialists that incorporate new technology, improved lighting and new finishes,
- Improved wayfinding and signage,
- Created new student gathering spaces that provide for collaboration and technology integration, and
- Provided flexible classrooms that are sized appropriately.

## PROJECT STATUS

Phase 2A and 2B: Close out
Phase 2C: Close-out

## PROJECT CONSTRUCTION COMPLETION DATE

Phase 2A and 2B: August 2016
Phase 2C: August 2017

## PROJECT FUNDING

| | |
|---|---|
| $ 300,000 | 2008 State G.O. Bonds (Design) |
| $ 7,733,000 | 2015 State G.O. Bonds (Design & Construction) |
| $ 8,033,000 | |

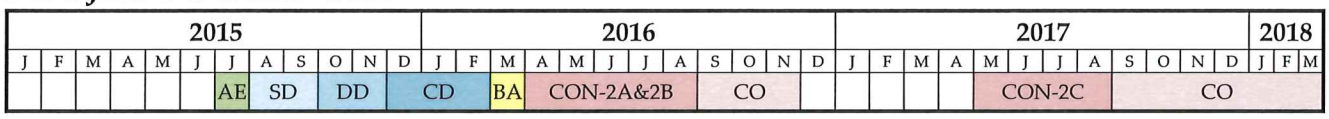
## PROJECT HIGHLIGHTS

| | |
|---|---|
| Area: | Renovate 68,000 GSF |
| | New Addition 2,962 GSF |
| Estimated Construction Cost: | $6,070,000 |
| Construction Bid Award: | $5,966,000 |
| Project Delivery Method: | Design/Bid/Build |

## PROJECT TEAM

| | |
|---|---|
| Campus Project Manager: | Paul DeMuth |
| SO Program Manager: | Justine Pliska |
| Architect/Engineer: | TKDA Architects and Engineers |
| Contractor: | Jorgenson Construction |
| Owner's Representative: | AFO Consultants |

## PROJECT SCHEDULE

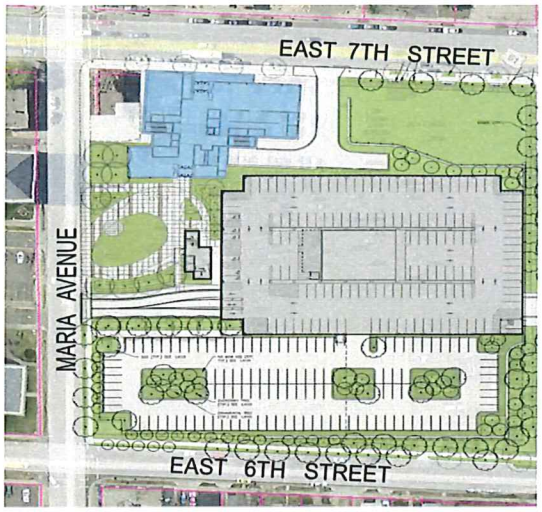



Legend

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

# METROPOLITAN STATE UNIVERSITY

St. Paul Parking Ramp




## CAMPUS PLAN – St. Paul

Campus website: www.metrostate.edu

## PROJECT DESCRIPTION

This project designed and constructed a new 754 stall parking ramp on the Metropolitan State University campus. The ramp was designed to accommodate parking needs for current as well as future growth of the university. The new parking ramp is located mid-block along Bates and be oriented east west with an entrance/exit onto Bates and entrance to and exit from Maria. The Bates edge consists of a four levels of parking, while the Maria side of the ramp is five levels. Accommodations were made to allow for future expansion of the 5th level deck and a phase 2 addition, to create a total of approximately 1,090 parking stalls. As part of this project, a surface parking lot was constructed on the south side of the ramp with an additional 118 parking stalls.

## PROJECT STATUS

Closeout

## PROJECT CONSTRUCTION COMPLETION DATE

July 2015

## PROJECT FUNDING

| | |
|---|---|
| $19,199,000 | 2013 Revenue Bonds (Design/Construction) |
| $ 2,201,000 | Campus Revenue Reserves |
| **$21,300,000** | **Total** |

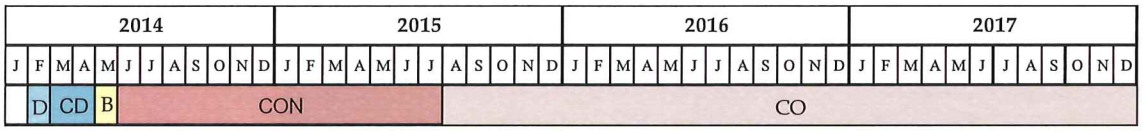
## PROJECT HIGHLIGHTS

| | |
|---|---|
| Area: | New 240,000 GSF |
| Estimated Construction Cost: | $14,937,417 |
| Construction Bid Award: | $14,584,000 |
| Project Delivery Method: | Construction Manager at Risk |

## PROJECT TEAM

| | |
|---|---|
| Campus Project Manager: | Dan Hambrock |
| SO Program Manager: | Jim Morgan |
| Architect/Engineer: | Miller Dunwiddie |
| Construction Manager: | Adolfson & Peterson Construction |
| Owner's Representative: | CPMI |

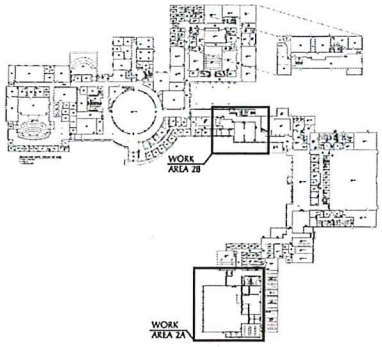
## PROJECT ACTUAL/FORECAST SCHEDULE




| | |
|---|---|
| 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 |

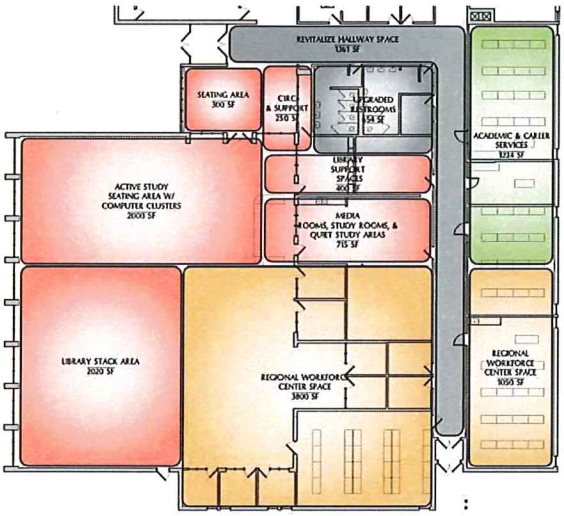
# MINNESOTA STATE COMMUNITY AND TECHNICAL COLLEGE

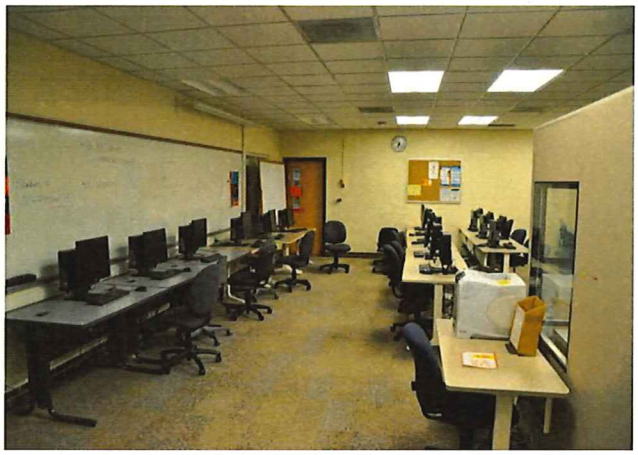
Fergus Falls Center for Student and Workforce Success




## 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

Architectural Engineering Design Consultant Selection
Funding Match

## PROJECT CONSTRUCTION COMPLETION

December 2019

## PROJECT FUNDING

| | |
|---|---|
| $978,000 | 2017 State G.O. Bonds (Design and Construction) |
| $750,000 | Partner Funds (Design and Construction) |
| $1,728,000 | |

## PROJECT HIGHLIGHTS

| | |
|---|---|
| Area: | Renovation 14,362 GSF |
| Estimated Construction Cost: | $ 1,135,000 |
| Construction Bid award: | N/A |
| Project Delivery Method: | Design/Bid/Build |

## PROJECT TEAM

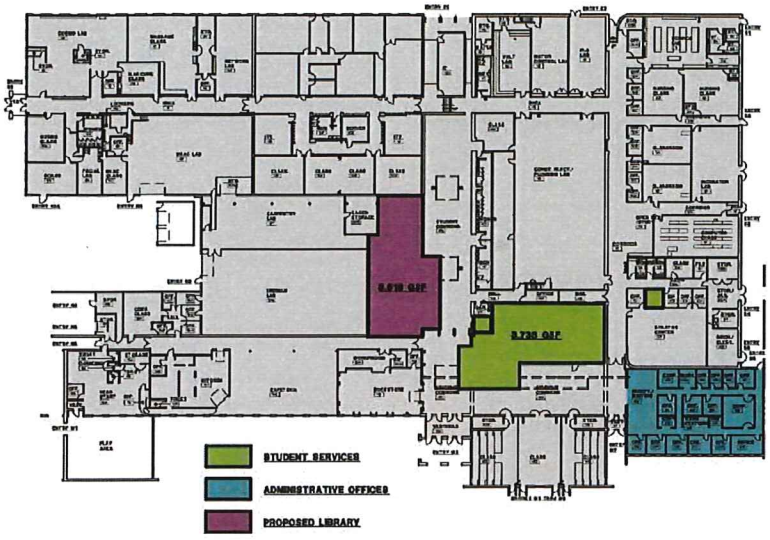
| | |
|---|---|
| Campus Project Manager: | Pat Nordick |
| SO Program Manager: | Terry Olsen |
| Architect/Engineer: | TBD |
| Construction Manager: | TBD |
| Owner's Representative: | TBD |

## PROJECT ACTUAL/FORECAST SCHEDULE


| | |
|---|---|
| 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 |

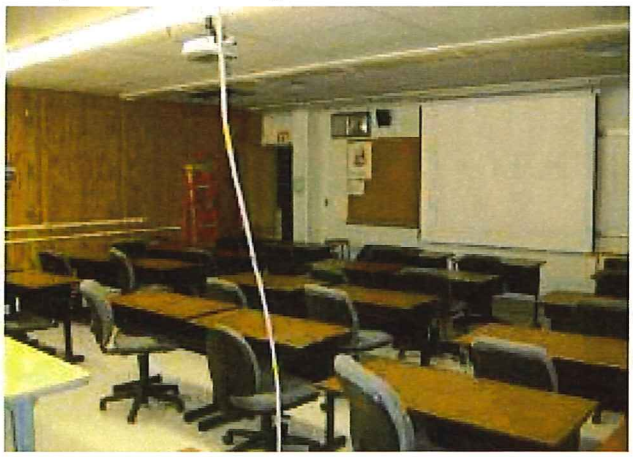
# MINNESOTA STATE COMMUNITY AND TECHNICAL COLLEGE

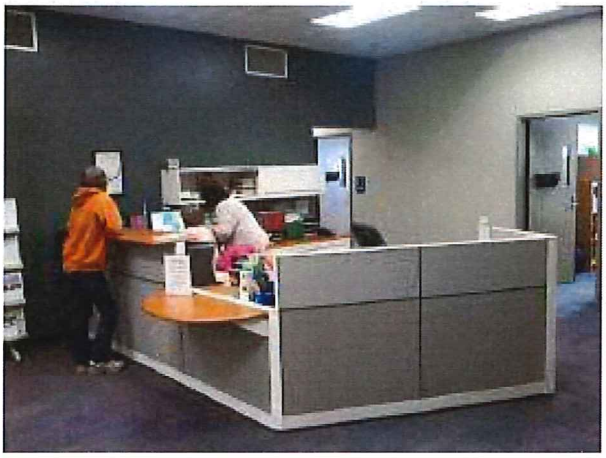
Wadena Library and Student Development Renovation




## 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.

## PROJECT STATUS

Schematic Design

## PROJECT CONSTRUCTION COMPLETION

February 2019

## PROJECT FUNDING

| | |
|---|---|
| $820,000 | 2017 State G.O. Bonds (Design and Construction) |
| $820,000 | |

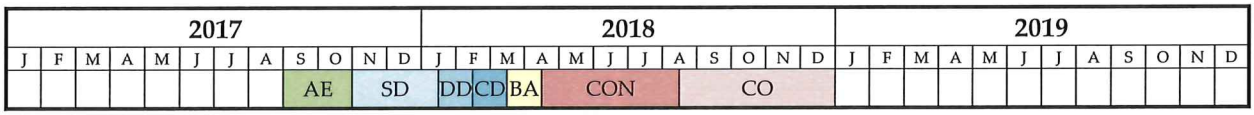
## PROJECT HIGHLIGHTS

| | |
|---|---|
| Area: | Renovation 7,256 GSF |
| Estimated Construction Cost: | $ 535,000 |
| Construction Bid award: | N/A |
| Project Delivery Method: | Design/Bid/Build |

## PROJECT TEAM

| | |
|---|---|
| Campus Project Manager: | Pat Nordick |
| SO Program Manager: | Terry Olsen |
| Architect/Engineer: | YHR Partners |
| Construction Manager: | TBD |
| Owner's Representative: | Hansen Construction Consulting, Inc. |

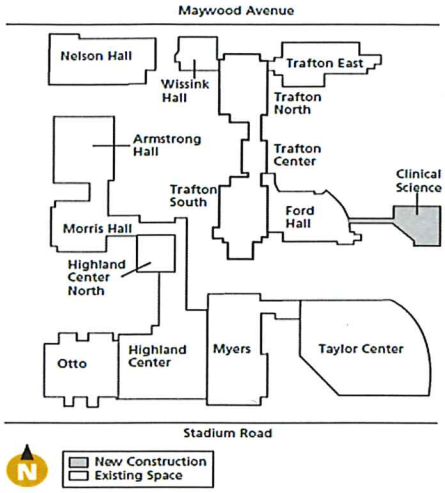
## PROJECT ACTUAL/FORECAST SCHEDULE




| | |
|---|---|
| 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 |

# MINNESOTA STATE UNIVERSITY, MANKATO

Clinical Sciences Facilities – Phase 1 New Construction
Phase 2 Renovations




## CAMPUS PLAN - Mankato

Campus website: www.mnsu.edu

## PROJECT DESCRIPTION

This project designs, constructs, furnishes and equips a new Clinical Science Building to support the programs of the college of Allied Health and Nursing. Phase 1 of the project includes new classroom and laboratory building spaces. The project will consolidate portions of academic programs from five separate buildings across the campus into a new building to improve working and learning relationships among multiple related departments in the University. The Phase 1 new building will provide faculty and administrative offices, teaching laboratories, clinics, classrooms, student/faculty interaction spaces, and some new space types not currently available.

Phase 2 of the project includes remodeling of vacated and occupied spaces after construction of the new facility. During Phase 2, existing spaces vacated in various campus buildings will be renovated into laboratory, office and classroom spaces to alleviate overall campus shortfall of these space types. The project plan will complete the design of both the new facility and the remodeled areas with funds appropriated from the 2012 legislative session. Phase 1 new building construction was funded from a 2014 legislative appropriation. Phase 2 renovations are pending due to future legislative funding.

## PROJECT STATUS

Phase 1 – Close out
Phase 2 – On Hold

## PROJECT CONSTRUCTION COMPLETION DATE

Phase 1 - December 2016
Phase 2 – December 2019

## PROJECT FUNDING

| | |
|---|---|
| $ 2,065,000 | 2012 State G.O. Bonds (Design – Phase One) |
| $25,818,000 | 2014 State G. O. Bonds (Construction of Phase One – Design Phase 2) |
| $ 1,000,000 | University Funds (Basement Construction) |
| $ 7,442,000 | Planned 2018 State G.O. Bonds (Construction Phase 2) |
| $36,325,000 | Total |

## PROJECT HIGHLIGHTS

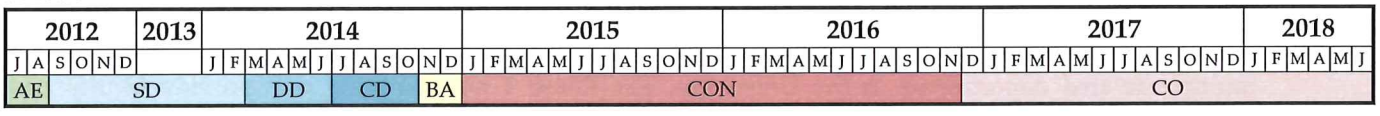
| | |
|---|---|
| Areas: | Phase 1 - 79,022 GSF with full basement shell space |
| | Phase 2 – 20,621 GSF in three buildings |
| Estimated Construction Cost: | Phase 1 - $23,493,820 |
| | Phase 2 – $ 4,278,000 |
| Construction Bid Award: | Phase 1 - $22,747,000 |
| | Phase 2 - TBD |
| Project Delivery Method: | Phase 1 - Design/Bid/Build |
| | Phase 2 - Design/Bid/Build |

## PROJECT TEAM

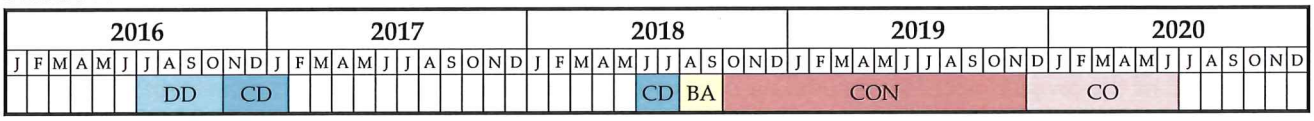
| | |
|---|---|
| Campus Project Manager: | Paul Corcoran |
| SO Program Manager: | Justine Pliska |
| Architect/Engineer: | Perkins and Will |
| Contractor (Phase 1) | Shaw-Lundquist Associates, Inc. |
| Contractor (Phase 2) | TBD |
| Owner's Representative: | NA |

## PROJECT SCHEDULES

Phase 1



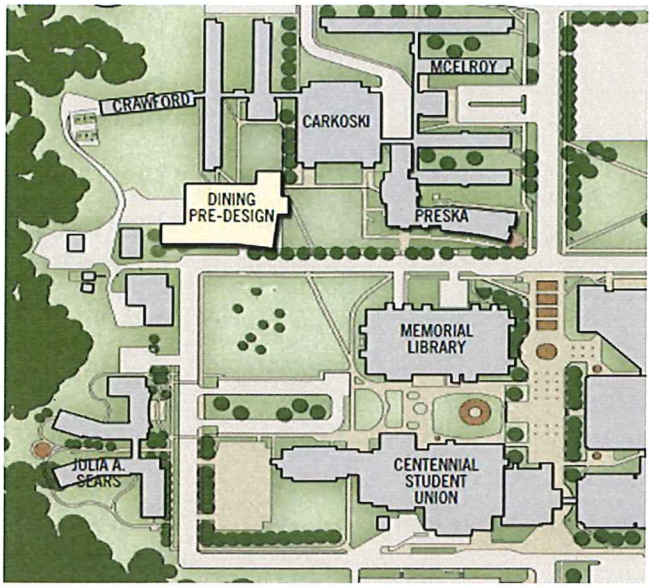

Phase 2




| | | | |
|---|---|---|---|
| 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, 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

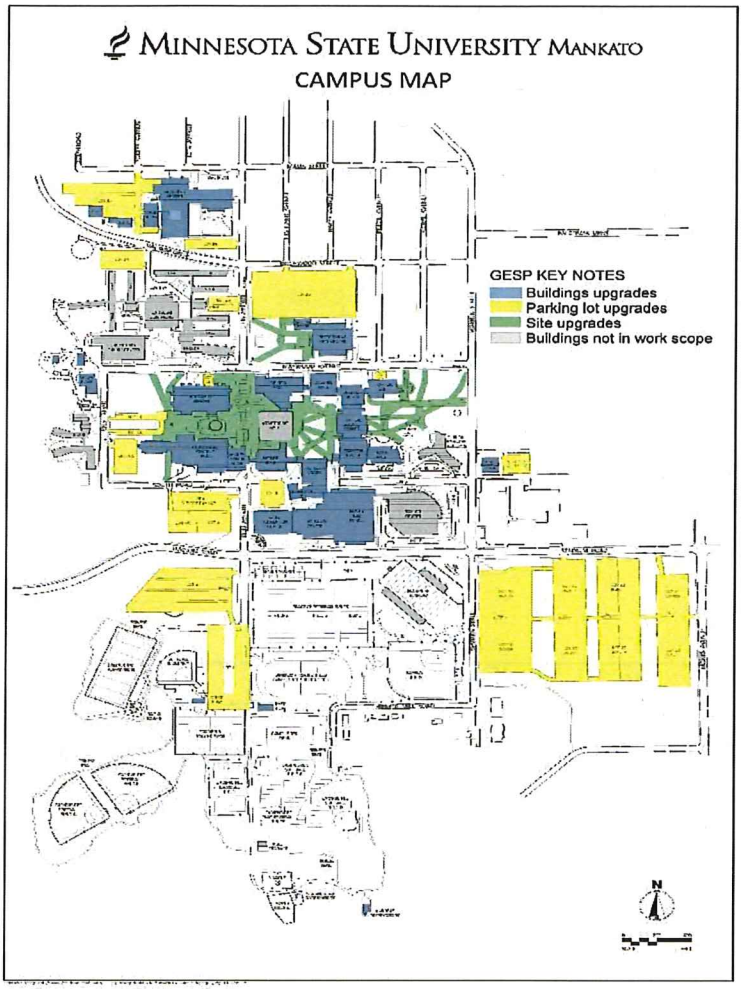

| | | | |
|---|---|---|---|
| AE | Architectural/Engineering Design Consultant Selection | BA | Bidding and Award |
| SD | Schematic Design Phase | CON | Construction |
| DD | Design Development Phase | CO | Project Close out |
| CD | Construction Document Phase | | |

# MINNESOTA STATE UNIVERSITY, MANKATO

Guaranteed Energy Savings Program

## CAMPUS PLAN - Mankato

Campus website: www.mnsu.edu




## PROJECT DESCRIPTION

The state of Minnesota established the Guaranteed Energy Savings Program as a performance-based procurement and financing mechanism to accomplish facility energy-use related improvements in several campus buildings and site areas. Energy use and operational savings are achieved through retrofit installations of higher efficiency and renewable energy equipment and systems. Projected utility cost savings are used to finance and construct the improvements initially. An Energy Savings Performance Contract leverages the energy and operational savings to finance the retrofits at no net cost to the facility. At this University the major improvements will be retrofits of highly efficient LED light fixtures and some improvements to boiler and chiller equipment, heating/cooling valves and building control systems.

## PROJECT STATUS

Closeout

## PROJECT CONSTRUCTION COMPLETION DATE

November 2017

## PROJECT FUNDING

| | |
|---|---|
| $ 8,092,143 | Funding approved through projected energy savings |
| $ 8,092,143 | Total |

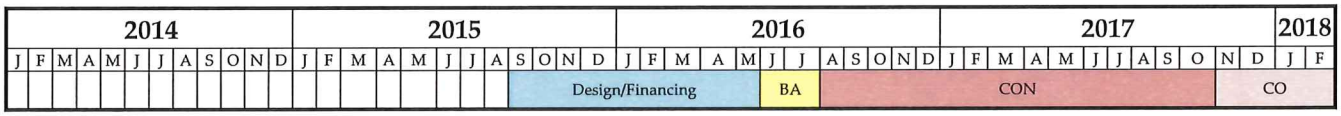
## PROJECT HIGHLIGHTS

| | |
|---|---|
| Area: | 1,938,000 GSF |
| Estimated Construction Cost: | $8,092,143 |
| Construction Bid Award: | $8,092,143 |
| Project Delivery Method: | Guaranteed Energy Savings Program |

## PROJECT TEAM

| | |
|---|---|
| Campus Project Manager: | Paul Corcoran |
| SO Program Manager: | Justine Pliska |
| Energy Services Company: | Ameresco |

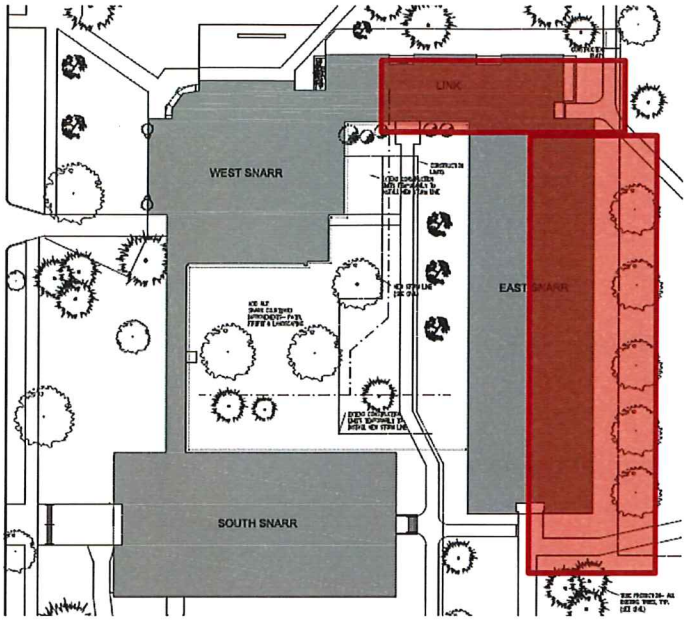
## PROJECT SCHEDULE




| | |
|---|---|
| AE | Architectural/Engineering Design Consultant Selection |
| Design | Schematic Design- Construction Document Phase |
| BA | Bidding and Award |
| CON | Construction |
| CO | Project Close out |

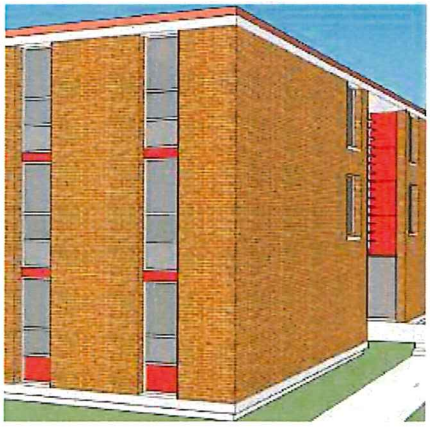
# MINNESOTA STATE UNIVERSITY MOORHEAD

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

Construction

## PROJECT CONSTRUCTION COMPLETION DATE

June 2018

## PROJECT FUNDING

| | |
|---|---|
| $9,300,000 | 2017 Revenue Bonds |
| **$9,300,000** | **Total** |

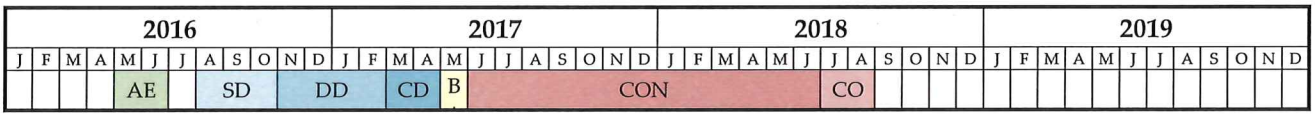
## PROJECT HIGHLIGHTS

| | |
|---|---|
| Area: | Remodel 38,941 GSF |
| Estimated Construction Cost: | $6.600,000 |
| Construction Bid Award: | GMP |
| 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 |

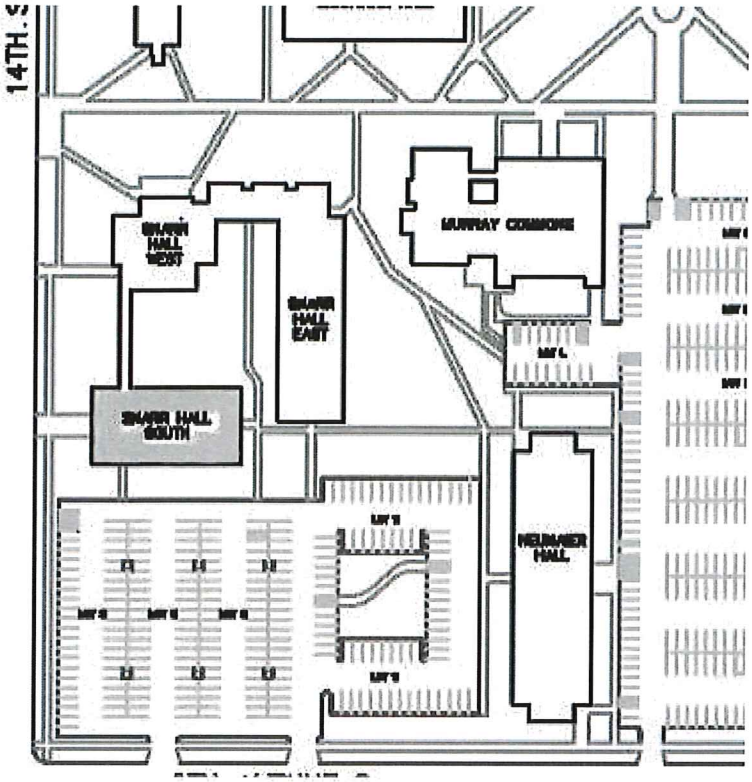
## PROJECT SCHEDULE




| | |
|---|---|
| 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 |

# MINNESOTA STATE UNIVERSITY MOORHEAD

Snarr Hall South Renovation




## CAMPUS PLAN - Moorhead

Campus website: www.mnstate.edu

## PROJECT DESCRIPTION

The scope of this project includes:

- Enhancing the student experience, as the middle project of a 3-part Snarr complex renovation,
- Designing, renovating, furnishing and equipping South Snarr residence hall, and
- Introducing new common areas and substantially improving student and staff rooms, including upgrading finishes, lighting, fire alarm and HVAC systems.

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

- Housing 192 beds and bathroom facilities and updating student amenities.

## PROJECT STATUS

Project closeout

## PROJECT CONSTRUCTION COMPLETION DATE

July 2017

## PROJECT FUNDING

| | |
|---|---|
| $8,780,000 | Residential Life Reserves |
| **$8,780,000** | **Total** |

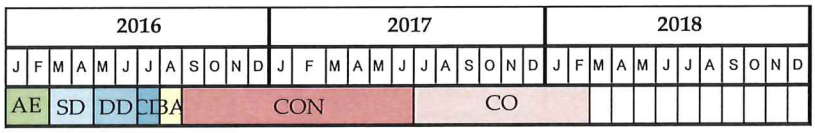
## PROJECT HIGHLIGHTS

| | |
|---|---|
| Area: | Remodel 39,883 GSF |
| Estimated Construction Cost: | $6,294,406 |
| Construction Bid Award: | GMP |
| 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




| | |
|---|---|
| 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 |

# MINNESOTA WEST COMMUNITY AND TECHNICAL COLLEGE

Canby Campus Englund Hall HVAC Upgrades

## CAMPUS

Campus website: **www.mnwest.edu**

## PROJECT DESCRIPTION

This project provides for the design and construction of a geothermal HVAC system for Englund Hall at the Canby Campus. The project will remove existing obsolete HVAC systems and install new water-to-air replacement heating and cooling systems. The project addresses deferred maintenance at the Canby Campus due to the replacement of these obsolete mechanical systems. Funds were appropriated for the design and construction work by the 2015 special legislative session.

## PROJECT STATUS

Close-out

## PROJECT CONSTRUCTION COMPLETION DATE

August 2017

## PROJECT FUNDING

| | |
|---|---|
| $ 857,000 | 2015 State G.O. Bonds |
| $1,000,000 | 2014 HEAPR Funds |
| $1,857,000 | Total |

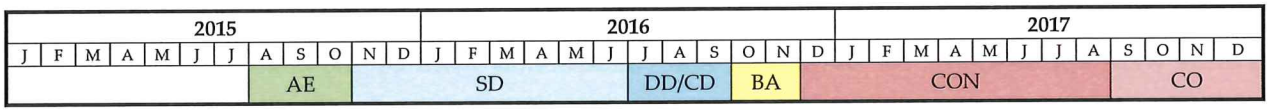
## PROJECT HIGHLIGHTS

| | |
|---|---|
| Area: | Not Applicable |
| Estimated Construction Cost: | $1,575,250 |
| Construction Bid Award: | $1,356,000 |
| Project Delivery Method: | Design/Bid/Build |

## PROJECT TEAM

| | |
|---|---|
| Campus Project Manager: | Lori Voss |
| SO Program Manager: | Jim Morgan |
| Architect/Engineer: | Burns & McDonnell |
| Contractor: | Bisbee Plumbing & Heating |
| Owner's Representative: | CPMI |

## PROJECT SCHEDULE




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

# MINNESOTA WEST COMMUNITY AND TECHNICAL COLLEGE

Jackson Powerline Technician Training Facility

## CAMPUS

Campus website: **www.mnwest.edu**

## PROJECT DESCRIPTION

This project provides for the demolition of the existing obsolete Building B wing on the Jackson Main campus and the subsequent design and construction of a new Powerline Technician Training Facility on the same location. The new training facility will house indoor training spaces to teach and train students in power pole installation and removal, pole climbing techniques, installation and removal of pole hardware, safe operation of auger/derrick and bucket trucks, and other maintenance techniques used by powerline workers. This indoor training facility, the first collegiate one of its kind in Minnesota, will replace the current outdoor training facility, located off campus. The project also addresses deferred maintenance at the Jackson Main Campus from the demolished Building B wing and removes under-utilized spaces.

## PROJECT STATUS

Closeout

## PROJECT CONSTRUCTION COMPLETION DATE

June 2017

## PROJECT FUNDING

| | |
|---|---|
| $ 2,410,000 | 2015 State G.O. Bonds |
| $ 145,000 | 2014 HEAPR Funds |
| $ 2,555,000 | Total |

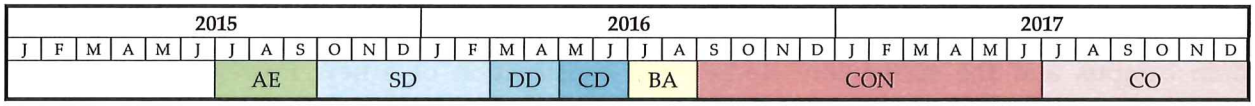
## PROJECT HIGHLIGHTS

| | | |
|---|---|---|
| Area: | Demolition | 18,500 GSF |
| | New | 7,666 GSF |
| | Remodel | 2,143 GSF |
| Estimated Construction Cost: | $1,640,000 | |
| Construction Bid Award: | $2,037,000 | |
| Project Delivery Method: | Design/Bid/Build | |

## PROJECT TEAM

| | |
|---|---|
| Campus Project Manager: | Lori Voss |
| SO Program Manager: | Jim Morgan |
| Architect/Engineer: | Hay Dobbs |
| Contractor: | Salonek Concrete and Construction |
| Owner's Representative: | CMPI |

## PROJECT SCHEDULE




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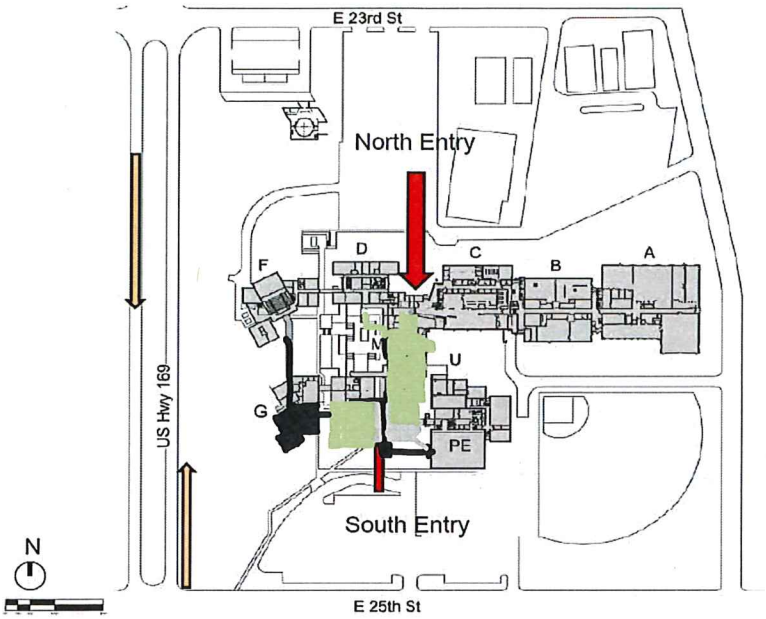
| BA | Bidding and Award |
| CON | Construction |
| CO | Project Close out |

# NHED - HIBBING COMMUNITY COLLEGE

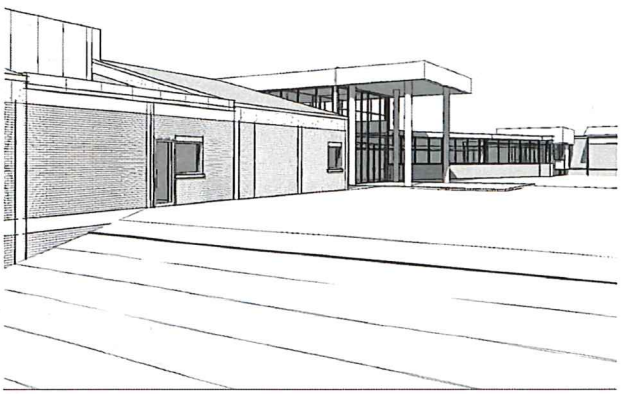
Campus Renovation and Rightsizing




## CAMPUS PLAN – Hibbing, MN

Campus website: **www.hibbing.edu**


Demolition



South Entry Addition

## 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

Bid/Award

## PROJECT CONSTRUCTION COMPLETION DATE

December 2018

## PROJECT FUNDING

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

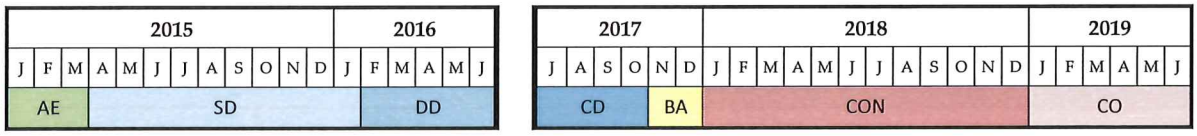
## PROJECT HIGHLIGHTS

| | | |
|---|---|---|
| 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







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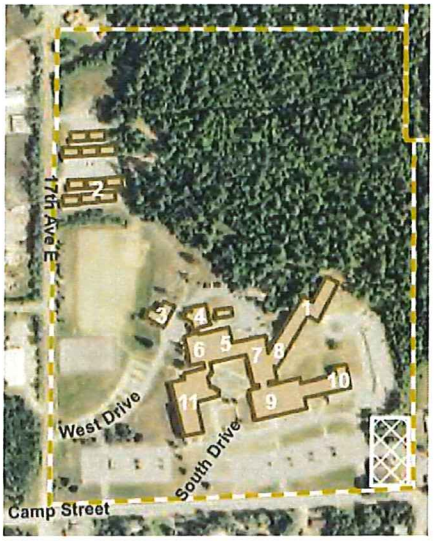
| CD | Construction Document Phase |
| BA | Bidding and Award |
| CON | Construction |
| CO | Project Close out |

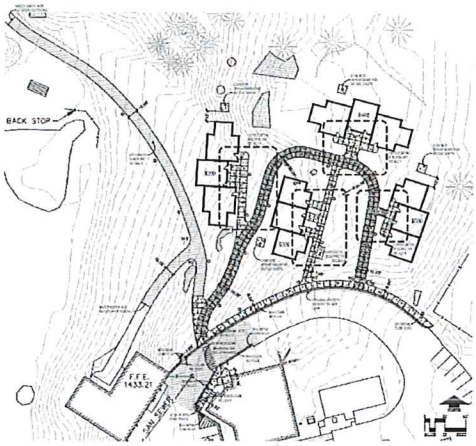
# NHED - VERMILION COMMUNITY COLLEGE

Student Housing




**Institution Buildings**

1 - Residence Hall
2 - Modular Units
3 - Boiler Plant/Maintenance
4 - Natural Sciences
5 - Learning Resource Center
6 - Administrative Offices
7 - Food Service
8 - Connecting Link
9 - General Classrooms
10 - Performing Arts
11 - Physical Education




## CAMPUS PLAN – Ely, MN

Campus website: **www.vcc.edu**

## PROJECT DESCRIPTION

This project is to design and construct student housing to replace 11 existing modular housing units that have exceeded their useful lifecycle. The new Student Housing will consist of 12 townhouses, and each townhouse will have the capacity for 10 students. Three townhouses are combined to form a building and there are four buildings that make up the total complex, with a total bed count of 120.

The entire project is structural wood framing placed on a cast in place concrete foundation wall and the first floor is slab on grade. A typical townhouse will have a kitchen/dining area, living room, four double occupancy bedrooms, two bathrooms (with the exception of ADA units which will have an additional bathroom off the bedroom), coat closest and a storage room. A mechanical room for each townhouse will be accessible from the exterior only.

## PROJECT STATUS

Closeout

## PROJECT CONSTRUCTION COMPLETION DATE

July 2017

## PROJECT FUNDING

| | |
|---|---|
| $4,500,000 | 2015 Revenue Bonds (Design & Construction) |
| $1,100,000 | MFHA Grant - GO BOND (Design & Construction) |
| $ 500,000 | 2015 Campus Funds (Design & Construction) |
| $ 350,000 | IRRRB Grant (Design & Construction) |
| $6,450,000 | Total |

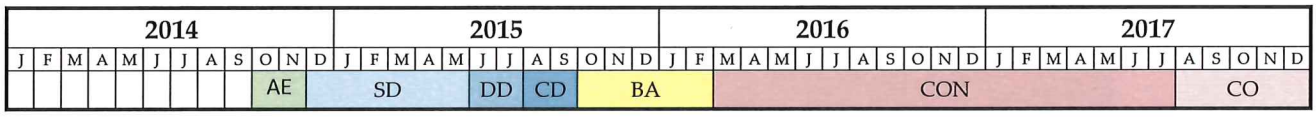
## PROJECT HIGHLIGHTS

| | |
|---|---|
| Area: | Remodel 25,760 GSF |
| Estimated Construction Cost: | $5,462,167 |
| Construction Bid Award: | $5,546,600 |
| Project Delivery Method: | Design/Bid/Build |

## PROJECT TEAM

| | |
|---|---|
| Campus Project Manager: | Dave Marshall |
| SO Program Manager: | Jim Morgan |
| Architect/Engineer: | Rafferty Rafferty Tollefson Lindeke Architects |
| Contractor: | Kraus-Anderson Construction |
| Owner's Representative: | NA |

## PROJECT SCHEDULE




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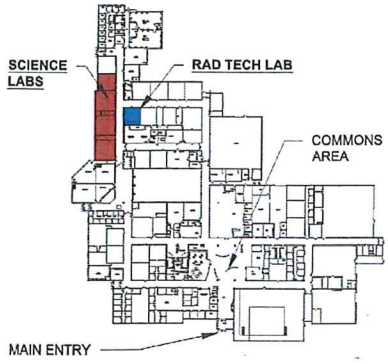
| BA | Bidding and Award |
| CON | Construction |
| CO | Project Close out |

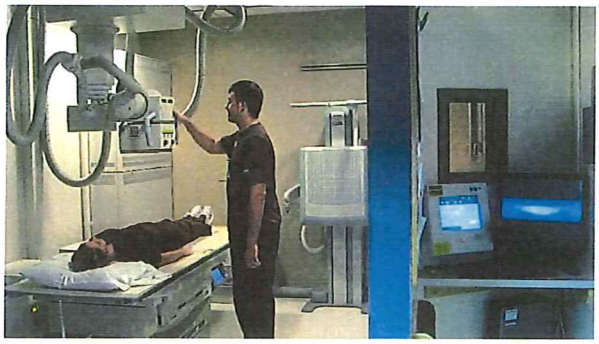
# NORTHLAND COMMUNITY AND TECHNICAL COLLEGE

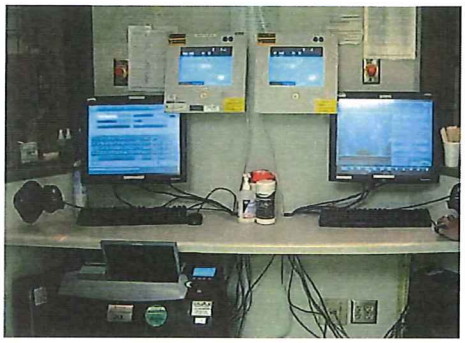
East Grand Forks Laboratory Renovation




## 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.

## PROJECT STATUS

Design

## PROJECT CONSTRUCTION COMPLETION

October 2018

## PROJECT FUNDING

| | |
|---|---|
| $826,000 | 2017 State G.O. Bonds (Design and Construction) |
| $826,000 | |

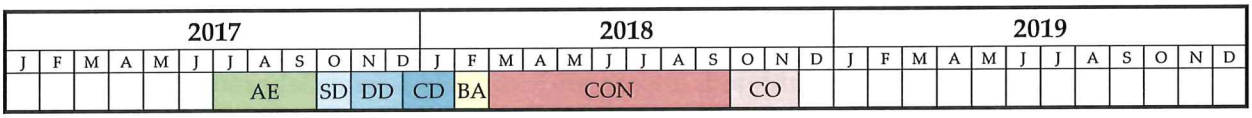
## PROJECT HIGHLIGHTS

| | |
|---|---|
| Area: | Renovation 5,204 GSF |
| Estimated Construction Cost: | $ 668,000 |
| Construction Bid award: | N/A |
| Project Delivery Method: | Design/Bid/Build |

## PROJECT TEAM

| | |
|---|---|
| Campus Project Manager: | Bob Gooden |
| OOC Program Manager: | Terry Olsen |
| Architect/Engineer: | Foss Architecture & Interiors |
| Construction Manager: | TBD |
| Owner's Representative: | none |

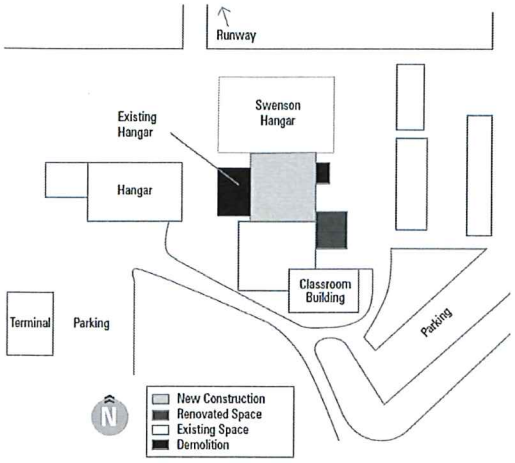
## PROJECT ACTUAL/FORECAST SCHEDULE




| | |
|---|---|
| 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 |

# 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 Hanger, 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.

## PROJECT STATUS

Close Out

## PROJECT CONSTRUCTION COMPLETION DATE

June 2016

## PROJECT FUNDING

| | |
|---|---|
| $ 300,000 | 2012 State G.O. Bonds (Design) |
| $5,864,000 | 2014 State G.O. Bonds (Construction) |
| $6,164,000 | |

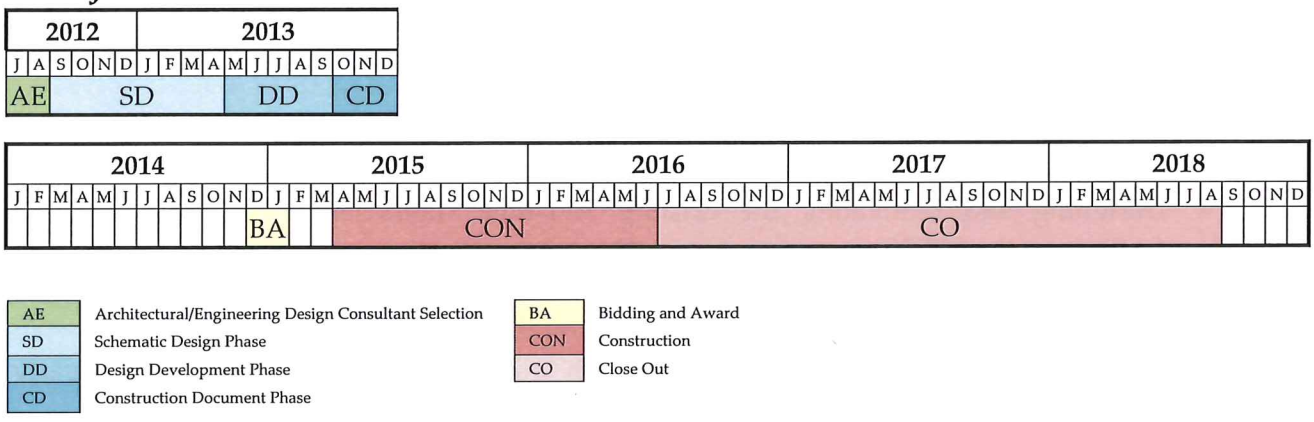
## PROJECT HIGHLIGHTS

| | | |
|---|---|---|
| Area: | Remodel | 5,500 GSF |
| | New | 20,400 GSF |
| Estimated Construction Cost: | $4,710,000 | |
| Construction Bid Award: | $4,690,000 | |
| Project Delivery Method: | Design/Bid/Build | |

## PROJECT TEAM

| | |
|---|---|
| Campus Project Manager: | Clinton Castle |
| SO Program Manager: | Terry Olsen |
| Architect/Engineer: | Foss Architects |
| Contractor: | Terra Construction |
| Owner's Representative: | Widseth Smith & Nolting |

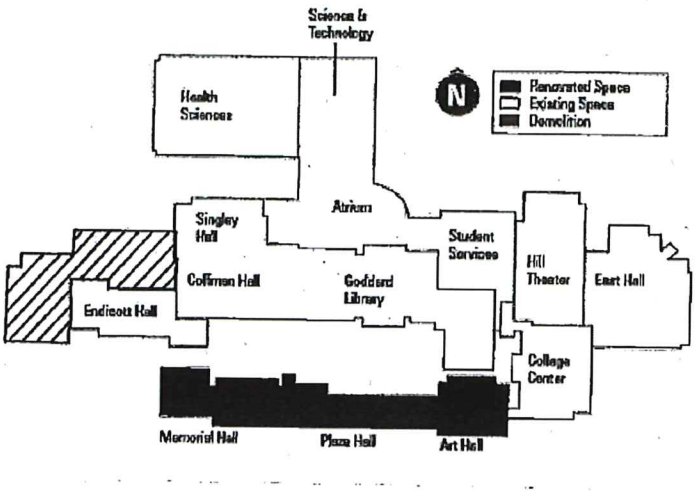
## PROJECT SCHEDULE




| | |
|---|---|
| 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 | Close Out |

# 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 demolition of the existing Memorial and Plaza Halls and related facilities. These halls house a large number of faculty offices, Anatomy and Physiology labs with lab preparation spaces, flexible classrooms, and support spaces in the two badly deteriorated halls. The project also includes the design for renovated and replacement spaces to relocate building occupants to improved facilities. The project also includes major campus infrastructure improvements to replace an obsolete grounds building, fuel storage and a new central chiller plant for the east campus. Funds were appropriated for the design work by the 2014 legislative session. The system expects to request additional funding in 2018 to complete the demolition, renovation, and construction of new spaces for replacement of offices, medical program labs, and classrooms.

## PROJECT STATUS

Design on hold pending funding

## PROJECT CONSTRUCTION COMPLETION DATE

July, 2020

## PROJECT FUNDING

| | |
|---|---|
| $ 1,000,000 | 2014 State G.O. Bonds (Design) |
| $21,713,000 | Planned 2018 Capital Budget Request (Construction) |
| $22,713,000 | Total |

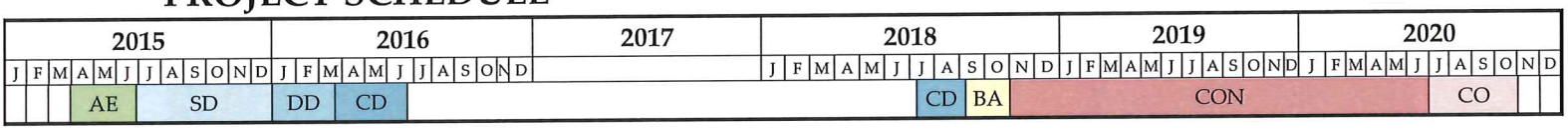
## PROJECT HIGHLIGHTS

| | | |
|---|---|---|
| Area: | New | 20,000 GSF |
| | Remodel | 11,000 GSF |
| | Demolition | 38,000 GSF |
| Estimated Construction Cost: | $14,462,000 | |
| Construction Bid Award: | TBD | |
| Project Delivery Method: | Design/Bid/Build | |

## PROJECT TEAM

| | |
|---|---|
| Campus Project Manager: | Shayn Jensson |
| SO Program Manager: | Justine Pliska |
| Architect/Engineer: | Bentz, Thompson, Rietow, Inc. |
| Contractor: | TBD |
| Owner's Representative: | Pegasus Group |

## PROJECT SCHEDULE




| | |
|---|---|
| AE | Architectural/Engineering Design Consultant Selection |
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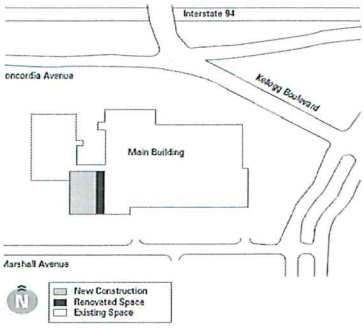
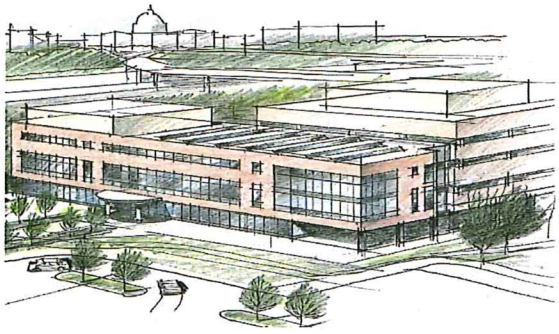
| CON | Construction |
| CO | Project Close out |

# SAINT PAUL COLLEGE

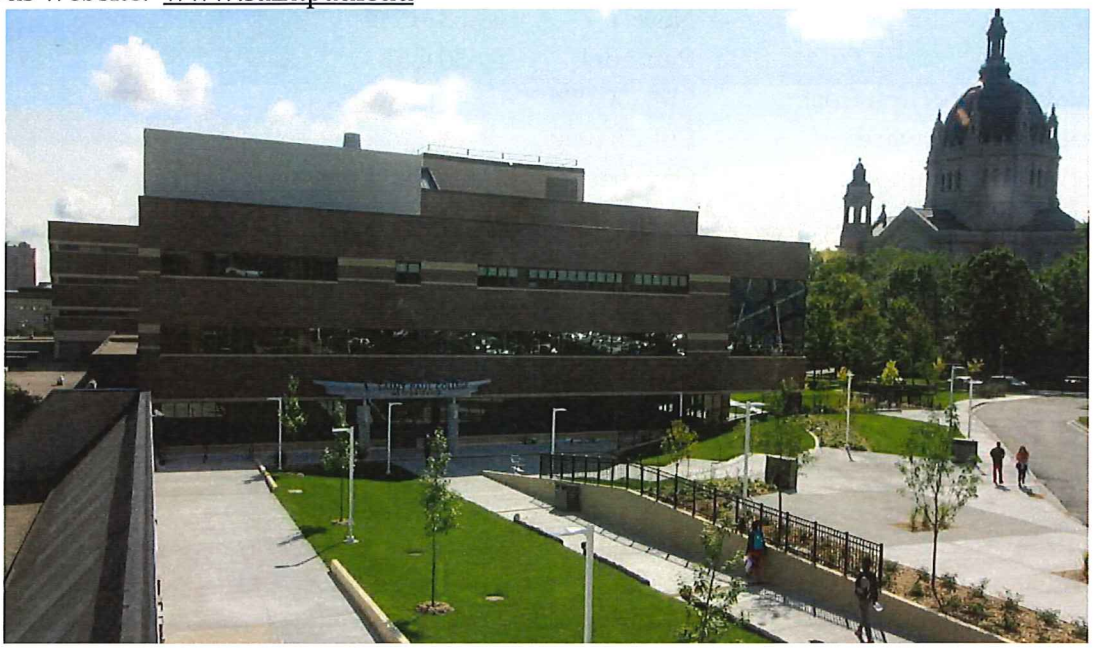
## Health and Science Alliance Center Addition



## CAMPUS PLAN – St. Paul

Campus website: www.saintpauledu



## 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) |
| $ 20,329,000 | Total |

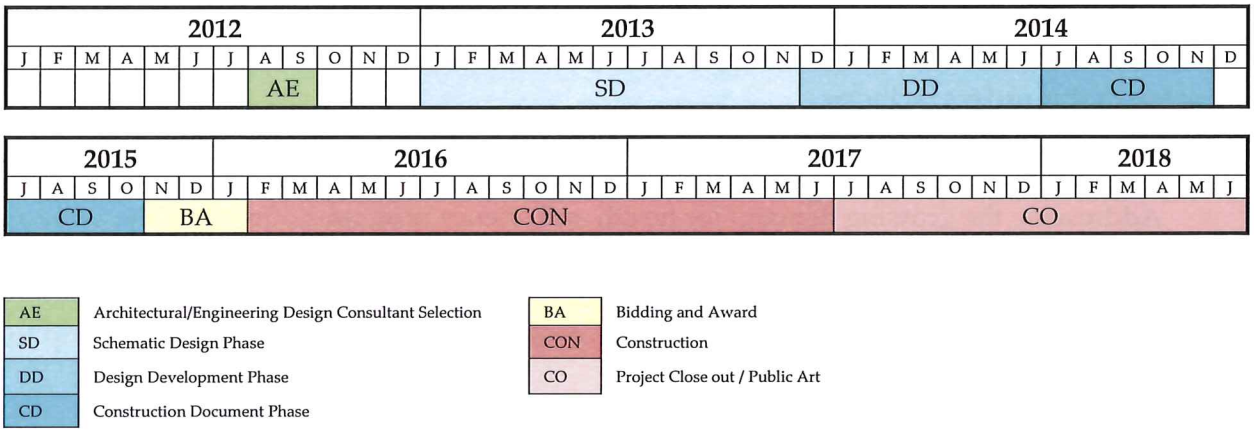
## PROJECT HIGHLIGHTS

| | | |
|---|---|---|
| Area: | New | 39,037 GSF |
| | Remodel | 5,630 GSF |
| Estimated Construction Cost: | $14,250,000 | |
| Construction Bid Award: | $14,250,000 | |
| Project Delivery Method: | Construction Management 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




| | |
|---|---|
| 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 / Public Art |

# SOUTH CENTRAL COLLEGE

STEM and Healthcare Renovation

EXISTING SITE PLAN


**CAMPUS PLAN –** North Mankato

Campus website: **www.southcentral.edu**

## 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 34,000 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 facility 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

Schematic Design

## PROJECT CONSTRUCTION COMPLETION DATE

May 2020

## PROJECT FUNDING

$ 9,600,000 2017 State G.O. Bonds

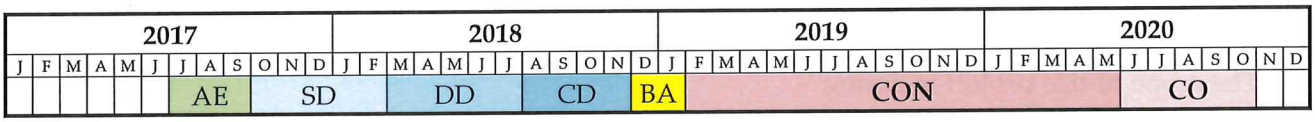
## PROJECT HIGHLIGHTS

| | | |
|---|---|---|
| Area: | Renovation | 34,000 GSF |
| | Demolition | 11,350 GSF |
| Estimated Construction Cost: | $7,150,000 | |
| Construction Bid Award: | TBD | |
| 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 |

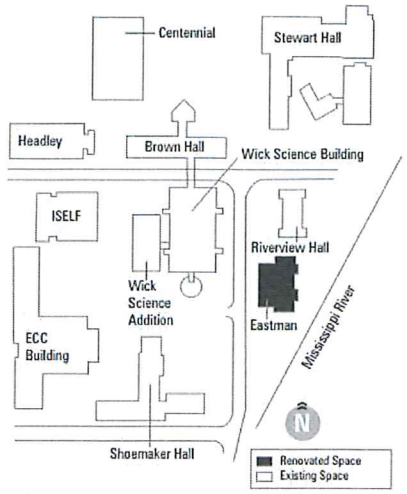
## PROJECT SCHEDULE




| | |
|---|---|
| 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 |

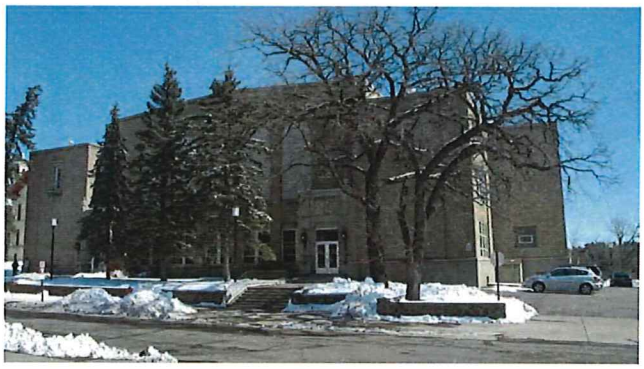
# ST. CLOUD STATE UNIVERSITY

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.

## PROJECT STATUS

Bidding and Award

## PROJECT CONSTRUCTION COMPLETION

May, 2019

## PROJECT FUNDING

| | |
|---|---|
| $ 865,000 | 2014 State G.O. Bonds (Design) |
| $18,572,000 | 2017 State G.O. Bonds (Design & Construction) |
| $19,437,000 | |

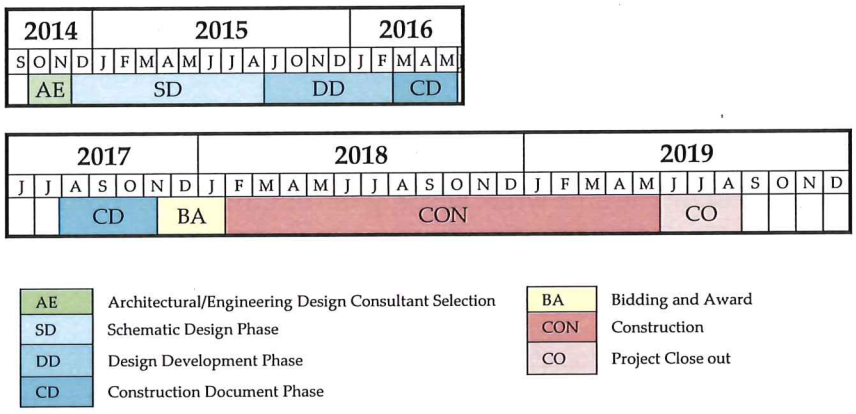
## PROJECT HIGHLIGHTS

| | | |
|---|---|---|
| Area: | Renovation | 43,291 GSF |
| | New | 15,562 GSF |
| Estimated Construction Cost: | $ 15,013,000 | |
| Construction Bid Award: | $ 15,013,000 | |
| Project Delivery Method: | Construction Manager at Risk | |

## PROJECT TEAM

| | |
|---|---|
| Campus Project Manager: | Phil Moessner |
| SO Program Manager: | Terry Olsen |
| Architect/Engineer: | RSP Architects |
| Construction Manager: | Terra General Contractors |
| Owner's Representative: | Pegasus Group |

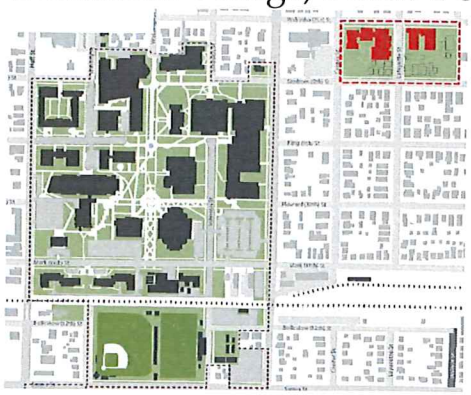
## PROJECT SCHEDULE




| | | | |
|---|---|---|---|
| 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 | | |

# 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 Documents

## 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) |
| $31,208,000 | Total |

## PROJECT HIGHLIGHTS

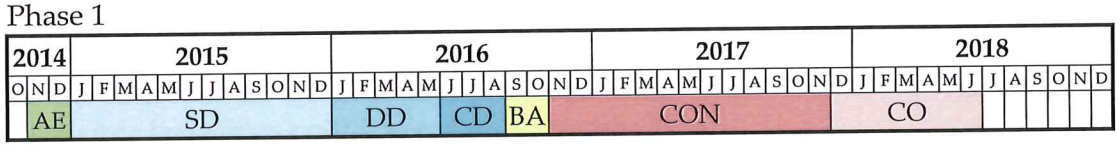
| | |
|---|---|
| Areas: | Phase 1 – Exterior envelope only<br>Phase 2 – New 6,450 GSF, renovate 82,696 GSF, demolish 28,600 GSF |
| Estimated Construction Cost: | Phase 1 – $ 3,191,464<br>Phase 2 – $21,994,052 |
| Construction Bid Award: | GMP |
| Project Delivery Method: | Construction Manager at Risk |

## PROJECT TEAM

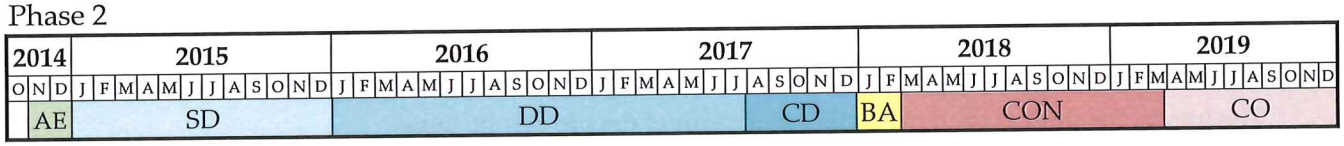
| | |
|---|---|
| Campus Project Manager: | Lisa Pearson |
| SO Program Manager: | Karen Huiett |
| Architect/Engineer: | Leo A. Daly Architects |
| Construction Manager at Risk: | Kraus-Anderson Construction Company |
| Owner's Representative: | CPMI |

## PROJECT SCHEDULE

Phase 1




Phase 2

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