



July 25, 2017

Facilities

Capital Improvement Program Report

January 1, 2017 – June 30, 2017

Minnesota State



MINNESOTA STATE

Finance Division

DATE: July 25, 2017

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 January 1, 2017 through June 30, 2017. It is also available online at <http://www.finance.mnscu.edu/facilities/design-construction/cip/index.html>.

Please let me know if you have any questions.

Email Copy to: Board of Trustees
Chancellor Steven Rosenstone
Leadership Council

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EXECUTIVE SUMMARY

As of June 30, 2017, there is \$287.4 million in major capital projects active in either design, construction or closeout at colleges and universities of Minnesota State. This amount has decreased by \$54.1 million from the last CIP Report, primarily due to bonding bill passing during the 2017 legislative session.

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 \$52.7 million.

\$162.7 million 56.6% 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 \$1.4 million.

\$19.3 million 6.7% of all project funding

Revenue Fund Program fund amount remained the same since last reporting period.

\$71.7 million 24.9% of all project funding

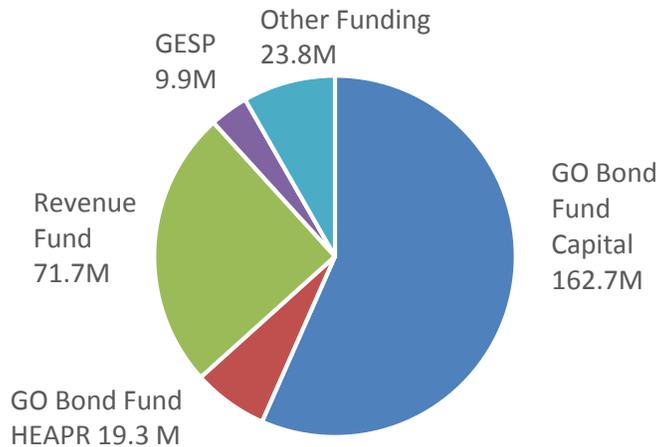
Guaranteed Energy Savings Program (GESP) fund amount remained the same since last reporting period.

\$9.9 million 3% of all project funding

Other funding augments the scope of capital projects through private donations, federal and state grants, and campus general operating funds. This funding amount remained the same since last reporting period.

\$23.8 million 8% of all project funding

Capital Project Funding Sources



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 January 1, 2017 through June 30, 2017. The next CIP reporting period is July 1, 2017 through December 30, 2017. 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 fund 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

Section 3 Project Summary includes 25 individual reports for the GO Bond Fund Capital Program, Revenue Fund Program and Guaranteed Energy Savings Program projects.

The 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://www.finance.mnscu.edu/facilities/design-construction/projectstatus/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, electronic files are posted at Minnesota State 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 a 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 for some of our significant capital projects. Since CM@r was implemented in 2012, there are 33 projects that used this delivery method with the construction amount over \$400 million. This report includes 11 active projects in design, construction or closeout.

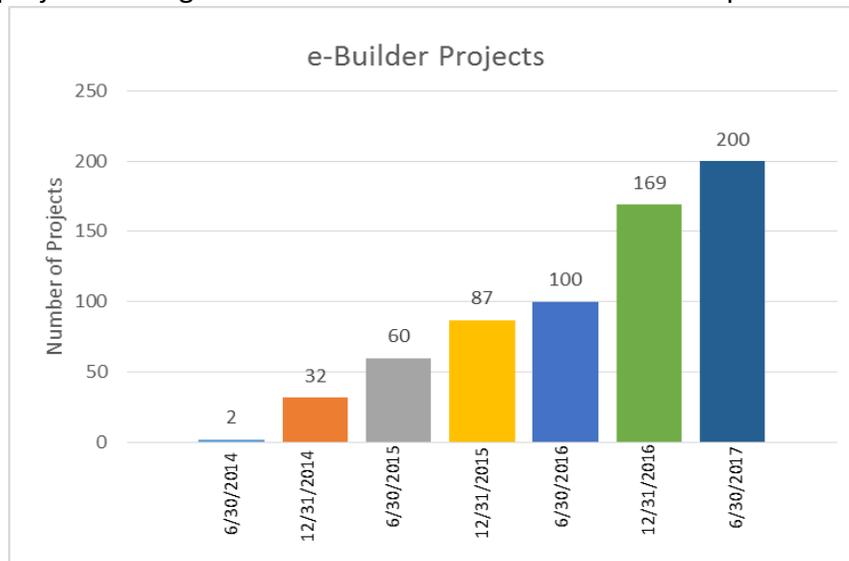
Guaranteed Energy Savings Program (GESP) is an alternative means for financing and delivering energy efficiency, renewable energy and facilities renewal projects. GESPs Master Contracts were established by the Minnesota Department of Commerce in response to Governor's Executive Order 11-12. Financing 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 GESPs vendor pays the difference between actual savings and agreed upon savings.

There are two projects that have used GESPs for financing energy related improvements and both are included in this report. It will be a few years until energy savings will become evident.

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 \$159 million, which is an increase of \$14 million. This amount does not include projects funded by GO bond fund and HEAPR appropriated in May 2017. These accounts were still being set up at the end of this reporting period.

The 200 total projects managed in e-Builder is an increase of 18% 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 Vendor Name |
|---|-------------------------|--|
| St. Cloud Technical and Community College | Bookstore & Coffee Shop | Construction \$1,082,125 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 Vendor Name |
|-------------------------------------|-----------------------|--|
| Minnesota State University Moorhead | East Snarr Renovation | Construction \$6,350,100 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 three capital projects reached substantial completion during this reporting period from January 1, 2017 – June 30, 2017. They were in Closeout Phase as of June 30, 2017.

| College/University | Project Name | Substantial Completion Date |
|---|---|------------------------------------|
| Bemidji State University | Memoria/ Decker Renovation and Stanford Hall Demolition | January 2017 |
| Minnesota West Community and Technical College, Jackson | Powerline Technician Training Facility | June 2017 |
| Saint Paul College | Health Science Alliance Center | June 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 seven capital projects were completed during this reporting period from January 1, 2017 – June 30, 2017. Because these projects were not active as of June 30, 2017, they are not included in Project Summaries in the Appendix at the end of this report.

| College/University | Project Name |
|---|---|
| Century College | Digital Fab Lab Renovation, Kitchen Space Renovation and Renewal, Solar Technician Lab Renovation |
| Lake Superior College | Allied Health ('86 Wing) Renovation |
| Metropolitan State University | Science Education Center |
| Minneapolis Community and Technical College | Workforce Program Phase 2 Renovation |
| NHED-Itasca Community College | Biomass Boiler System |
| NHED-Vermilion Community College | Art Classroom and Natural Science Labs Renovation |
| Winona State University | Education Village- Phase I |

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 absorb the entire one-third debt service. 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. At the end of this reporting period on June 30, 2017, accounts were in the process of being set up with Minnesota Management and Budget (MMB). Delegations were issued to Presidents and several projects are ready to execute contracts when funds are available.

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% | 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% | 99% | 0% |
| 2014 | \$117,119,230 | 27 | 98% | 94.96% | 1.63% |
| 2014C | \$322,518 | 5 | 59.7% | 49.6% | 40.3% |
| 2015 | \$31,943,000 | 5 | 91.20% | 75.08% | 8.8% |
| 2017 | \$67,325,000 | 7 | 0% | 0% | 100% |

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 17 General Obligation bond fund capital projects that were active during this reporting period of January 1, 2017 – June 30, 2017. Status of each project as of June 30, 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.

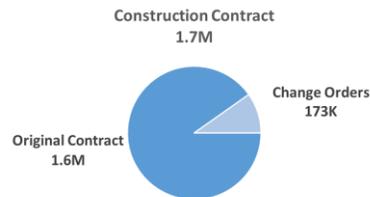
Minnesota State College/University Campus/Project

Status

Anoka Technical College

Manufacturing and Automotive Technical Lab Renovation

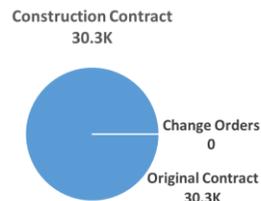
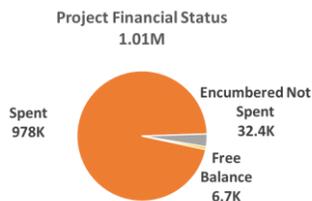
Closeout



Bemidji State University

Academic Learning Center, Campus Renovation and Hagg Sauer

Design on hold



Bemidji State University

Memorial, Decker Renovation, Sanford Hall Demolition

Closeout

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

Status

Dakota County Technical College

Transportation and Emerging Technical Lab Renovation – Phase 2

Construction



Minnesota State Community and Technical College

Fergus Falls Center for Student and Workforce Success

A/E Selection

Minnesota State Community and Technical College

Moorhead Transportation Center Addition, Renovation and Demolition

Closeout



Minnesota State Community and Technical College

Wadena Library and Student Development Renovation

A/E Selection

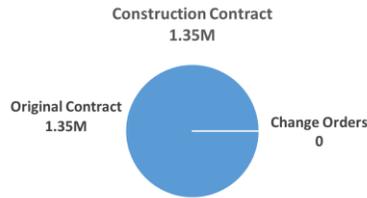
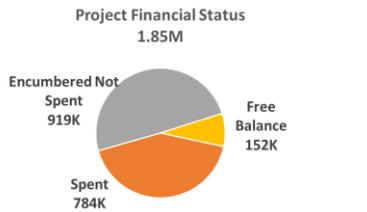
Minnesota State University, Mankato

Clinical Science Facility -Phase 1 New Construction
-Phase 2 Renovation

Completed Design

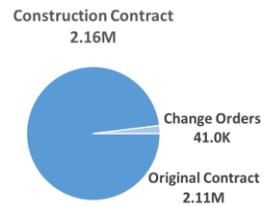
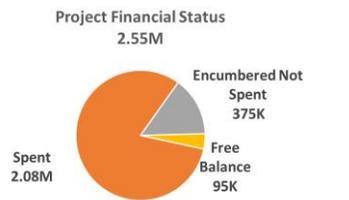
Minnesota West Community Technical College
 Canby Englund Hall HVAC Upgrades

Construction



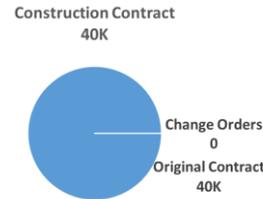
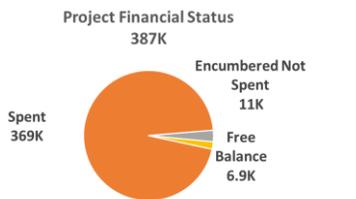
Minnesota West Community Technical College
 Jackson Powerline Technician Training Facility

Closeout



NHED-Hibbing Community College
 Campus Renovation and Rightsizing

Design

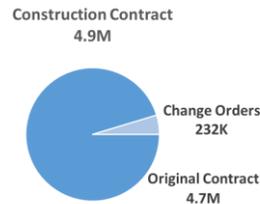
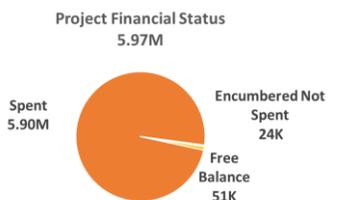


Northland Community and Technical College
 East Grand Forks Laboratory Renovations

A/E Selection

Northland Community and Technical College
 Thief River Falls Aviation Maintenance Facility Addition
 and Demolition

Closeout



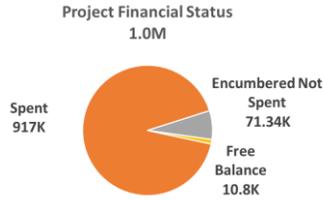
**Minnesota State College/University
Campus/Project**

Status

Rochester Community and Technical College

Memorial and Plaza Halls Demolition Design and Renovation

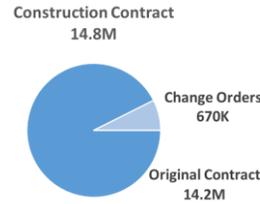
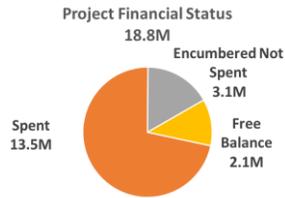
Design on hold



Saint Paul College

Health and Science Alliance Center Addition

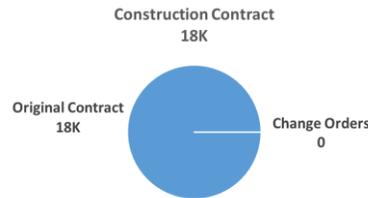
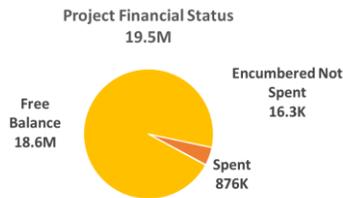
Construction



St. Cloud State University

Student Health and Academic Renovation, Eastman Hall

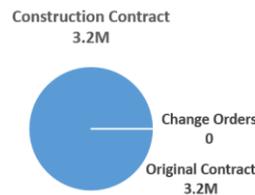
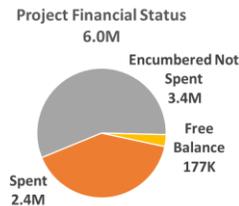
Design



Winona State University

Education Village -Phase I Renovation
-Phase II Renovation and Addition

*Construction
Design*



**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 June 30, 2017, accounts were in the process of being set up with Minnesota Management and Budget (MMB). Delegations were issued to Presidents and several projects are ready to execute contracts when funds are available.

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% | 97% | 0% |
| 2014 | \$42,028,745 | 82 | 99% | 93% | 1% |
| 2014C | \$322,518 | 5 | 59.7% | 49.6% | 0% |
| 2017 | \$25,000,000 | 21 | 0% | 0% | 100% |

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 | 98.0% | 98.0% | 2.0% |
| 2015 | \$45,642,106 | 4 | 92.0% | 87.0% | 8.0% |
| 2017 | \$9,280,000 | 1 | 75.0% | 2.0% | 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 six Revenue Fund Program Projects that were active during this reporting period of July 1, 2016 – December 31, 2016. The status of each project as of December 31, 2016 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

Metropolitan State University
St. Paul Parking Ramp

Closeout

Metropolitan State University
St. Paul Student Center

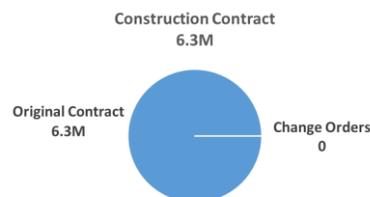
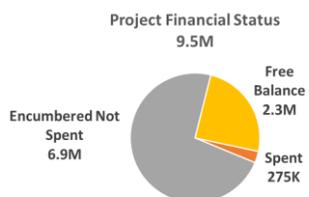
Closeout

Minnesota State University, Mankato
Dining Services Building

Closeout

Minnesota State University Moorhead
East Snarr Renovation

Construction

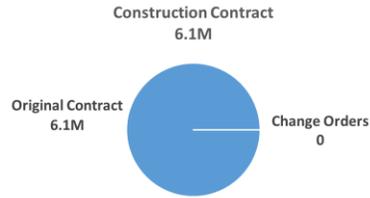
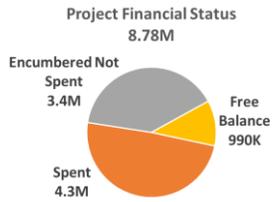


**Minnesota State College/University
Campus/Project**

Status

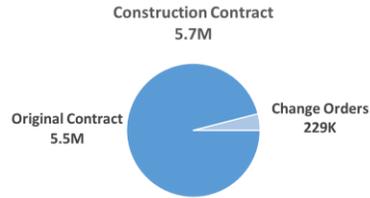
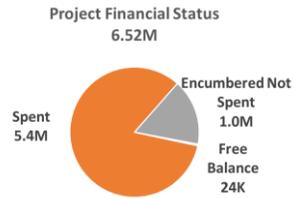
**Minnesota State University Moorhead
South Snarr Renovation**

Construction



**NHED-Vermilion Community College
Student Housing**

Construction



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.

GESP project at Riverland Community College was approved by the Board on April 22, 2015 and is in closeout. GESP project at Minnesota State University, Mankato’s was approved by the Board on January 28, 2016 and construction is planned to be completed this 2017 fall. It will be several years before savings from energy costs will be realized.

Guaranteed Energy Savings Program Spending Table for 2002-2017

| Year | Appropriation Amount | Encumbrance Percentage |
|-------------|-----------------------------|-------------------------------|
| 2015 | \$1,849,641 | 100% |
| 2016 | \$9,941,784 | 100% |

Guarantee Energy Savings Program Project List

The following is the list of two Guarantee Energy Savings Program Projects that were active during this reporting period of January 1, 2017 – June 30, 2017. The status of each project as of June 30, 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.

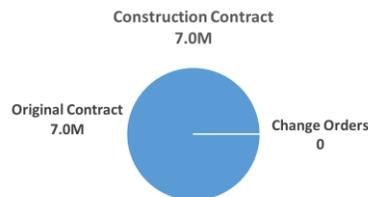
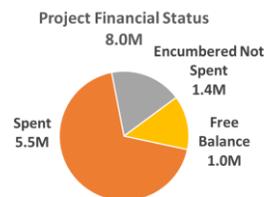
Minnesota State College/University Campus/Project

Status

Minnesota State University, Mankato

Lighting, building control valves, and boiler control systems

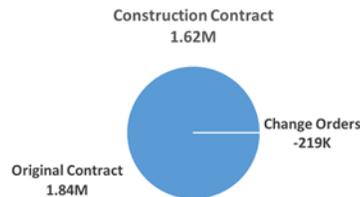
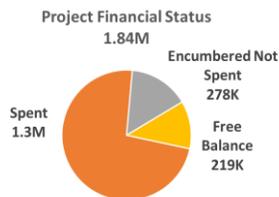
Construction



Riverland Community College

Lighting, exterior building envelope, building control systems, and minor water conservation

Closeout



Other Fund Summary

Other funds include funds from private donations, federal and state grants, and campus general operating funds. Some of these funding sources supplement GO Bond Fund Capital and HEAPR, and Revenue Bond Fund projects and some become standalone projects.

Other Fund Program Financial Spending Table for 2002-2016

| 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 | 79.5% | 5.4% |
| 2015 | \$2,969,407 | 78.3% | 14.1% |
| 2016 | \$4,272,365 | 57% | 0% |
| 2017 | \$8,005,102 | 0% | 100% |

SECTION 3 PROJECT SUMMARIES

Appendix

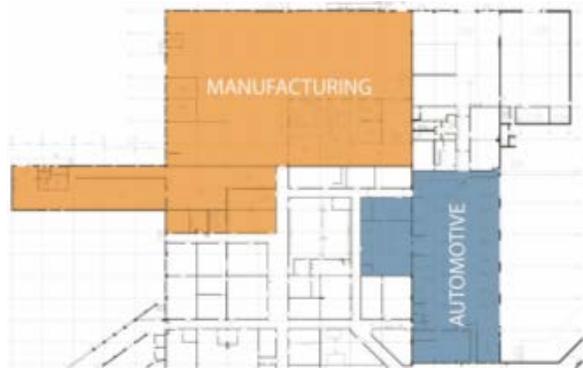
The following 25 individual capital project summaries (two-page pull out sheets) are funded by General Obligation Bond Fund Capital Program, Revenue Fund Program and Guaranteed Energy Savings Program. On June 30, 2017, three projects were in Designer (A/E) selection phase, five in design, seven in construction and 11 in closeout. Projects are arranged alphabetically by college and university.

To identify status between CIP Reporting periods, project summaries are updated monthly and available at <http://www.finance.mnscu.edu/facilities/design-construction/projectstatus/index.html>.

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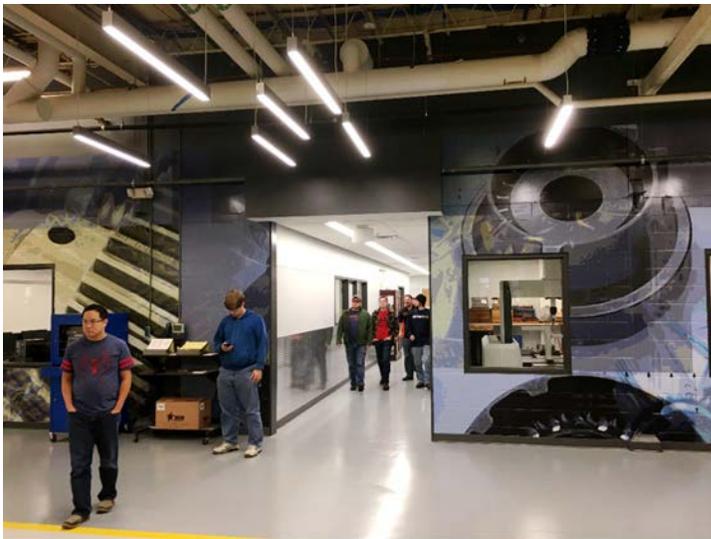
ANOKA TECHNICAL COLLEGE

Manufacturing and Automotive Technical Lab Renovation



CAMPUS PLAN

Campus website: www.anokatech.edu



PROJECT DESCRIPTION

The Manufacturing Technology Hub creates a workspace conducive to collaboration between Machine Trades, Welding and Mechanical Drafting and Design Technology programs. The proposed renovation will provide a collaborative environment where Design and Manufacturing students will interact while building on each other's abilities and skills. Upgrades in acoustics and mechanical systems will improve overall safety. The Automotive Technology Renovation will update classrooms and shop areas in order to accommodate the increased demand in the program and update curriculum to stay ahead of industry demand.

Students will benefit from training in real-world setting with 9 newly renovated classrooms/labs.

PROJECT STATUS

Closeout

PROJECT CONSTRUCTION COMPLETION DATE

September 2016

PROJECT FUNDING

\$ 2,114,000 2015 State G.O. Bonds (Design & Construction)

\$ 2,114,000 Total

PROJECT HIGHLIGHTS

Area: 42,000 GSF
 Estimated Construction Cost: \$1,585,000.00
 Construction Bid Award: \$1,603,000.00
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Roger Freeman
 SO Program Manager: Karen Huiett
 Architect/Engineer: Stanley Consultants, Inc.
 Contractor: Ebert Construction
 Owner's Representative: Knight Inspection Service

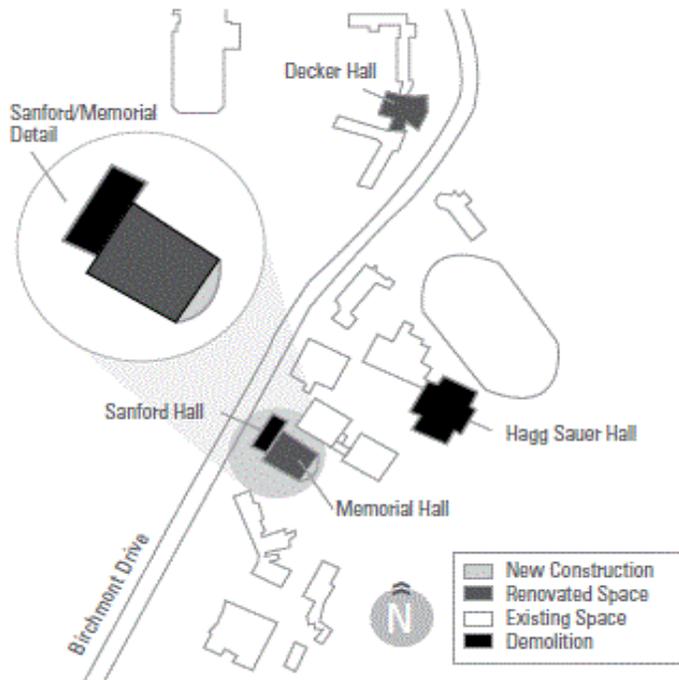
PROJECT SCHEDULE

| 2015 | | | | | | | | | | | | 2016 | | | | | | | | | | | | 2017 | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|----|----|----|----|------|---|---|---|---|----|-----|---|---|---|---|----|------|---|---|---|---|---|---|---|---|---|---|---|
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| | | | | | | | | 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 | | |

BEMIDJI STATE UNIVERSITY

Academic Learning Center, Campus Renovation and Hagg Sauer Demolition



CAMPUS PLAN - Bemidji

Campus website: www.bemidjistate.edu



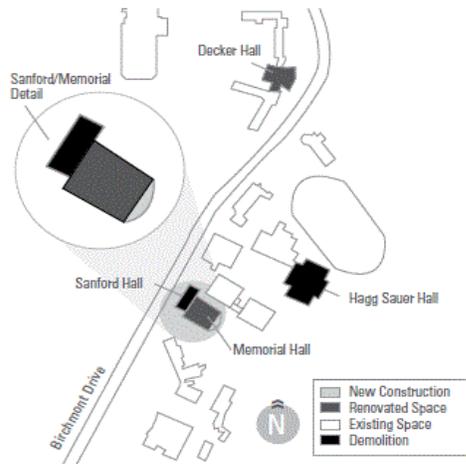
Hagg Sauer Hall

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.

BEMIDJI STATE UNIVERSITY

Memorial, Decker Renovation, Sanford Hall Demolition



CAMPUS PLAN - Bemidji

Campus website: www.bemidjistate.edu



Memorial Hall



Decker Hall

PROJECT DESCRIPTION

This project provided for the renovation of Memorial and Decker Halls, the demolition of Maple and Sanford Halls and a small addition to Memorial Hall.

Memorial Hall renovation addition accommodates the relocation of the College of Business from Decker Hall (located in the residential area of campus), back into the academic heart of the University. Newly renovated Memorial Hall gave the business program the visibility and corporate image it needs to continue its growth.

Demolition of Maple Hall was an important phase of the long range residential life facilities plan. Student service functions previously located in Sanford Hall have moved to a remodeled Decker Hall. Decker Hall brings together student life and student support services into a location which is central to instructional facilities and the residence halls.

PROJECT STATUS

Close Out

PROJECT CONSTRUCTION COMPLETION DATE

January 2016

PROJECT FUNDING

\$ 3,303,000 2012 State G.O. Bonds (Design & Demolition)
\$ 12,790,000 2014 State G.O. Bonds (Construction)
 \$ 16,093,000

PROJECT HIGHLIGHTS

Area: Remodel 46,700 GSF
 New 4,000 GSF
 Renewal 11,800 GSF

Estimated Construction Cost: \$ 11,788,000
 Construction Bid Award: \$ 11,741,108
 Project Delivery Method: Construction Manager at Risk

PROJECT TEAM

Campus Project Manager: Karen Snorek
 SO Program Manager: Jim Morgan
 Architect/Engineer: LHB Architects
 Contractor: Krause Anderson Inc.
 Owner's Representative: Hansen Construction Consulting

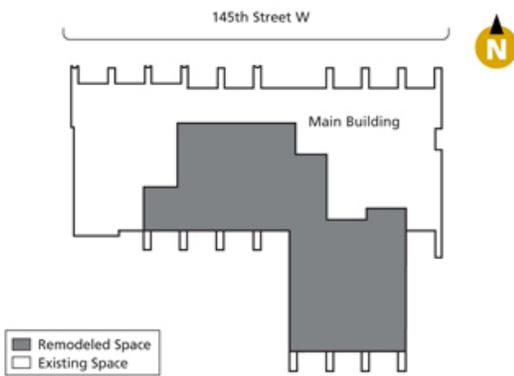
PROJECT SCHEDULE

| 2012 | | | | 2013 | | | | 2014 | | | | 2015 | | | | 2016 | | | | 2017 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|----|---|---|------|----|----|----|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
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| 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 | | |

DAKOTA COUNTY TECHNICAL COLLEGE

Transportation and Emerging Technical Lab Renovation, Phase 2



CAMPUS PLAN - Rosemount

Campus website: www.dctc.edu



PROJECT DESCRIPTION

This project is phase 2 for the renovation of the Heavy Duty Truck program, Heavy Construction Equipment program, multiuse classrooms, and common use spaces. The new space will be recovered for possible new and existing emerging technology programs such as Mass Transit Technologies, Biomedical Equipment, Nanoscience Technology and Energy Technical Specialists. This project remodels instructional spaces that augment high-wage and high-demand transportation programs. The project will alleviate cramped spaces, improve wayfinding, and provide student gathering spaces that are appropriate for a higher education institution. Completion of this project will allow DCTC to accomplish significant components of the master plan. This project renovates areas of the college that have not undergone a remodel since its original construction in 1973. More than 1200 students will benefit from the improved classrooms and laboratory spaces. All of DCTC's 2,232 students will enjoy the enhanced collegiate environment in the Commons area.

PROJECT STATUS

Phase 2A and 2B– Close out

Phase 2C – Construction

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: Remodel 68,000 GSF
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: Barry Schaub

Architect/Engineer: TKDA Architects and Engineers

Contractor: Jorgenson Construction

Owner's Representative: AFO Consultants

PROJECT SCHEDULE

| 2015 | | | | | | | | | | | | 2016 | | | | | | | | | | | | 2017 | | | | | | | | | | | |
|------|---|---|---|---|----|----|----|----|----|--------|---|------|---|---|---|----|---|---|---|---|--------|---|---|------|---|---|----|---|---|---|---|---|---|---|---|
| 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-2A | | | | | | CO | | | | | CON-2B | | | | | | 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 Phases 2A,2B |
| 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 76 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: Adolfsen & Peterson Construction
 Owner's Representative: CPMI

PROJECT ACTUAL/FORECAST SCHEDULE

| 2014 | | | | | 2015 | | | | | 2016 | | | | | 2017 | | | | | | | | | | | | | | |
|------|---|----|---|---|------|---|---|---|---|------|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| | D | 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 | | |

METROPOLITAN STATE UNIVERSITY

St. Paul Student Center



CAMPUS PLAN – St. Paul

Campus website: www.metrostate.edu



PROJECT DESCRIPTION

This Project designed, constructed, and equipped a new Student Center on the Metropolitan State University campus. The Student Center building is a two story glass and masonry building located along East 7th Street, between Maria Avenue to the west and Bates Avenue to the east. The Student Center provides students a unique set of services and spaces that previously did not exist on the St. Paul campus, such as Informal Lounge/Study space, food service operations featuring a combination of grab and go foods as well as freshly prepared food options, a Flexible Programming Space for events, a Workout Room, and a Student Involvement Suite.

PROJECT STATUS

Closeout

PROJECT CONSTRUCTION COMPLETION DATE

October 2015

PROJECT FUNDING

\$11,704,982 2013 Revenue Bonds (Design/Construction)

\$11,704,982 Total

PROJECT HIGHLIGHTS

Area: New 27,587 GSF
 Estimated Construction Cost: \$8,860,000
 Construction Bid Award: \$8,866,494
 Project Delivery Method: Construction Manager at Risk

PROJECT TEAM

Campus Project Manager: Chris Maas
 SO Program Manager: Jim Morgan
 Architect/Engineer: BWBR
 Construction Manager: Adolfson & Peterson Construction
 Owner's Representative: CPMI

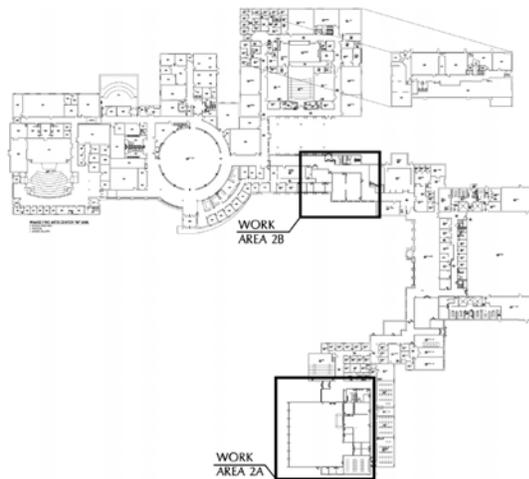
PROJECT ACTUAL/FORECAST SCHEDULE

| 2012 | | | 2013 | | | | 2014 | | | | 2015 | | | | 2016 | | | | 2017 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|---|------|---|----|----|------|---|---|----|------|----|-----|---|------|---|----|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | J | F | M | A | M | J |
| | | | | | AE | SD | | | | DD | C | 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 | | |

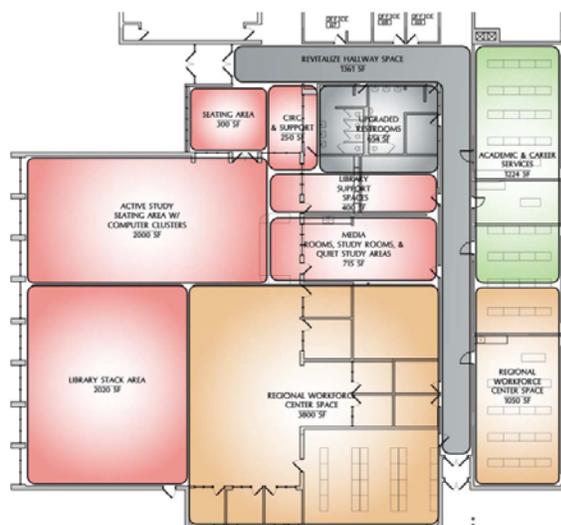
MINNESOTA STATE COMMUNITY AND TECHNICAL COLLEGE

Fergus Falls Center for Student and Workforce Success



CAMPUS PLAN

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

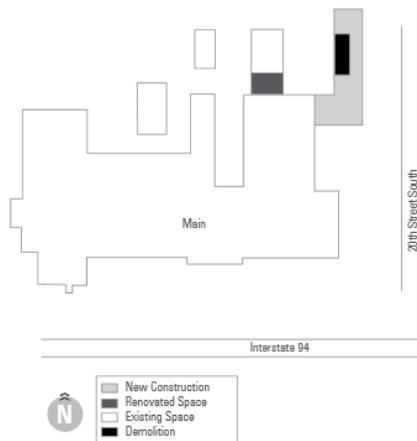


PROJECT DESCRIPTION

This project combines the college's access, career and transfer services with services offered by the Regional Workforce Center and its participating federal, state and local partners in Fergus Falls. This partnership and collaboration will expand community access to both education and employment options, better fulfilling the mission of each organization. The project repurposes the existing library, meeting rooms and underutilized classroom spaces and adds flexible spaces for active and quiet computer use throughout the library, updates interior finishes, lighting controls and fixtures, and increases the amount of electrical receptacles. Regional Workforce Center spaces will have a dedicated entrance, parking facilities and a separate entrance to be accessible when the college is closed. The leased area will improve campus space utilization.

MINNESOTA STATE COMMUNITY AND TECHNICAL COLLEGE

Moorhead Transportation Center Addition, Renovation and Demolition



CAMPUS PLAN - Moorhead

Campus website: www.minnesota.edu



PROJECT DESCRIPTION

The Transportation Center project provides a necessary expansion for the automotive and diesel technology programs on the Moorhead campus of Minnesota State Community and Technical College. This project consists of two new laboratories and renovation of existing laboratory space. The two new laboratories have high bays and specialty equipment to accommodate modern larger diesel agriculture, construction, and transportation equipment in the diesel technology program and relieves unsafe congestion in the existing laboratories.

PROJECT STATUS

Close Out

PROJECT CONSTRUCTION COMPLETION DATE

July 2016

PROJECT FUNDING

\$6,544,000 2014 State G.O. Bonds (Design and Construction)

\$6,544,000

PROJECT HIGHLIGHTS

Area: Renovation 1,017 GSF
 New 21,191 GSF

Estimated Construction Cost: \$ 4,882,657

Construction Bid Award: \$4,111,000

Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Pat Nordick

SO Program Manager: Terry Olsen

Architect/Engineer: JLG Architects

Contractor: Gast General Contractors

Owner's Representative: CPMI

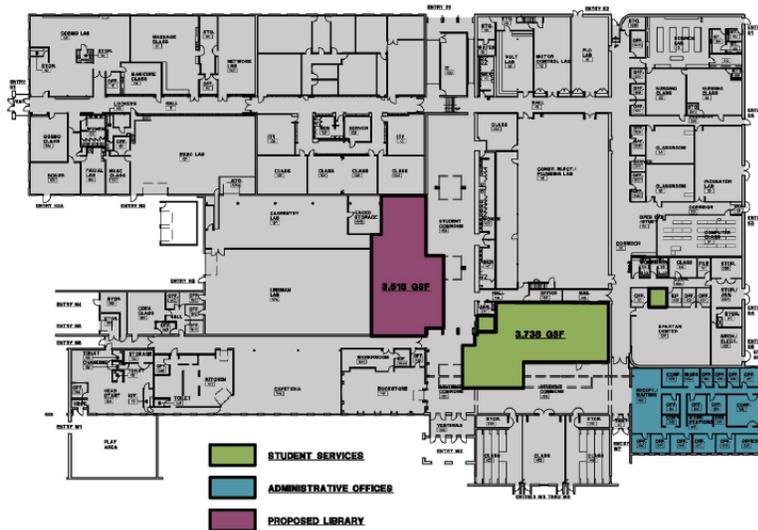
PROJECT SCHEDULE

| 2014 | | | | | 2015 | | | | | 2016 | | | | | 2017 | | | | | | | | | | | | | | | | | | | | |
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| | | | | 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 / Art |
| 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/>



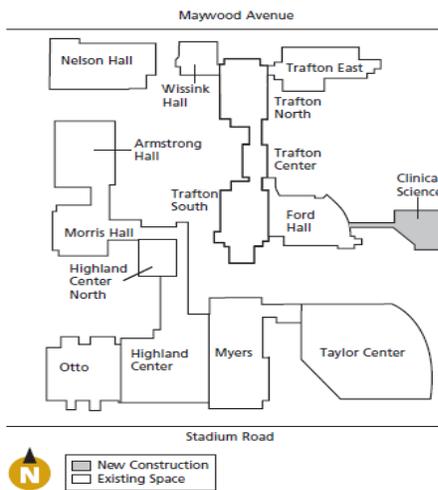
PROJECT DESCRIPTION

This project will displace the existing library to relocate student services from within administration, creating a centrally located Student Services Center. The high visible, welcoming location will be readily identifiable to students. In the process, this includes removing two off-line classrooms. Additional benefits include office area for employees relocating from Perham, separation between administrative and student functions, and it renovates the space adjacent to the areas renovated due to the June 17, 2010 tornado. The library benefits from new, more attractive finishes in its new location.

MINNESOTA STATE UNIVERSITY, MANKATO

Clinical Sciences Facilities – Phase 1 New Construction

Phase 2 Renovations



CAMPUS PLAN - Mankato

Campus website: www.mnsu.edu



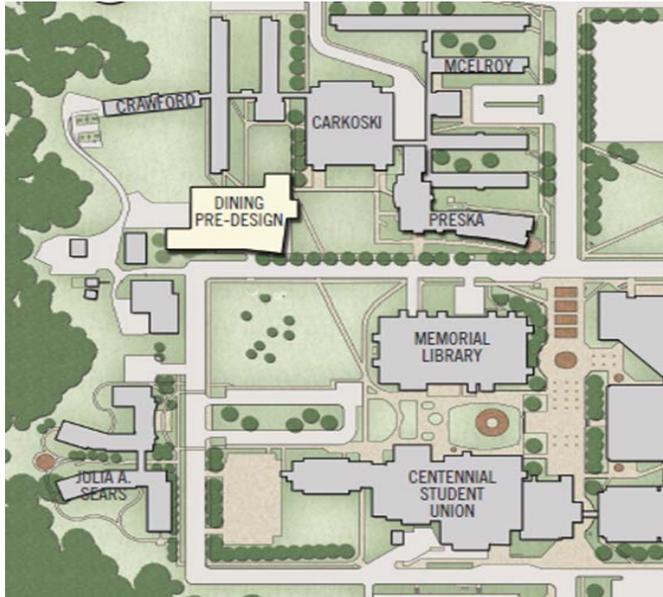
PROJECT DESCRIPTION

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.

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.

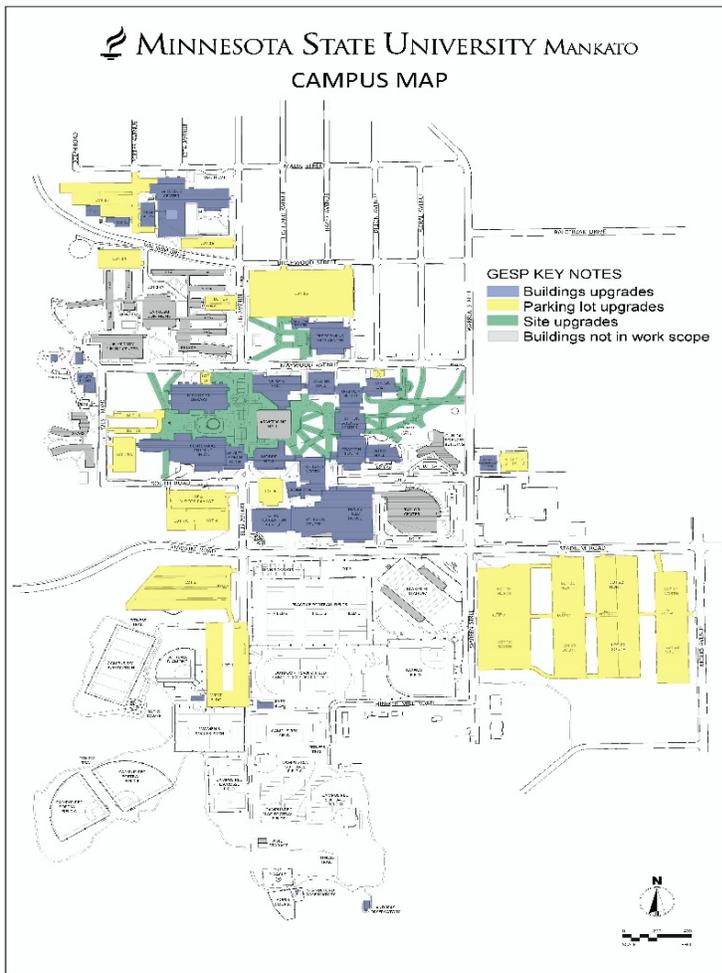
The project includes a variety of dining venues, servery, kitchen, food storage, bakery, loading and receiving, residential life maintenance/repair and support shops and related utilities and support spaces. The existing dining facility, the Carkoski Commons building, will remain in place until 2019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

MINNESOTA STATE UNIVERSITY, MANKATO

Guaranteed Energy Savings Program

CAMPUS PLAN - Mankato

Campus website: www.mnsu.edu

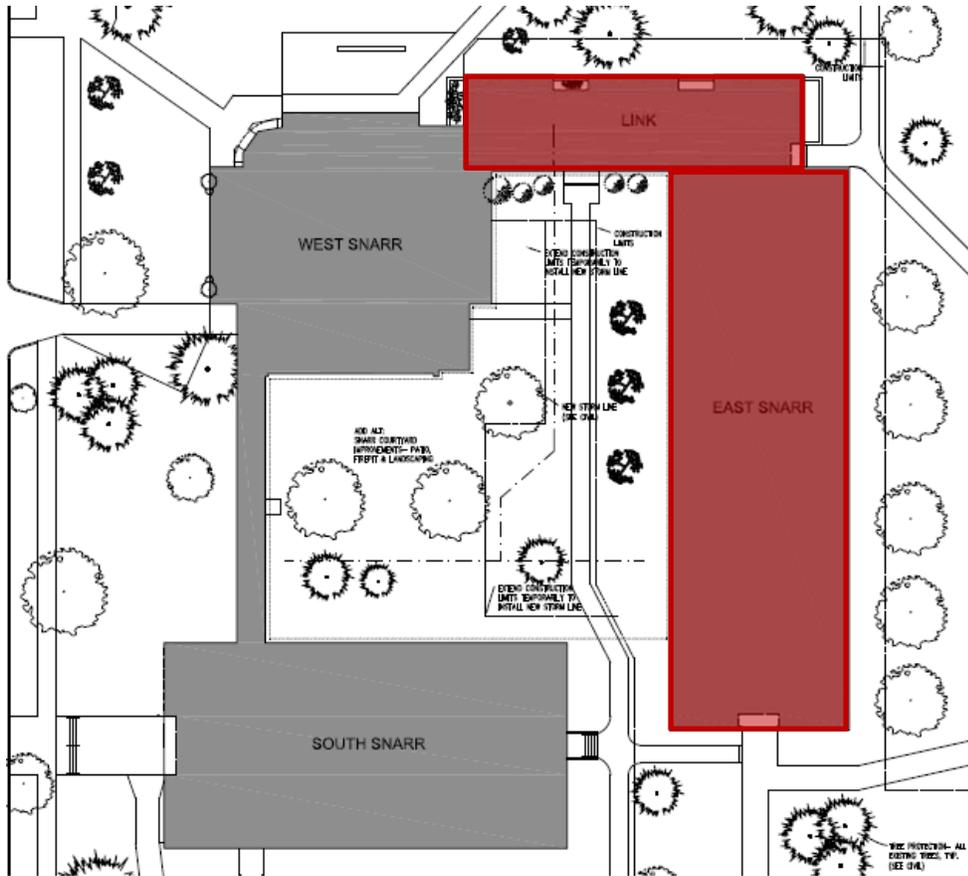


PROJECT DESCRIPTION

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. 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.

MINNESOTA STATE UNIVERSITY MOORHEAD

Snarr Hall East Renovation



CAMPUS PLAN - Moorhead

Campus website: www.mnstate.edu

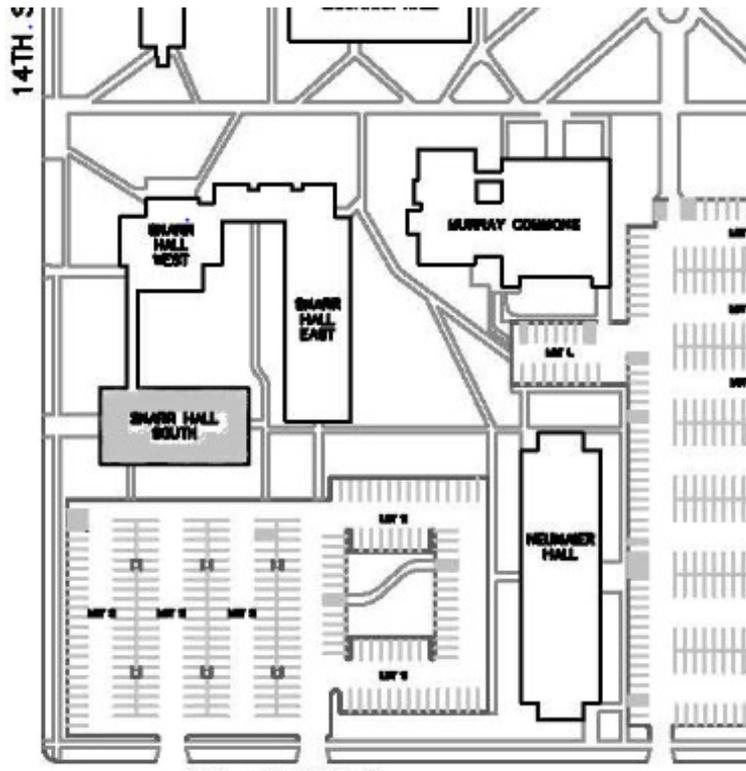


PROJECT DESCRIPTION

East Snarr is a three-story, dormitory-style residence hall constructed in 1963. To improve the student experience and provide accessibility, this project designs, renovates, furnishes and equips the East Snarr residence hall, completing the Snarr Residence Hall Triad. It consists of a major renovation to refresh common areas and substantially improves student and staff rooms, including upgraded finishes, lighting, fire alarm, sprinkler and HVAC systems. This will house 204 beds, update bathroom facilities, and rejuvenate lounge, study, and kitchenette support spaces.

MINNESOTA STATE UNIVERSITY MOORHEAD

Snarr Hall South Renovation



CAMPUS PLAN - Moorhead

Campus website: www.mnstate.edu



PROJECT DESCRIPTION

To enhance the student experience, as the middle project of a 3-part Snarr complex renovation, this project designs, renovates, furnishes and equips South Snarr residence hall. Consisting of major renovation, it introduces new common areas and substantially improves student and staff rooms, including upgraded finishes, lighting, fire alarm and HVAC systems. This will house 192 beds and bathroom facilities and student amenities will be updated.

PROJECT STATUS

Construction

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

| 2016 | | | | | 2017 | | | | | 2018 | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 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 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

Construction

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

| 2015 | | | | | | | | | | | | 2016 | | | | | | | | | | | | 2017 | | | | | | | | | | | |
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| AE | Architectural/Engineering Design Consultant Selection | BA | Bidding and Award |
| SD | Schematic Design Phase | CON | Construction |
| DD | Design Development Phase | CO | Project Closeout |
| CD | Construction Document Phase | | |

MINNESOTA WEST COMMUNITY AND TECHNICAL COLLEGE

Jackson Powerline Technician Training Facility

CAMPUS

Campus website: www.mnwest.edu

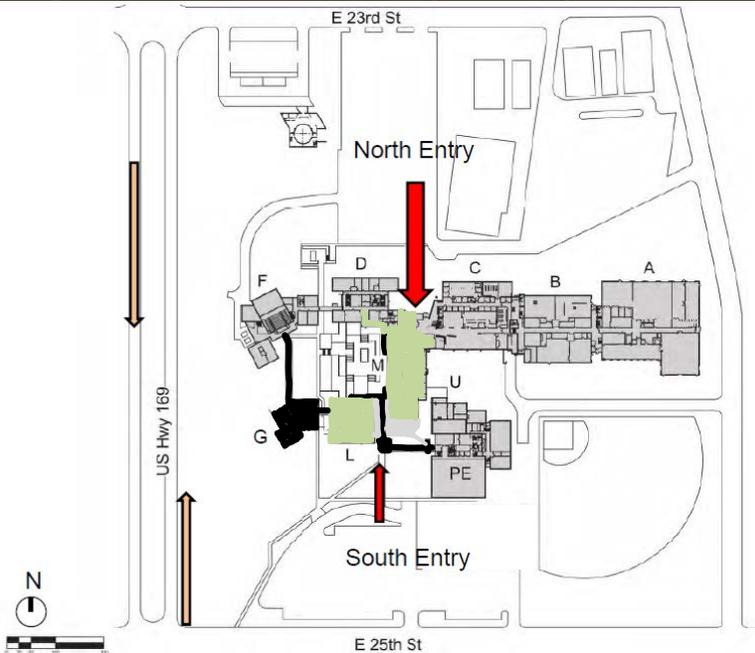


PROJECT DESCRIPTION

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.

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

Design

PROJECT CONSTRUCTION COMPLETION DATE

TBD

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: \$8,710,000
 Construction Bid Award: TBD
 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 | | | | | | | | | | | |
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| 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 | | |

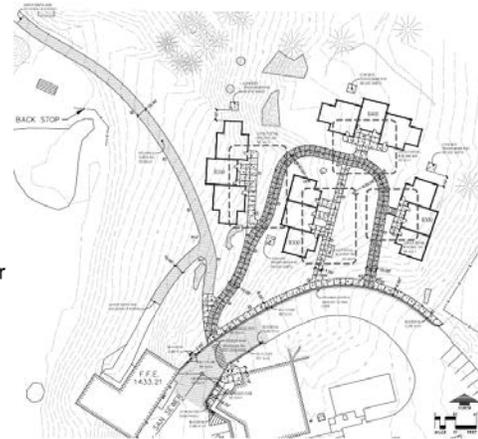
NHED - VERMILION COMMUNITY COLLEGE

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 closet and a storage room. A mechanical room for each townhouse will be accessible from the exterior only.

PROJECT STATUS

Construction

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

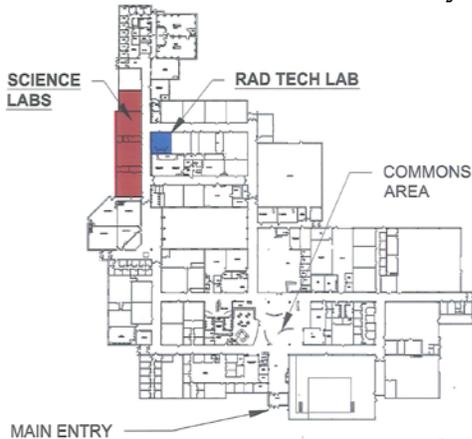
PROJECT SCHEDULE

| 2014 | | | | | | | | | | | | 2015 | | | | | | | | | | | | 2016 | | | | | | | | | | | | 2017 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 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 | | |

NORTHLAND COMMUNITY AND TECHNICAL COLLEGE

East Grand Forks Laboratory Renovation



CAMPUS PLAN

Campus website: www.northlandcollege.edu



PROJECT DESCRIPTION

This project will renovate three existing outdated, unsafe, and cramped science laboratories and the radiologic technology laboratory. This renovation increases usable lab space, improves student and instructor ADA accessibility and eliminates safety risks from tripping hazards and improperly vented fume hoods. The intent is for the renovation to resemble exam rooms and x-ray imaging station at one of the partner agency clinical sites, for real world relevance.

The chemistry laboratory renovation will allow scheduling of 24 students instead of 18 due to safety concerns using hazardous materials, flames and hot plates in close working conditions. Benches in anatomy and microbiology will be replaced to improve interaction and allow for incorporation of new technologies and an improved teaching area. Increased storage space will mitigate fire code violations and allow use of the prep area for lab exercises, which allows the science labs greater flexibility for lab courses and lecture-based classes.

Removing the old dark room, the upgraded radiologic laboratory will compliment new digital imaging equipment procured through the 2012 Leveraged Equipment Program. Improved space may allow adding 4 students to the program. New technologies will support a potential new lab technician program.

PROJECT STATUS

Architectural Engineering Design Consultant Selection

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: TBD
 Construction Manager: TBD
 Owner's Representative: TBD

PROJECT ACTUAL/FORECAST SCHEDULE

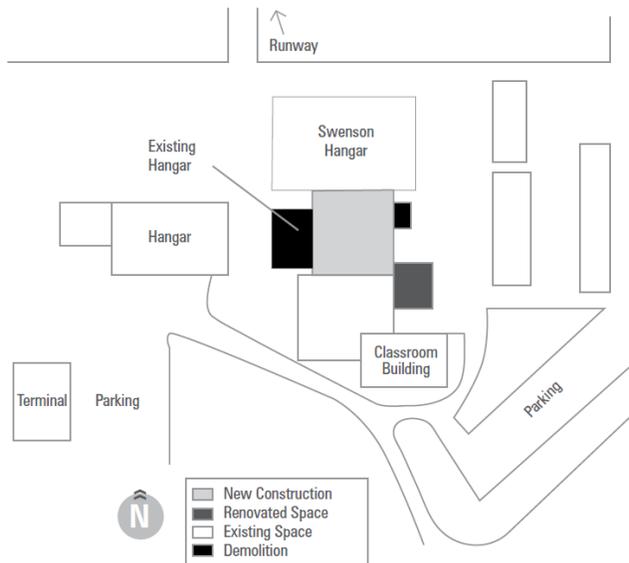
| 2017 | | | | | | | | | | | | 2018 | | | | | | | | | | | | 2019 | | | | | | | | | | | | | | |
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KEY:

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| 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 | | |

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

This project designs and renovates 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. Additionally, campus airport facilities were brought in line with today's technology standards in order to properly interface with the equipment needed for the AMT, UAS and IA training programs. To meet these needs, both the Arctic and Composite hangars were demolished. A new multi-purpose structure connecting the Aviation Classroom Building with the Swenson Hangar was constructed. The existing Recip Hangar was renovated into consolidated storage space. This project allows for training and partnerships within the industry and ultimately ensures 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

| 2012 | | | | | 2013 | | | | | | | | | | | | |
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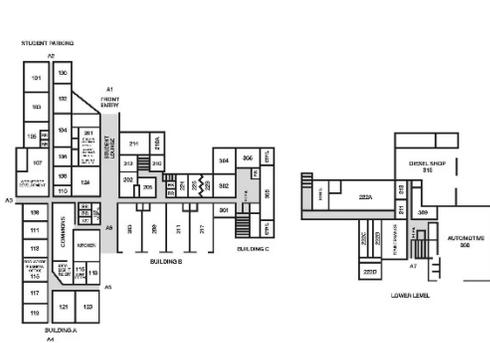
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| AE | Architectural/Engineering Design Consultant Selection | BA | Bidding and Award |
| SD | Schematic Design Phase | CON | Construction |
| DD | Design Development Phase | CO | Project Close out and Art |
| CD | Construction Document Phase | | |

RIVERLAND COLLEGE

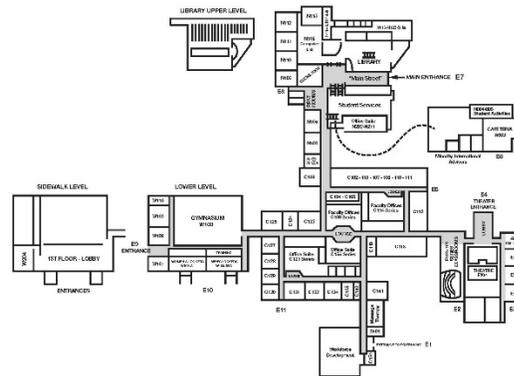
Guaranteed Energy Savings Program

CAMPUS PLAN - Riverland

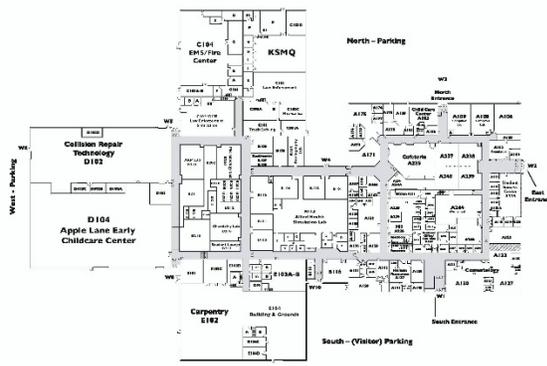
Campus website: www.riverland.edu



Riverland Community College Albert Lea Campus



Riverland Community College Austin Campus - East Building



Riverland Community College Austin Campus - West Building



Riverland Community College Owatonna Campus

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. 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 college the major improvements will be retrofits of highly efficient LED light fixtures and some improvements with the building envelope and building control systems.

PROJECT STATUS

Close-out

PROJECT CONSTRUCTION COMPLETION DATE

December, 2016

PROJECT FUNDING

\$ 1,849,641 Funding approved through projected Energy Savings

\$ 1,849,941 Total

PROJECT HIGHLIGHTS

Area: 389,000 GSF at the Austin and Owatonna campuses

Estimated Construction Cost: \$1,849,641

Construction Bid Award: \$1,849,641

Project Delivery Method: Guaranteed Energy Savings Program

PROJECT TEAM

Campus Project Manager: Brad Doss

SO Program Manager: Barry Schaub

Energy Services Company: Honeywell

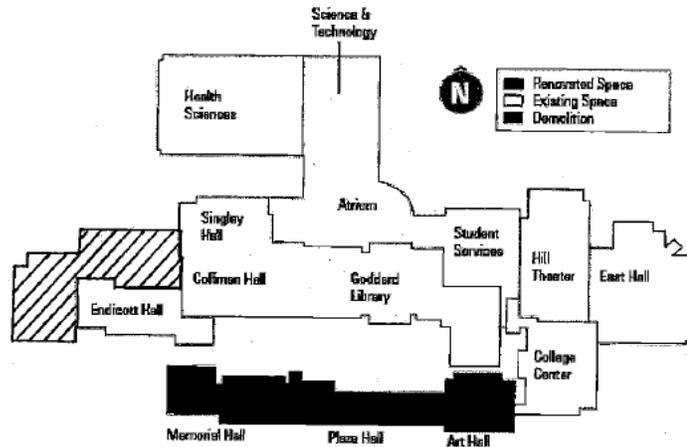
PROJECT SCHEDULE

| 2014 | | | | | 2015 | | | | | 2016 | | | | | 2017 | | | | | | | | | | | | | | | | | | | |
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| 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 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 2016 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

TBD

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: Barry Schaub
 Architect/Engineer: Bentz, Thompson, Rietow, Inc.
 Contractor: TBD
 Owner's Representative: Pegasus Group

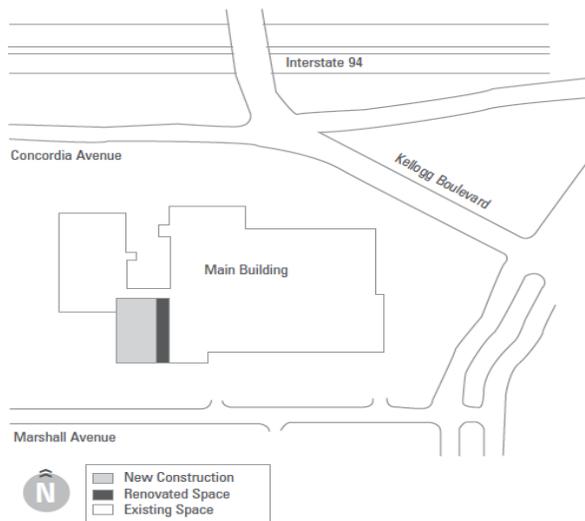
PROJECT SCHEDULE

| 2015 | | | | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2019 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 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 | | |

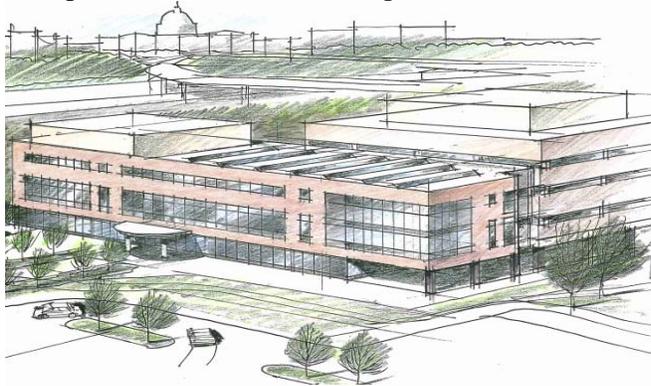
SAINT PAUL COLLEGE

Health and Science Alliance Center Addition



CAMPUS PLAN – St. Paul

Campus website: www.saintpaul.edu



PROJECT DESCRIPTION

This project designs, constructs, furnishes and equips a new classroom and laboratory building located on the westerly end of the existing campus facilities. The new building will address 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. The project will also include a walkway/entry component to connect to the new west end parking ramp and serve as a major entry to the campus.

New space will include faculty and administrative offices, teaching laboratories, classrooms and student/faculty interaction spaces. The completed project will also address issues of life safety, air quality, deferred maintenance, sustainability and energy efficiency, preservation of assets, space shortages and space use constraints. The design was largely complete with the funds appropriated from the 2012 legislative session. Bidding and construction funds were appropriated from the 2015 special legislative session.

PROJECT STATUS

Construction

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
 Construction Manager: Knutson Construction
 Owner's Representative: Hansen Construction Consulting

PROJECT SCHEDULE

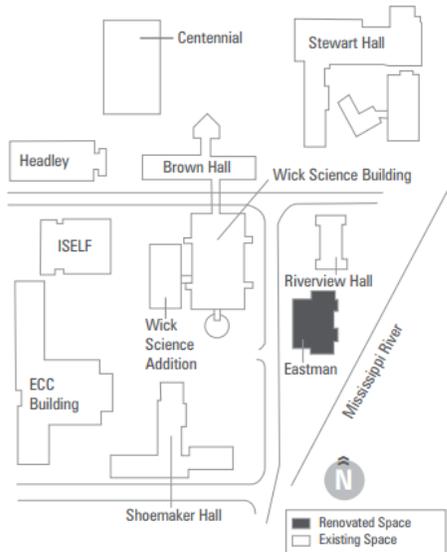
| 2012 | | | | | | | | | | | | 2013 | | | | | | | | | | | | 2014 | | | | | | | | | | | |
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| AE | Architectural/Engineering Design Consultant Selection | BA | Bidding and Award |
| SD | Schematic Design Phase | CON | Construction |
| DD | Design Development Phase | CO | Project Close out |
| CD | Construction Document Phase | | |

ST. CLOUD STATE UNIVERSITY

Student Health and Academic Renovation, Eastman Hall



CAMPUS PLAN – St. Cloud

Campus website: www.stcloudstate.edu



PROJECT DESCRIPTION

The renovation of Eastman Hall will create greater integration of academic and student service programs. The location of 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 will 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.

This project co-locates 4 student health services programs in a facility currently not in use with an extensive renovation, and constructs a significant infill mezzanine area while keeping the building's footprint the same. In addition to new work, this eliminates \$3.8 million of deferred maintenance backlog. The program consolidation strengthens 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

Design

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: \$ 14,713,000
 Construction Bid Award: TBD
 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

| 2014 | | | 2015 | | | | | | 2016 | | | | | | | | | | | | | |
|------|---|---|------|----|---|---|----|---|------|----|---|---|---|---|---|---|---|---|---|---|---|--|
| S | O | N | D | J | F | M | A | M | J | J | A | J | O | N | D | J | F | M | A | M | J | |
| AE | | | | SD | | | DD | | | CD | | | | | | | | | | | | |

| 2017 | | | | | 2018 | | | | | | | | | | | | 2019 | | | | | | | | | | | | | | | | | | |
|------|---|----|---|---|------|---|---|---|---|---|---|---|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|
| 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 | | | | | |
| 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 | | |

WINONA STATE UNIVERSITY

Education Village, Phase I & II, Renovation

Campus website: www.winona.edu



PROJECT DESCRIPTION

The WSU Education village includes the wise reuse of three buildings renovated into a modern, integrated space that supports a truly transformative plan - purposefully-designed specialty labs and classrooms for all education programs. Phase I includes the design of both phases with partial exterior renovation of Wabasha Hall and Cathedral School. Phase II includes the majority of the renovation and new construction in Cathedral School, Net Gym and Wabasha Hall. The project eliminates \$8 million of deferred maintenance backlog by demolishing the Annex and a portion of Wabasha Rec.

The project impacts more than 20 classrooms/labs, improves accessibility, and includes observation rooms, and faculty offices to create a holistic learning and mentoring environment.

