



Minnesota
STATE COLLEGES
& UNIVERSITIES

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MEMORANDUM

DATE: July 30, 2015

TO: Michael Vekich, Chair, Board of Trustees
Jay Cowles, Chair, Finance and Facilities Committee

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

SUBJECT: **Capital Improvement Program (CIP) Status Report**

Semi-annual Capital Improvement Program Report for the period January 1, 2015 through June 30, 2015 is 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

Status Report for

**CAPITAL IMPROVEMENT
PROJECT PROGRAM**

January 1, 2015 – June 30, 2015



Minnesota
STATE COLLEGES
& UNIVERSITIES

TABLE OF CONTENTS

Executive Summary	2
Introduction	2
Project Delivery Methods.....	3
Enterprise Project Management System.....	4
Financial History	5
List of Contracts over One Million Dollars	
Funded with Campus Resources	9
Funded GO bond fund, HEAPR and Revenue fund	10
General Obligation (GO) Bond Fund Program	
Program Summary	11
Project List.....	12
Appropriation Spending Rates.....	15
General Obligation Bond Fund (GO)	
Higher Education Asset Preservation and Replacement (HEAPR) Program	
Program Summary	17
Appropriation Spending Rates.....	18
Revenue Fund Program	
Program Summary	20
Project List.....	21
Individual General Obligation Bond Fund and Revenue Fund Project Summaries	
Alphabetical by Institution.....	Appendix

CAPITAL IMPROVEMENT PROGRAM

Executive Summary

As of June 30, 2015, there is \$523.3 million in major capital projects in either design or construction on going at our colleges and universities. General obligation (GO) bonded capital projects account for 77.49% (\$405.5 million), GO bonded Higher Education Asset Preservation and Replacement (HEAPR) projects represent 9.85% (\$51.5 million), and the Revenue Fund totals 10.41% (\$54.5 million). Other funds total 2.25% and supplement capital projects through private donations, federal and state grants, and campus general operating fund. Overall program execution is on schedule with no major issues.

Introduction

This Capital Improvement Program (CIP) report summarizes the status of Minnesota State Colleges and Universities' funded major capital projects under design and/or construction during the period January 1, 2015 through June 30, 2015. The next CIP reporting period is July 1, 2015 through December 30, 2015.

After providing an overview of the project delivery methods and overall program funding histories, this report provides background, project summaries, and financial spending update on **GO Bond Fund projects**, background and financial spending update on GO Bond Fund **HEAPR projects**, and background and project summaries on **Revenue Fund projects**.

On the financial spending graphs at the end of these sections, the “Planned (Encumbered)” dashed line highlights the original schedule by which projects were to encumber and spend their appropriations. The “Actual (Encumbered)” solid line reflects how project monies have been either encumbered or spent as of the date of the report. The “Spent” line reflects project funds that have been paid to contractors and vendors.

Individual project details for GO Bond Fund and Revenue Fund projects 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. Project data captured includes project location on campus plan, project description, funding amounts and sources, project highlights, project team key players, project status and schedule (combined actual and future forecast). This format is identical to the Capital Improvement Program Summaries (CIPS) at <http://www.finance.mnscu.edu/facilities/design-construction/projectstatus/index.html>. CIPS reports are updated monthly.

Project Delivery Methods

Design/Bid/Build (D/B/B) is the transitional delivery method that is used for the majority of our projects. Using this method, the lowest responsible bidder is awarded the project.

“Responsible Contractor” verification and certification per Minnesota Statute 16C.285 was added to construction bid requirements effective on January 1, 2015. It applies to both prime contractor and all tiers of subcontractors. Effective July 1, 2015, legislation clarified and slight expanded statute language.

Construction Manager at Risk (CM@r) has gained popularity as an alternate delivery method to reduce risk for the owner on large complex projects. Since CM@r was implemented in 2012, there are 25 projects using this delivery method with construction amount totaling \$50 million. This report includes eight CM@r projects that are active in either design or construction.

CM@r allows the Construction Manager (General Contractor) to be selected during the design phase based on combination of qualifications and fees. After a Guaranteed Maximum Price (GMP) is established, the project is issued for bids to a list of subcontractors that were pre-qualified by the construction manager. Although there is additional work up front for selection, the benefits of general contractor involvement in the design phase, reduced change orders in construction phase and partnering team spirit makes this method preferable for some of our significant projects.

Job Order Contract (JOC) was rolled out December 2013 for use on projects under \$250,000. We expect this delivery method to be beneficial for small campus funded projects as well as small HEAPR projects. Individual projects are bid out to prequalified contractors on master contract and work orders can be quickly prepared to secure work. Currently, there are 43 projects that have used this delivery method.

Guaranteed Energy Savings Program (GESp) is an alternative means for financing energy related projects. Four colleges and one university are investigating and two colleges have received board approval for this delivery method.

GESp Master Contracts were established by the Minnesota Department of Commerce in response to Governor’s Executive Order 11-12. The financing is a leased purchased agreement based on a performance contract which uses guaranteed energy savings from the project to pay off loan. If actual savings are not realized, then the GESp vendor pays the difference between actual savings and agreed upon savings. Currently, there are two projects in process and several institutions are investigating this program.

Enterprise Project Management System

In 2013, “e-Builder” was selected as EPMS software vendor. During the next year, system office worked with college and university representatives and e-Builder implementation team to configure e-Builder work flow processes, file structure, and interface with ISRS. In May 2014, two pilot projects were rolled out for alpha testing followed by four projects for beta testing. Our goal of at least one project per institution in e-Builder before the end of this reporting period was achieved. Currently, there is a total of 60 projects which is over two times the amount in the previous reporting period. Effective January 2015, all new projects are required to be managed in e-Builder.

In 2014, initial training was conducted in six regions for college/university staff and vendors. Ongoing training occurs monthly and by special appointment. To expand expertise, module training for specific topics via WebEx started in March 2015 and occurs on a weekly basis. To accommodate these increased training needs, a training area was added on 6th floor system office.

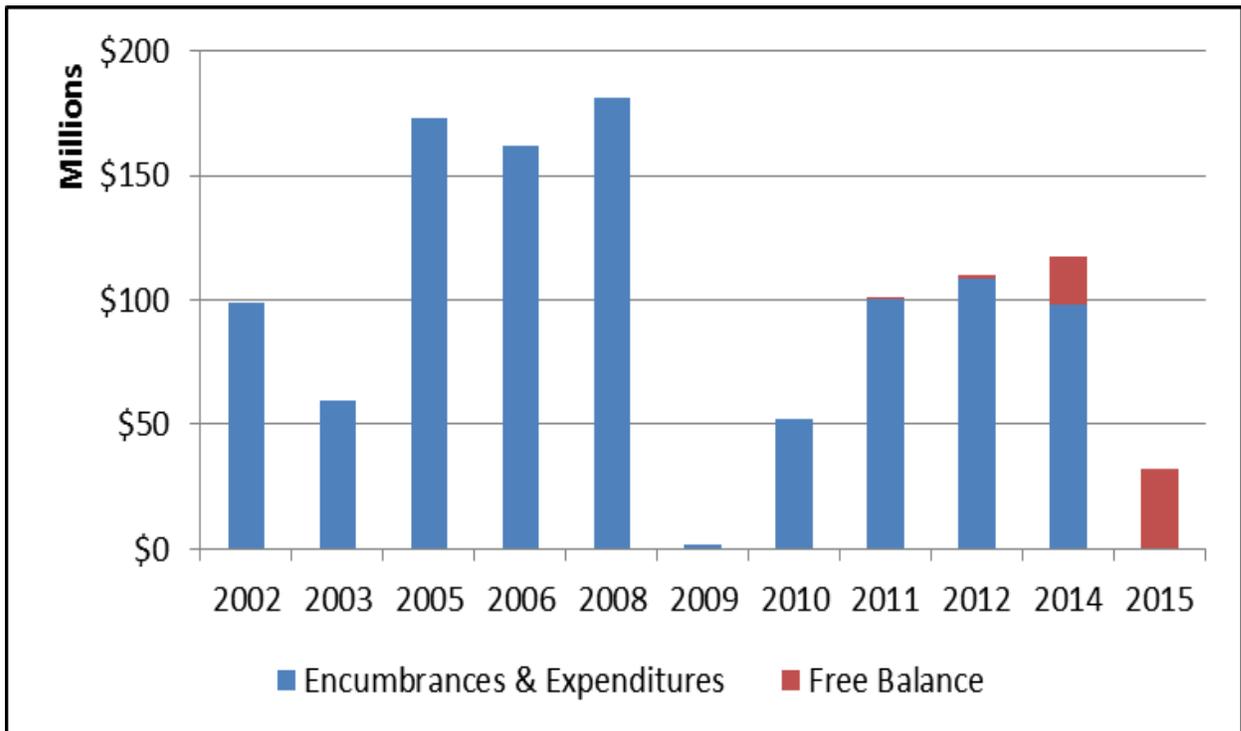
To promote communication, several tools have been implemented. Two e-Builder SharePoint sites were developed, one for college and universe staff, and one for vendors to house user guide, announcements, white paper, and other resources. *e-Builder has the answers* newsletter was created and four editions were issued during the last year. It was determined stronger communication was needed; and e-Builder User Group (e-BUG) was created to cover updates, rollout announcements and obtain feedback through WebEx that occurs twice a month.

It is anticipated that when all Capital projects are using e-Builder, much of the data for this report will be generated from that system.

Financial History

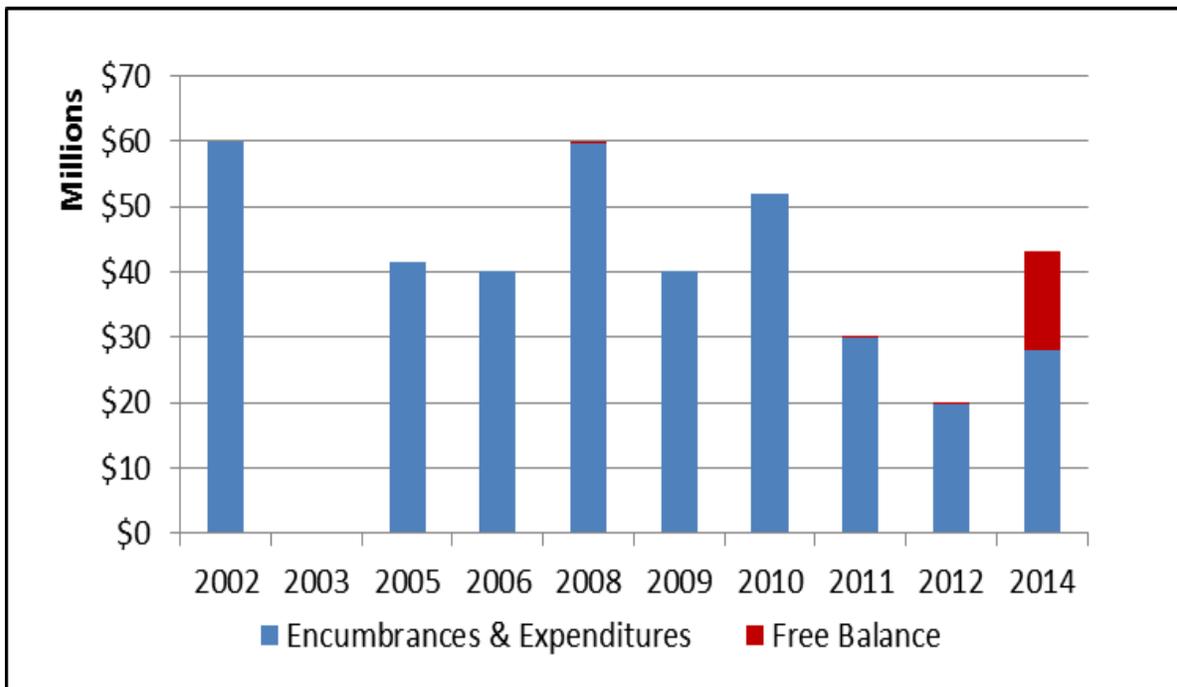
General Obligation Bond Fund Projects 2002-2015

Year	Total Appropriation Amount	Encumbrances & Expenditures		Free Balance Amount
		Amount	Percentage of Total Appropriation	
2002	\$98,847,000	\$98,847,000	100.00%	\$0
2003	\$59,615,000	\$59,615,000	100.00%	\$0
2005	\$172,864,465	\$172,864,465	100.00%	\$0
2006	\$162,211,711	\$162,211,711	100.00%	\$0
2008	\$181,125,090	\$181,125,090	100.00%	\$0
2009	\$1,767,550	\$1,767,550	100.00%	\$0
2010	\$52,416,971	\$52,416,971	100.00%	\$0
2011	\$101,289,922	\$100,703,450	99.42%	\$586,473
2012	\$109,865,586	\$108,610,940	98.86%	\$1,254,645
2014	\$117,312,000	\$97,843,854	83.4%	\$19,468,146
2015	\$31,943,000	\$0	0.00%	\$31,943,000



Higher Education Asset Preservation and Replacement (HEAPR) Program 2002-2014

Year	Total Appropriation Amount	Encumbrances & Expenditures		Free Balance Amount
		Amount	Percentage of Total Appropriation	
2002	\$59,999,254	\$59,999,254	100.00%	\$0
2003	\$101,000	\$101,000	100.00%	\$0
2005	\$41,500,000	\$41,500,000	100.00%	\$0
2006	\$40,153,878	\$40,153,878	100.00%	\$0
2008	\$59,599,910	\$59,587,851	99.98%	\$12,059
2009	\$40,000,000	\$40,000,000	100.00%	\$0
2010	\$52,000,000	\$52,000,000	100.00%	\$0
2011	\$30,000,000	\$29,988,807	100.00%	\$11,193
2012	\$20,000,000	\$19,860,664	99.3%	\$139,336
2014	\$42,500,000	\$28,100,711	66.12%	\$15,078,013

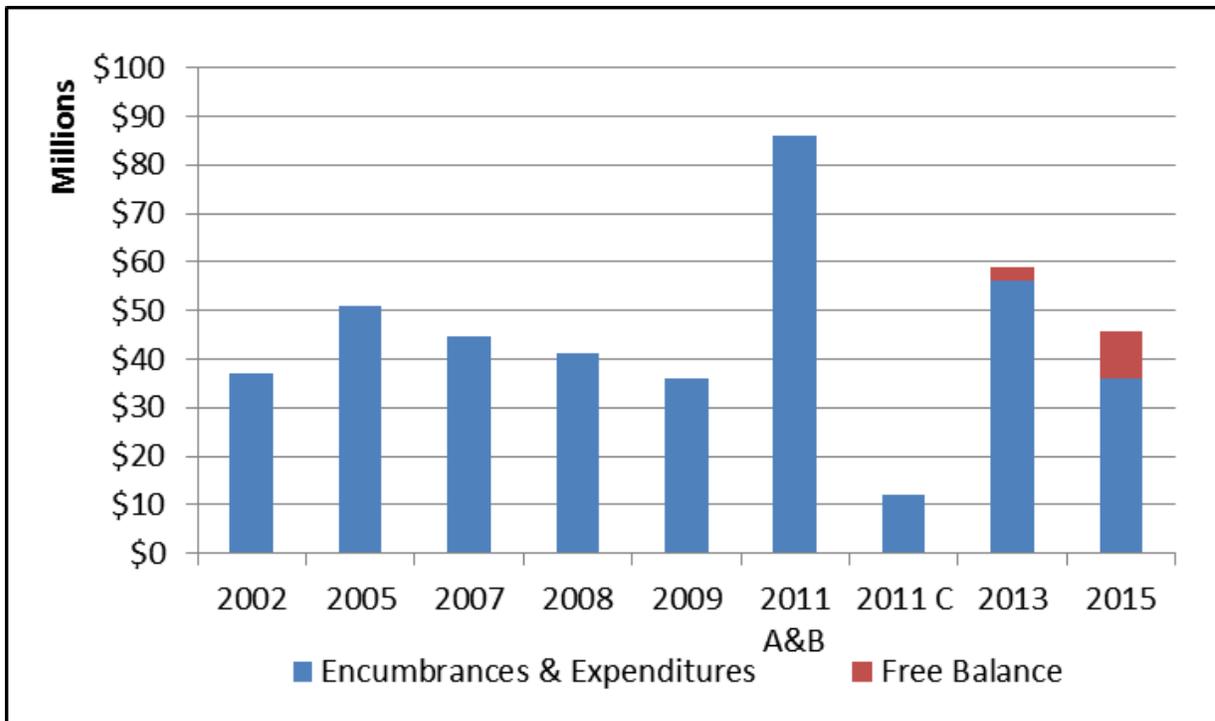


Revenue Fund Program 2002-2013

Year	Total Appropriation Amount	Encumbrances & Expenditures		Free Balance Amount
		Amount	Percentage of Total Appropriation ⁽¹⁾	
2002	\$36,275,000	\$36,994,899	101.98%	\$0
2005	\$45,320,000	\$50,757,396	112.00%	\$0
2007	\$43,070,000	\$44,642,994	103.65%	\$0
2008	\$41,020,000	\$41,312,274	100.71%	\$0
2009	\$35,810,000	\$35,874,048	100.18%	\$0
2011 A&B	\$85,800,000	\$85,976,844	100.21%	\$0
2011 C	\$12,000,000	\$12,005,790	100.05%	\$0
2013	\$58,795,000	\$55,980,803	95.21%	\$2,898,408
2015	\$45,540,000	\$35,917,719	78.87%	\$9,626,600

Note

(1) The final percentage of expenditures will always be greater than 100% due to accruing investment interest.



Other Funds 2002-2014

Year	Total Appropriation ⁽¹⁾ Amount	Encumbrances & Expenditures		Free Balance Amount
		Amount	Percentage of Total Appropriation	
2002	\$4,197,261	\$4,197,261	100.00%	\$0
2005	\$200,265	\$200,265	100.00%	\$0
2006	\$8,625,506	\$8,625,506	100.00%	\$0
2008	\$3,366,341	\$3,366,341	100.00%	\$0
2010	\$1,440,000	\$1,440,000	100.00%	\$0
2012	\$1,189,483	\$880,305	74.01%	\$309,178
2014	\$11,817,667	\$6,231,422	52.73%	\$5,586,245

Note

(1) Includes funds from private donors, federal and state grants, and campus general operating funds.

List of Contracts over One Million Dollars Funded with Campus Resources

The following is a list of five contracts executed in this reporting period that are over one million dollars that are funded with campus resources. These contracts were approved by the Board of Trustees.

Institution	Project Name	Amount	Vendor Name
Minnesota State University Moorhead	CMU R&R 1st Floor Renovation	\$1,640,951.38	Terra General Contractors LLC
Metropolitan State University	Parking Ramp-Additional Fund Grant	\$1,618,371.00	AP Midwest LLC Adolfson & Peterson
Metropolitan State University	Maria Avenue Traffic Calming	\$1,241,764.00	AP Midwest LLC Adolfson & Peterson
St Cloud Technical and Community College	Digital Commons Renovation	\$1,229,715.00	Project One Construction Inc.
Rochester Community and Technical College	Stadium Project - City Sales Tax	\$2,654,442.00	Kraus Anderson Construction Company and Derek Cooper

**List of Contracts over One Million Dollars
Funded by GO bond fund, HEAPR and Revenue fund**

The following is a list of 15 contracts that were executed in this reporting period that are over one million dollars that are funded by GO bond fund, HEAPR and Revenue fund. They did not require additional action by Board of Trustees since project funding was approved earlier.

Institution	Project Name	Amount	Vendor Name
Anoka Technical College	Replace and Convert Air Handler Units, Main, PH 2a-b	\$1,050,700.00	Pioneer Power, Inc.
Anoka-Ramsey Community College	Replace Air Handlers, Library	\$1,047,000.00	Master Mechanical, Inc. #69
Bemidji State University	Replace Gillette Rec Center Roof	\$1,548,520.00	Granite City Roofing, Inc.
Central Lakes College	Staples Campus Rightsizing	\$3,200,000.00	McGough Construction Co, Inc.
Metropolitan State University	Science Education Center	\$1,031,945.52	M.A. Mortenson Co.
Metropolitan State University	Parking Ramp	\$1,480,051.00	AP Midwest LLC Adolfson & Peterson
Minnesota State Community & Technical College	Transportation Center	\$8,222,000.00	Gast Construction & Crane Services
Minneapolis Community & Technical College	Workforce Renovation, PH 2	\$2,836,467.00	M.A. Mortenson Co.
Minnesota State University Moorhead	Comstock Memorial Union Renovation	\$4,500,000.00	Terra General Contractors, LLC
Minnesota State University, Mankato	Clinical Sciences Facility	\$33,747,000.00	Shaw Lundquist Assoc., Inc.
Minnesota State University, Mankato	Morris Addition HVAC Upgrade	\$1,031,900.00	Brennan Construction of Minnesota, Inc.
Minnesota State University, Mankato	Dining Hall Construction	\$25,118,040.00	McGough Construction Co, Inc.
Northland Community & Technical College	Aviation Facility Addition & Remodel	\$4,105,952.14	Terra General Contractors, LLC
Riverland Community & Technical College	Albert Lea HVAC PH 2	\$1,257,000.00	M J O'Connor, Inc.
Winona State University	HVAC Replacement PAC PH 3	\$1,184,000.00	Winona Heating & Vent Co.

General Obligation (GO) Bond Fund Program Summary

General Obligation (GO) bonds provide funding for the majority of capital projects on Minnesota State Colleges and Universities 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. In the Minnesota State Colleges and Universities system, this one-third debt service is split between the campus and the system with each paying one-sixth of the overall debt service. 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. Additional funding for these major capital projects may come from private donors, federal and state grants, and campus general operating funds.

The 2010 GO Bond Fund program provided \$52,665,020 for nine projects. Execution of these projects is complete with encumbrances and expenditures at 100%.

The 2011 GO Bond Fund program provided \$101,586,000 for seven projects. Execution of these projects is nearly complete with encumbrances and expenditures at 99.42%. Six projects are in closeout and one project is completed this reporting period.

The 2012 legislature appropriated \$112,126,000 funds for 16 capital projects and five initiative (STEM) projects. Execution of these projects is nearly complete with encumbrances and expenditures are at 98.86%. Three capital and all five STEM projects are completed. 13 capital projects are active, of which one is in design phase awaiting funding for construction.

The 2014 legislature appropriated \$117,321,000 funds for 15 projects. The appropriations were subdivided into 27 capital projects. Execution of the 2014 GO bond projects began in June 2014, and encumbrances and expenditures are at 83.4%. All 27 projects are active of which seven are in design phase awaiting funding for construction.

The 2015 legislature appropriated \$31,943,000 funds for four projects. The appropriation was subdivided into five capital projects. Execution of the 2015 GO bond projects is anticipated to begin shortly.

During this reporting period, there are 51 subdivided GO Bond Fund appropriations, of which 14 have GO Bond Funds in multiple years totaling 39 projects. Included in this report are four projects in A/E selection phase, six in design phase, two in bid/award phase, 18 in construction and nine in closeout. The status of these 39 projects as of June 30, 2015 is on the following pages.

The following section is financial spending graphs for the 2010, 2011, 2012, 2014 and 2015 GO bond funded programs.

44 individual GO Bond Fund and Revenue Fund project details are at the end of this report arranged in alphabetical order by college and university.

General Obligation (GO) Bond Fund Project List

The following is a list of 39 General Obligation bond projects that were active during January 1, 2015 – June 30, 2015. At the end of this report is an Appendix with individual project summaries (two-page pull out sheets). They are 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.

MnSCU Institution Campus/Project	Status
Anoka-Ramsey Community College Coon Rapids Bioscience & Allied Health Addition	<i>Closeout</i>
Anoka Technical College Manufacturing Technology Hub, and Auto Tech Lab Renovation	<i>AE Selection</i>
Bemidji State University Academic Learning Center and Campus Renovation Memorial, Decker Renovation, Sanford Hall Demolition	<i>Design</i> <i>Construction</i>
Central Lakes College Staples Campus Rightsizing Renovation	<i>Construction</i>
Century College Academic Partners Classroom Digital Fab Lab Renovation Kitchen Space Renovation and Renewal Solar Technician Lab Renovation	<i>Closeout</i> <i>Bid/Award</i> <i>Bid/Award</i> <i>Bid/Award</i>
Dakota County Technical College Transportation & Emerging Tech Lab Renovation	<i>Closeout</i>
Hennepin Technical College Learning Resource Center & Student Services Center Renovation	<i>Closeout</i>
Lake Superior College Allied Health (86' Wing) Renovation	<i>Construction</i>
Metropolitan State University St. Paul Science Education Center New Construction	<i>Construction</i>
Minneapolis Community and Technical College Workforce Program Phase 2 Renovation	<i>Construction</i>

Minnesota State College – Southeast Technical	
Red Wing Classroom Renovation	<i>Construction</i>
Winona Science Labs Renovation	<i>Construction</i>
Winona Welding and Mechatronics Renovation	<i>Construction</i>
Minnesota State Community and Technical College	
Moorhead Transportation Center Addition, Renovation and Demolition	<i>Construction</i>
Minnesota State University, Mankato	
Clinical Science Facility New Construction and Renovation	<i>Construction</i>
Minnesota West Community Technical College	
Canby Geothermal System Renovation	<i>AE Selection</i>
Jackson Powerline Technology Training Facility	<i>AE Selection</i>
NHED-Hibbing Community College	
Campus Rightsizing Design, Renovation and Demolition	<i>Design</i>
NHED-Itasca Community College	
Academic Classroom Addition and Renovation	<i>Closeout</i>
Biomass Boiler System	<i>Re-Bid</i>
Wilson Hall Lab Renovation	<i>Construction</i>
NHED-Rainy River Community College	
Nursing Lab Renovation	<i>Construction</i>
NHED-Vermilion Community College	
Art Classroom Renovation	<i>Construction</i>
Natural Science Labs Renovation	<i>Construction</i>
North Hennepin Community College	
Bioscience & Health Careers Addition	<i>Closeout</i>
Northland Community and Technical College	
Thief River Falls Aviation Maintenance Facility Addition and Demolition	<i>Construction</i>
Ridgewater College	
Willmar Tech Instruction Lab Renovation	<i>Closeout</i>
Rochester Community and Technical College	
Plaza and Memorial Halls Demolition Design and Renovation	<i>Design</i>
Workforce Center Co-location	<i>Closeout</i>
St. Cloud State University	
Student Health and Academic Renovation, Eastman Hall	<i>Design</i>

Saint Paul College

Culinary Arts Lab Renovation
Health and Science Alliance Center Addition
Machine Tool Renovation

Construction
Design
Construction

South Central College

Faribault Classroom Renovation & Addition

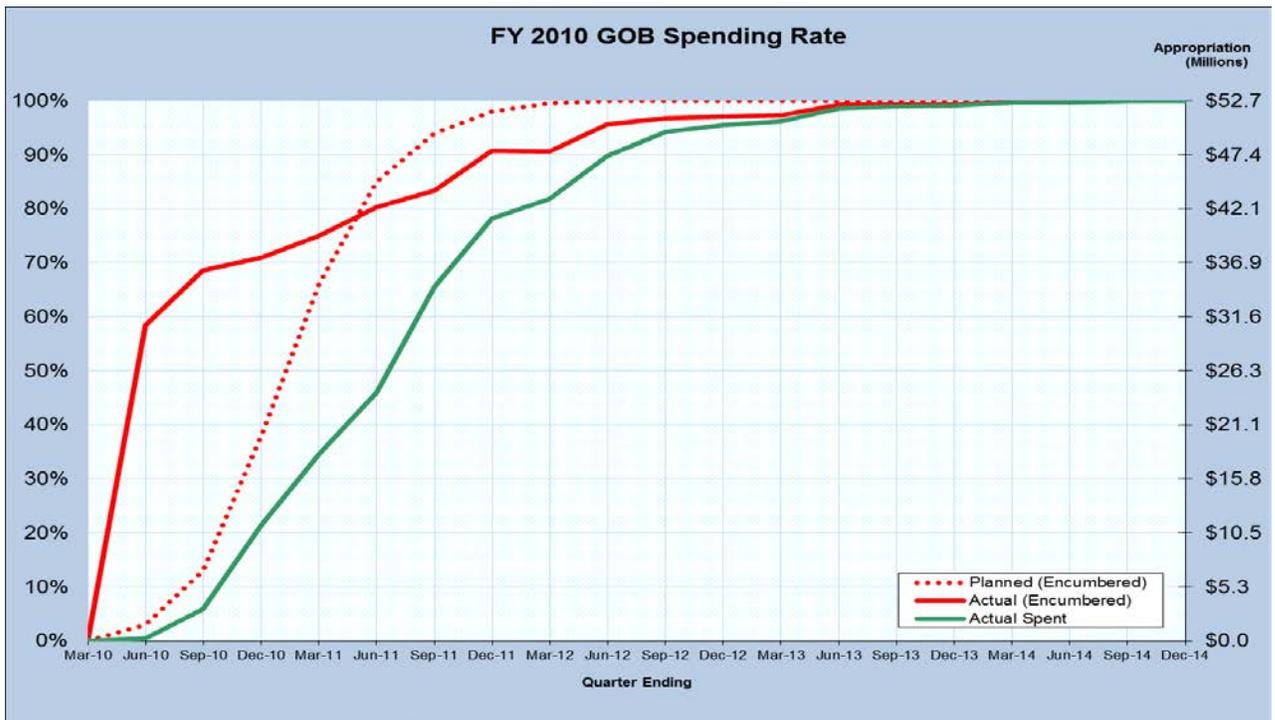
Closeout

Winona State University

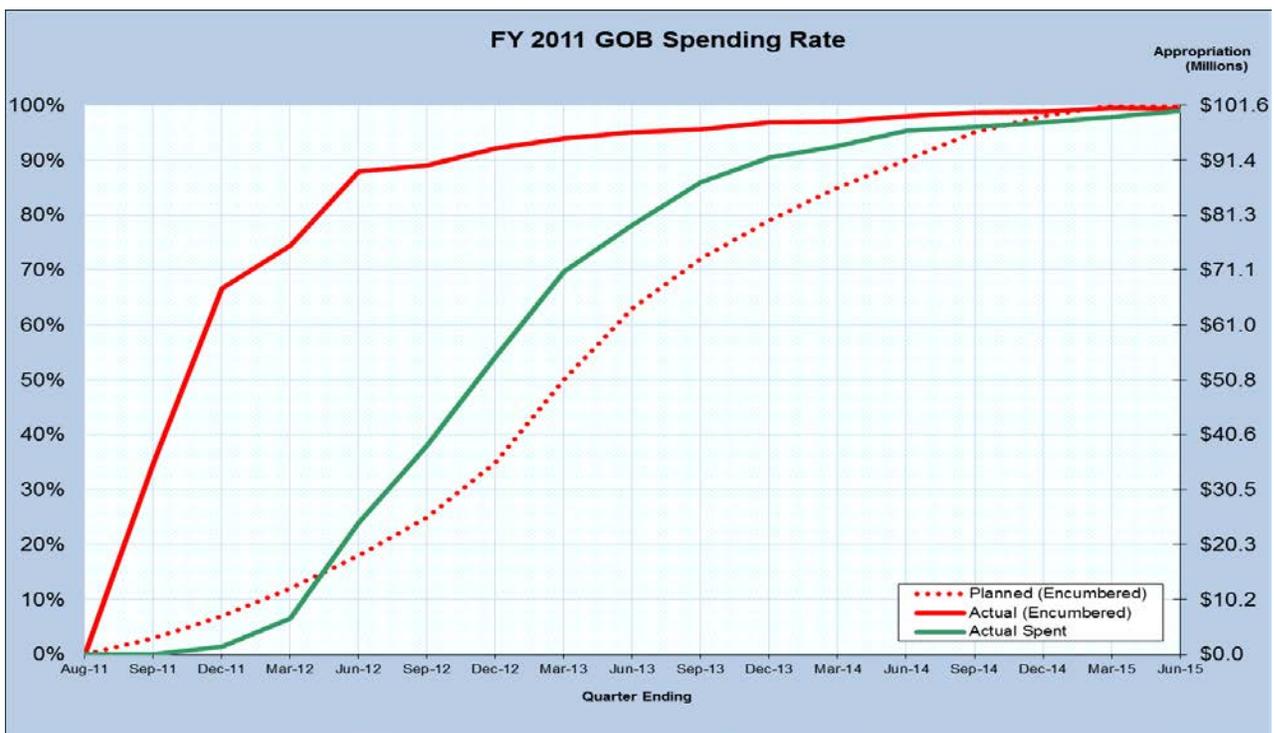
Education Village, Phase I & II, Renovation

Design

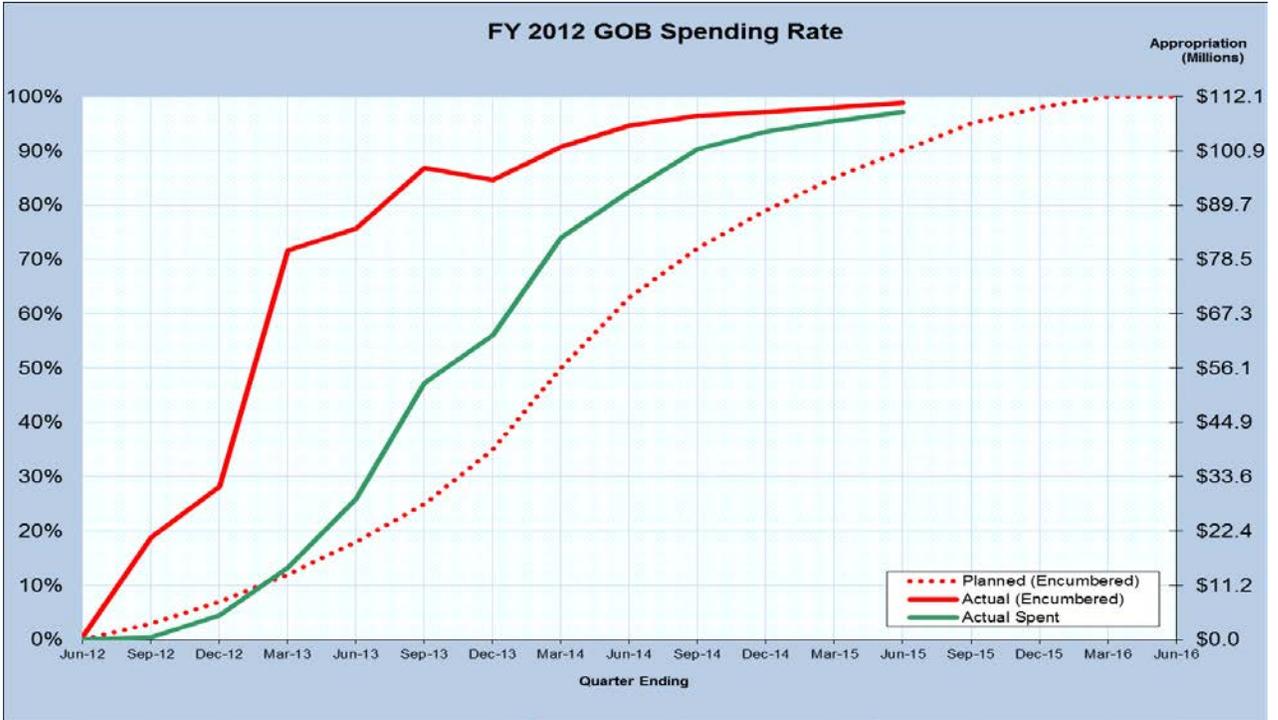
General Obligation (GO) Bond Fund Program Appropriation Spending Rates



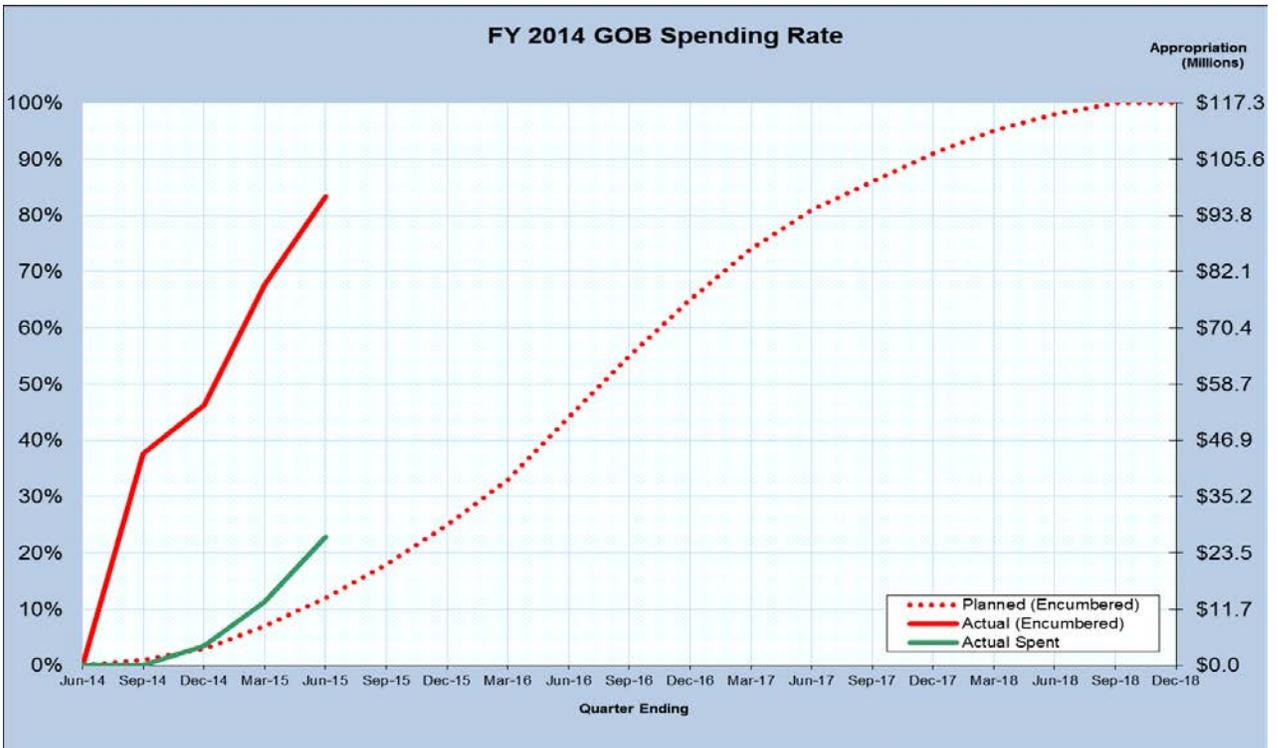
FY 2010 GO bond funds were distributed to the campuses on March 31, 2010. Execution of 9 capital projects and 7 initiative projects is complete with encumbrances and expenditures at 100%.



FY2011 GO bond funds were distributed to the campuses on August 10, 2011. Execution of 7 capital projects is on schedule with encumbrances and expenditures at 99.42%.



The 2012 G.O. bond funds were distributed to the campuses in June 2012. Execution of 16 capital projects and 5 initiative projects is ahead of schedule with encumbrances and expenditures at 98.86%.



The 2014 G.O. bond funds were distributed to the campuses in June 2014. Execution of 11 capital projects and 16 initiative projects is ahead of schedule with encumbrances and expenditures at 83.4%.

**General Obligation Bond Fund (GO)
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.

The system received \$55 million in FY2008 and \$40 million in FY2009. Execution of these projects was completed in previous reporting periods. As the result of legislation in the FY2012 legislative session, \$4,599,910 GO funds from National Hockey Center Renovation at St. Cloud State University were transferred to FY2008 HEAPR account. Encumbrances and expenditures of these transferred funds are at 99.74%.

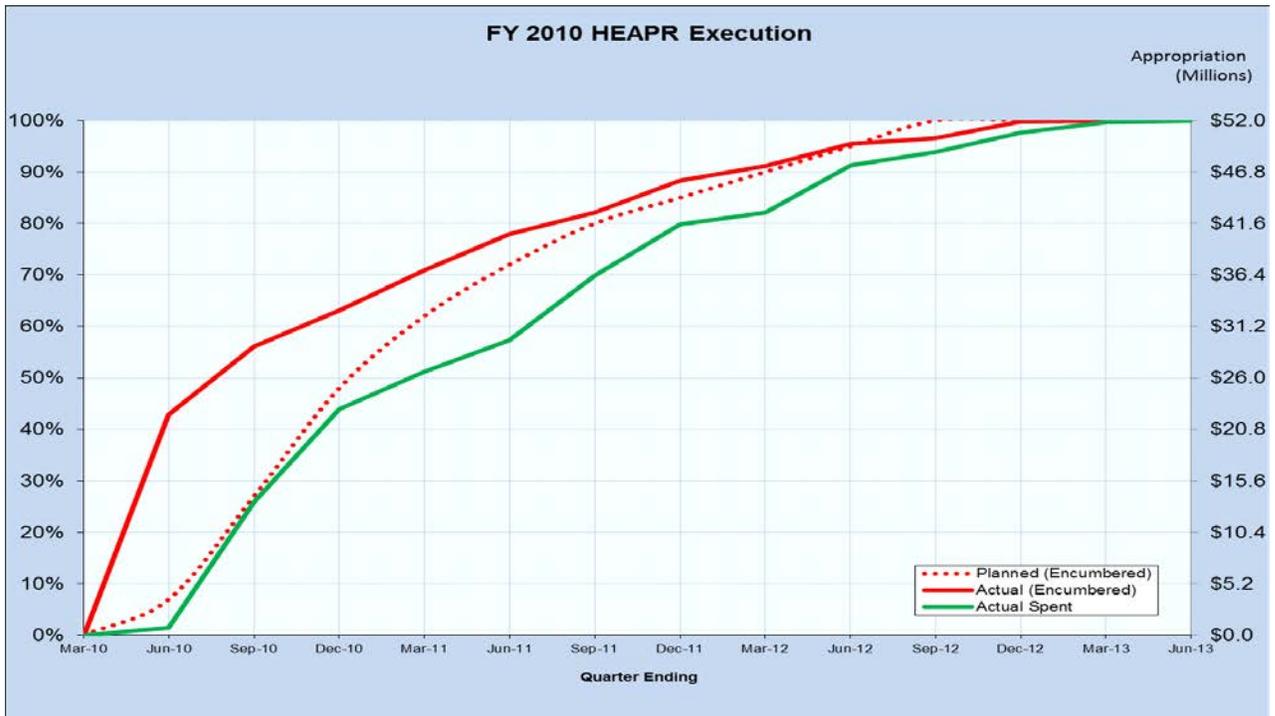
In FY2010, the system received \$52 million for HEAPR improvements. Execution of 154 projects was completed in previous reporting periods.

In FY2011, the system received \$30 million for HEAPR improvements. Execution of 135 projects is almost complete with encumbrances at 99.96% and spending at 99.95%. Milestones dates are 90% encumbered by March 31, 2012 90% spent by September 30, 2012 and 100% spent by December 31, 2012. 133 projects were completed in previous reporting periods and two projects are in closeout.

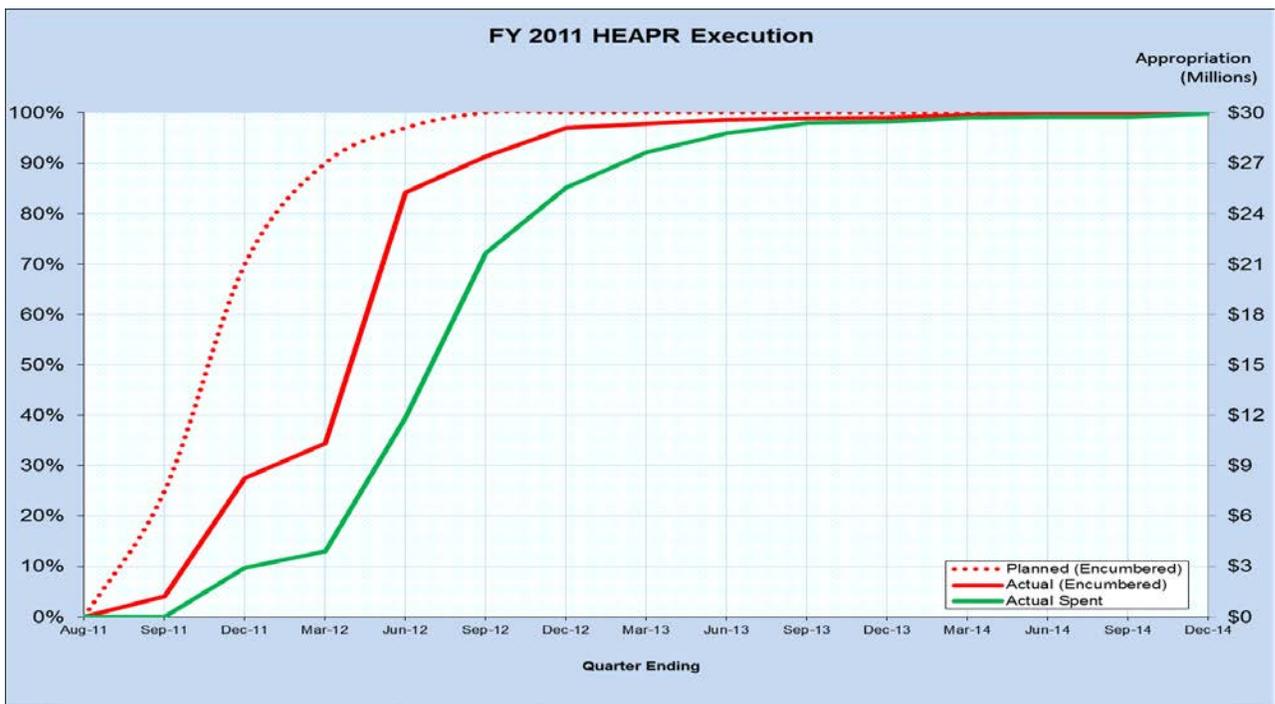
In FY2012, the system received \$20 million for HEAPR improvements. Execution of 68 projects has encumbrances at 99.3% and spending at 95.3% which is behind schedule. Milestones dates are 90% encumbered by March 31, 2013 90% spent by September 30, 2013 and 100% spent by December 31, 2013. 16 projects were completed in this reporting period and 40 projects were completed in previous reporting periods. 12 projects are active.

In FY 2014, the system received \$42.5 million for HEAPR improvement projects. Execution of 56 projects has encumbrances at 66.12% and spending at 24.07% which is behind schedule. One million dollars has been set aside for emergency work. Milestone dates are 90% encumbered by March 31, 2015, 90% spent by September 30, 2015, and 100% spent by December 31, 2015. Four projects were completed in this reporting period and two projects were completed in previous reporting periods. 50 projects are active.

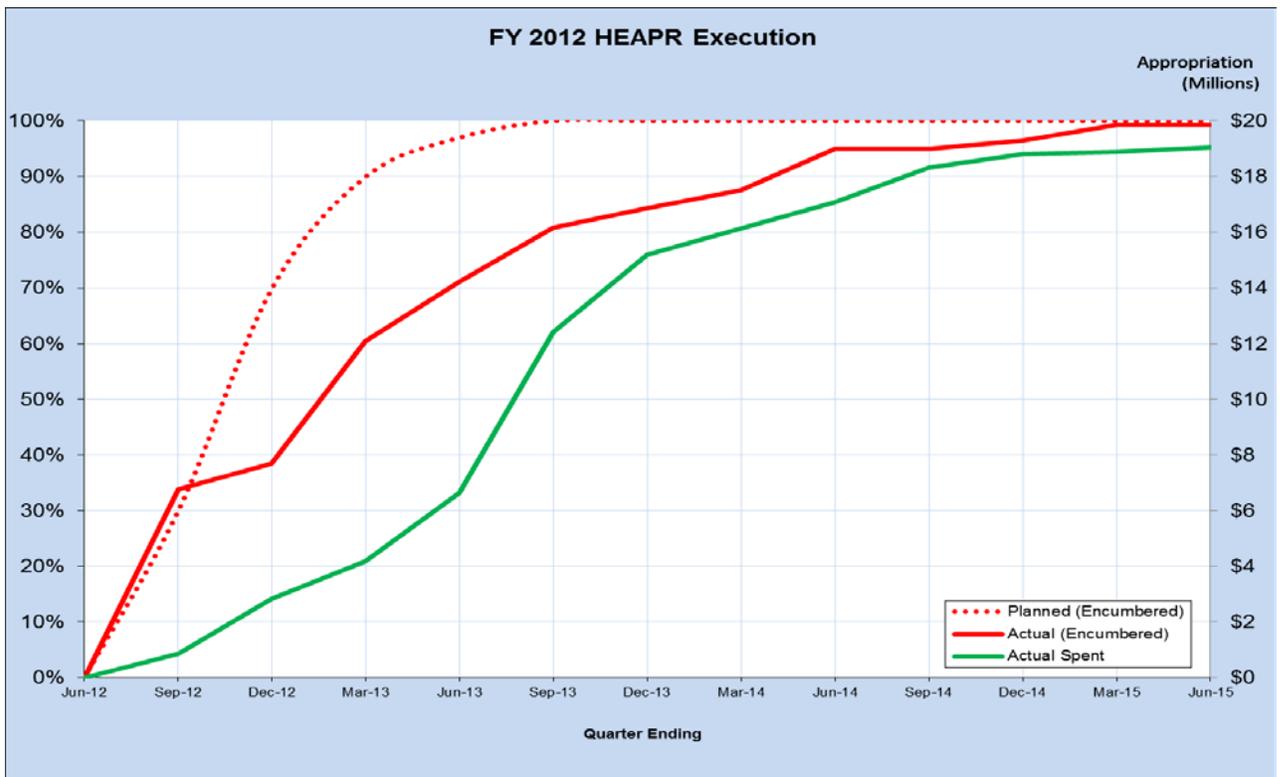
**General Obligation Bond Fund (GO)
Higher Education Asset Preservation and Replacement (HEAPR)
Appropriation Spending Rates**



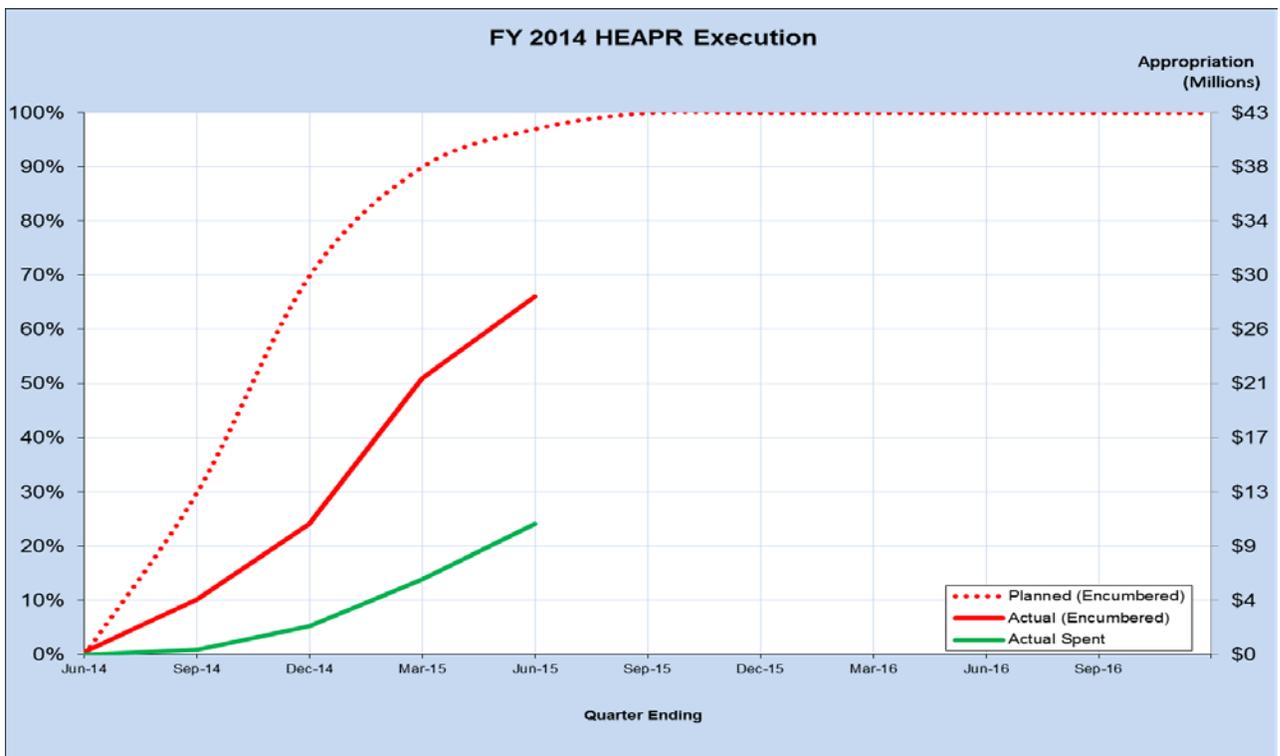
The 2010 HEAPR funds were distributed for initial campus projects on March 31, 2010. Encumbrances and expenditures are now at 100%.



The 2011 HEAPR funds were distributed for initial campus projects on August 10, 2011. Encumbrances for 135 projects are at 100%. The majority of projects were completed prior to 2012 fall session and the remaining contracts are in the process of closing out.



The 2012 HEAPR funds were distributed for initial campus projects on June 8, 2012. Encumbrances are at 99.3% for 68 projects which is behind our goal. All funds have been distributed.



The 2014 HEAPR funds were distributed for initial campus projects on June 8, 2012. Encumbrances are at 66.12% for 56 projects which is behind our goal. **This is**

Revenue Fund Projects Program Summary

The Board of Trustees of the Minnesota State Colleges and Universities 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. The legislatively imposed Revenue Fund bond outstanding debt ceiling is \$405 million.

Execution of the 2011 and prior Revenue Fund programs is complete with encumbrances and expenditures at 100%.

Board of Trustees authorized a \$70 million Revenue Fund bond sale in November 2012 for seven projects. The funds were available March 2013. In this reporting period, two projects are in construction and five projects were completed in the previous reporting period.

Board of Trustees authorized a \$44 million Revenue Fund bond sale in November 2014 for three projects. The funds were available February 2015. In this reporting period, one project is in design and two projects are in construction.

During this reporting period, one Revenue Fund project is active in design and four projects are active in construction. The status of these five projects as of June 30, 2015 is on the following page.

44 individual GO Bond Fund and Revenue Fund project details are at the end of this report arranged in alphabetical order by college and university.

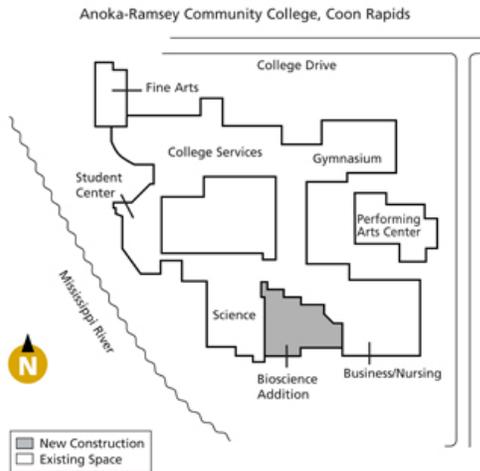
Revenue Fund Projects Project List

The following is list of four active Revenue Fund Projects that were active during January 1, 2015 – June 30, 2015. At this end of this report is Appendix with individual project summaries (two-page pull out sheets). They are 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

MnSCU Institution	Campus/Project	Status
Metropolitan State University	St. Paul Parking Ramp	<i>Construction</i>
	St. Paul Student Center	<i>Construction</i>
Minnesota State University, Mankato	Dining Services Building	<i>Construction</i>
Minnesota State University Moorhead	Comstock Memorial Union Addition and Renovation	<i>Construction</i>
NHED-Vermilion Community College	Student Housing	<i>Design</i>

ANOKA RAMSEY COMMUNITY COLLEGE

Coon Rapids Bioscience & Allied Health Addition Design



CAMPUS PLAN – Coon Rapids

Campus website: www.anokaramsey.edu



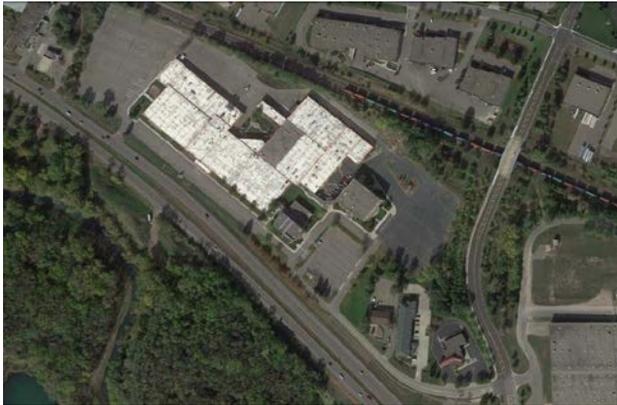
PROJECT DESCRIPTION

As a two level infill between the Science and Nursing Buildings, this project supports converging and emerging S.T.E.M. (Science, Technology, Engineering, and Math) and Allied Health curriculum and programs. The project also provides space for upper division programs and course offerings. The project will provide program space to support the rapidly growing Nursing and Physical Therapy Assistant Programs, the expansion into new allied health areas, and support ARCC's Bioscience initiatives. It provides much needed wet lab and classroom space for the college's rapidly growing existing and new S.T.E.M. programs and courses, provides flexible labs, and lecture space with smart classroom technology. This project will enable ARCC to readily accommodate changing industry needs, student demographics, partnership programs, and the building provides space for a clinic and a simulation lab for medical applications.

The new spaces directly align with the current science labs, making access very efficient. In addition, there are multiple synergies of use, and value-added benefits to developing this project as a largely shared, collaborative and mutually supportive educational space.

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 Anoka Tech's 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 equipment in order to accommodate the increased demand in the program and update curriculum to stay ahead of industry demand.

PROJECT STATUS

AE Selection

PROJECT CONSTRUCTION COMPLETION DATE

April 2017

PROJECT FUNDING

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

\$ 2,114,000 Total

PROJECT HIGHLIGHTS (Phase 1)

Area: Remodel 42,025 GSF
 Estimated Construction Cost: \$1,095,000.00
 Construction Bid Award: NA
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

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

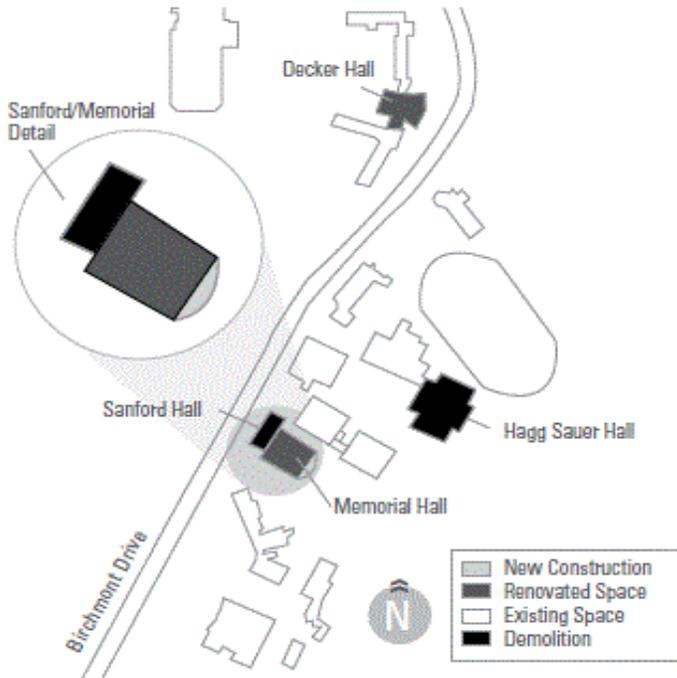
PROJECT SCHEDULE

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	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 and Campus Renovation



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, a 82,500 GSF severely outdated classroom and office space building, with a state-of-the-art 25,000 GSF classroom and learning center. Additionally, significant renovation of 72,100 GSF of existing space on campus will occur in: Bensen Hall, Sattgast Hall, Bridgeman Hall, Bangsford Hall, and A.C. Clark Library.

PROJECT STATUS

Design

PROJECT CONSTRUCTION COMPLETION DATE

March 2018

PROJECT FUNDING

\$ 1,000,000 2014 State G.O. Bonds (Demolition)

\$ 18,097,000 Planned 2016 State G.O. Bonds (Construction)

\$ 19,097,000

PROJECT HIGHLIGHTS

Area: Remodel 72,100 GSF
 New 25,000 GSF
 Demolition 82,500 GSF

Estimated Construction Cost: \$ 14,190,685
 Construction Bid Award: \$ TBD
 Project Delivery Method: Construction Manager at Risk (CM@r)

PROJECT TEAM

Campus Project Manager: Karen Snorek
 SO Program Manager: Kent Dirks
 Architect/Engineer: Bentz / Thompson / Rietow Architects
 Contractor: TBD
 Owner's Representative: AFO Consultants

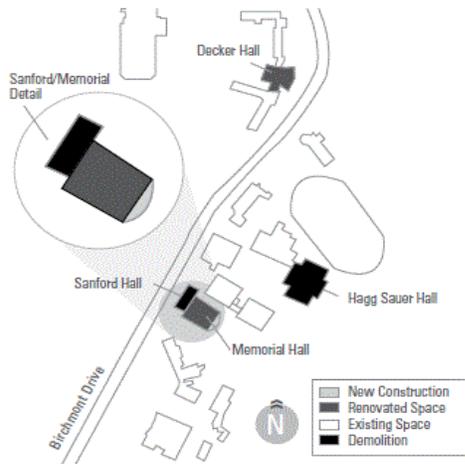
PROJECT SCHEDULE

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

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

BEMIDJI STATE UNIVERSITY

Memorial, Decker Renovation, Sanford Hall Demolition



CAMPUS PLAN - Bemidji

Campus website: www.bemidjistate.edu



Memorial Hall



Decker Hall

PROJECT DESCRIPTION

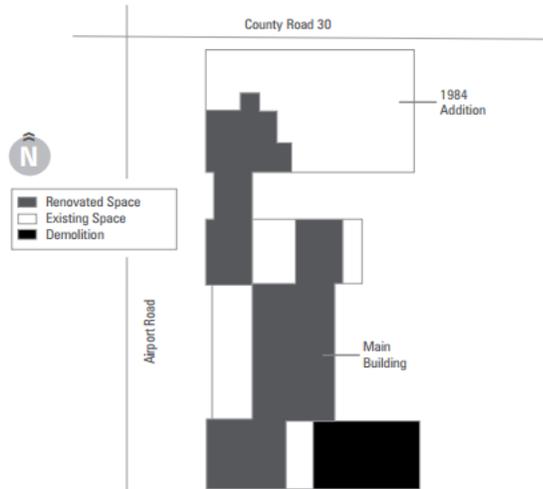
This project provides for the renovation of Memorial and Decker Halls, the demolition of Maple and Sanford Halls and a small addition to Memorial Hall. Design funding for the entire project and funds to demolish Maple Hall have been included in the 2012 Capital Bonding bill. A future capital bonding request for remaining demolition and construction will be requested in 2014.

Memorial Hall renovation addition will accommodate 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 will give the business program the visibility and corporate image it needs to continue its growth.

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

CENTRAL LAKES COLLEGE

Staples Campus Rightsizing Renovation



CAMPUS PLAN – Staples

Campus website: www.clcmn.edu



PROJECT DESCRIPTION

This project reconfigures critical portions of core service functions to provide more efficient and user friendly service, including relocating the Library and Computer Commons to the Student Services area to create a consolidated Learning Commons. It enhances the building's main entrance, renews dining commons, shop areas and main corridors throughout the facility. It includes upgraded facility energy systems to include photovoltaic solar panels and energy efficient windows and doors.

- Renovates core student service functions into a one-stop service center
- Creates a consolidated Learning Commons
- Renovates and renews 64,330 GSF
- Impacts 14 classrooms/labs
- Eliminates \$2.5 million of deferred maintenance backlog
- Includes solar and other alternatives in facility energy systems

PROJECT STATUS

Construction

PROJECT CONSTRUCTION COMPLETION DATE

January 2017

PROJECT FUNDING

\$ 4,581,000 2014 G.O. Bonds (Design & Construction)

PROJECT HIGHLIGHTS

Area: Remodel 64,330 GSF
 Estimated Construction Cost: \$ 2,881,560
 Construction Bid Award: \$ 2,721,560
 Project Delivery Method: Construction Manager at Risk (CM@r)

PROJECT TEAM

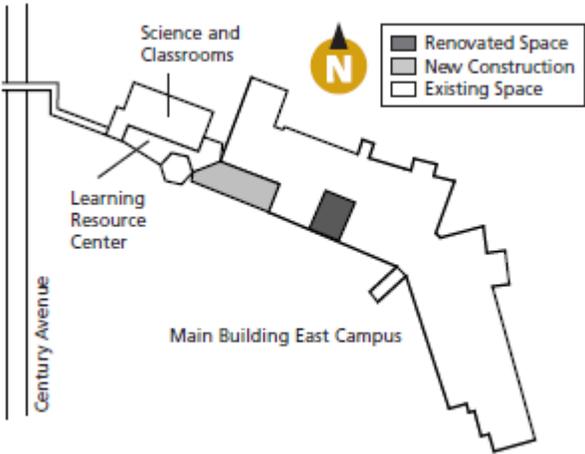
Campus Project Manager: Kari Christiansen
 SO Program Manager: Kent Dirks
 Architect/Engineer: Foss Architects and Interiors
 Contractor: McGough
 Owner's Representative: Hansen Consulting

PROJECT 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	J	A	S	O	N	D												
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				SD																																											
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CENTURY COLLEGE

Academic Partners Classroom Addition



CAMPUS PLAN – White Bear Lake

Campus website: www.century.edu



PROJECT DESCRIPTION

This Project designs, constructs, renovates, furnishes, and equips classrooms and related spaces. The addition is for approximately 8,300 GSF to include six technology enhanced classrooms. The addition will encompass the existing walkway between the Science/Library addition and where it exits the existing east campus building. The renovation will upgrade approximately 9,200 GSF of spaces on the third floor on the east campus to consolidate the Dental Program.

PROJECT STATUS

Closeout

PROJECT CONSTRUCTION COMPLETION DATE

September 2014

PROJECT FUNDING

\$ 318,000 Campus Funds (Design)
\$5,000,000 2012 State G.O. Bonds (Construction)
 \$5,318,000 Total

PROJECT HIGHLIGHTS

Area: New 8,320 GSF; Remodel 9,240 GSF
 Estimated Construction Cost: \$3,700,000
 Construction Bid Award: \$3,469,000
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Pat Opatz
 SO Program Manager: Jim Morgan
 Architect/Engineer: Leo A. Daly
 Contractor: Jorgenson Construction Inc.
 Owner's Representative: Bossardt Corp.

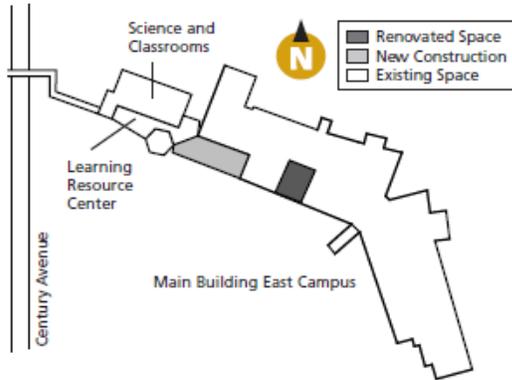
PROJECT SCHEDULE

2011				2012				2013				2014				2015																									
J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
					AE			SD			DD	CD	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		

CENTURY COLLEGE

Digital Fab Lab Renovation
Kitchen Space Renovation and Renewal
Solar Technician Lab Renovation



CAMPUS PLAN – White Bear Lake

Campus website: www.century.edu



PROJECT DESCRIPTION

This project bundles three initiatives together for efficiency and to lower costs for design and construction. The combined project renovates a large section of the second floor east campus, which previously housed several classrooms, a vacated dental lab and an underutilized classroom kitchen. With the renovation of 3,450 square feet, the new Fabrication and Innovation Lab combines the original “Kitchen/Classroom” proposal with the “Fab Lab” proposal into an integrated classroom and lab space. In addition to the Fabrication and Innovation Lab, the space will include a classroom and a lab for Engineering. To create this space, the current kitchen, which housed now defunct Culinary Arts programs as well as a service area, reduced to serve only as a service kitchen. The College investment to make up the difference for improvements to the service kitchen. The Solar Lab project will renovate 1,200 square feet of space on the first floor vacated by the Fab Lab. The new space will provide opportunities for improved instructional techniques through the use of mobile workstations that reproduces the work environment of photovoltaic solar installers and makes better use of the limited space.

The restrooms adjacent to the current kitchen, which is the main restrooms for the east wing, will be upgraded with College funds as part of the project. The College also intends to improve the appearance of the corridor adjacent to the Fabrication and Innovation Lab, requiring additional College funds.

PROJECT STATUS

Bid/Award

PROJECT CONSTRUCTION COMPLETION DATE

January 2016

PROJECT FUNDING

\$2,020,000 2014 State G.O. Bonds (Design/Construction)

\$1,200,000 Campus Funds

\$3,220,000 Total

PROJECT HIGHLIGHTS

Renovation: 17,700 GSF
 Estimated Construction Cost: \$1,806,000
 Construction Bid Award: \$1,967,200
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Pat Opatz
 SO Program Manager: Jim Morgan
 Architect/Engineer: LHB
 Contractor: Morcon Construction
 Owner's Representative: NA

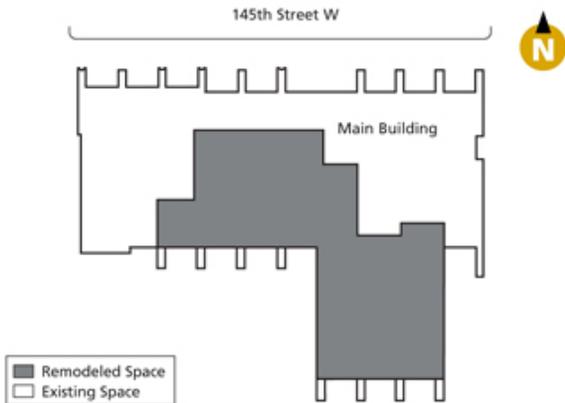
PROJECT SCHEDULE

2014					2015					2016							
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
				AE	DSN					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



CAMPUS PLAN - Rosemount

Campus website: www.dctc.edu



PROJECT DESCRIPTION

This project is phase 2 for renovation of the Heavy Duty Truck program, Heavy Construction Equipment program, multiuse classrooms, and common use spaces. 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 renovation aims to maximize space utilization by creating common classroom and laboratory spaces for related academic programs, thereby eliminating redundancies in specialized large equipment needs. 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.

PROJECT STATUS

Design

PROJECT CONSTRUCTION COMPLETION DATE

April 2017

PROJECT FUNDING

\$ 200,000 2008 State G.O. Bonds (Design) Phase 1 & 2
 \$ 7,230,000 2012 State G.O. Bonds (Design & Construction) Phase 1
\$ 7,430,000 2015 State G.O. Bonds (Design & Construction) Phase 2
 \$14,860,000

PROJECT HIGHLIGHTS

Area: Remodel 68,000 GSF
 Estimated Construction Cost: \$6,070,000
 Construction Bid Award: TBD
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Paul DeMuth
 SO Program Manager: Karen Huiett
 Architect/Engineer: TKDA Architects and Engineers
 Contractor: TBD
 Owner's Representative: TBD

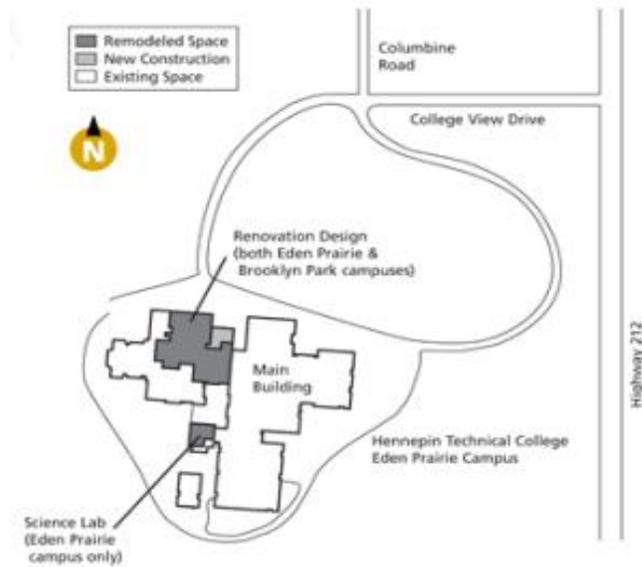
PROJECT SCHEDULE

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						
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		

HENNEPIN TECHNICAL COLLEGE

Learning Resource Center & Student Service Center Renovation



CAMPUS PLAN – Brooklyn Park and Eden Prairie

Campus website: www.hennepintech.edu



PROJECT DESCRIPTION

This is Phase 2 of a two phase project. Phase 1 of this project, completed in December 2009, included renovation for a science labs suite at the Eden Prairie campus, science labs at both campuses and design for Phase 2. Phase 2 consists of small additions for main entrances and construction renovations for the Library/Learning Resource Centers (LRC), Student Services and Bookstore areas at both the Eden Prairie and Brooklyn Park campuses. Phase 2 will provide new, updated main entrances to both campuses as well as significant remodeling for improved student facilities.

PROJECT STATUS

Closeout

PROJECT CONSTRUCTION COMPLETION DATE

May 2013

PROJECT FUNDING

\$ 600,000 2008 State G.O. Bonds (Design)
\$10,566,000 2011 State G.O. Bonds (Construction)
 \$11,166,000

PROJECT HIGHLIGHTS

Area: New 3,200 GSF; Remodel 46,000 GSF
 Estimated Construction Cost: \$8,100,000
 Construction Bid Award: \$7,996,000
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

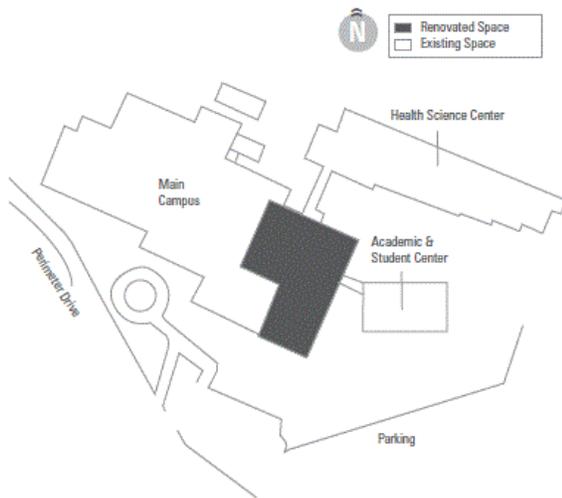
Campus Project Manager: Diane Paulson
 SO Program Manager: Barry Schaub
 Architect/Engineer: DLR Group
 Contractor: LS Black Constructors
 Owner's Representative: Construction Consulting Partners

PROJECT SCHEDULE

2008				2009				2010				2011				2012				2013				2014				2015											
F	F	M	A	F	F	M	A	F	F	M	A	F	F	M	A	F	F	M	A	F	F	M	A	F	F	M	A	F	F	M	A	F	F	M	A				
									</																														

LAKE SUPERIOR COLLEGE

Allied Health (86' Wing) Renovation



CAMPUS PLAN - Duluth

Campus website: www.lsc.edu



PROJECT DESCRIPTION

Design, renovate, furnish and equip the Allied Health (86' Wing). This is Phase 2 of the Health Science Center, which renovates, remodels and updates approximately 41,000 GSF of classrooms and labs in the Allied Health and Science programs in the '86 Wing of the main building. Phase 1 was completed in August of 2011. The renovation will create opportunities for hands-on training in Physical Therapist Assistant, Dental Hygiene, Massage Therapist, Nursing Assistant and Radiologic Technology. The project focuses on updating outdated facilities by upgrading technology to meet 2014 educational standards, as well as to simulate current technology used within Allied Health and science facilities. The project will also provide larger general classrooms to improve utilization ratios, and general use/support spaces to accommodate continued high enrollment in allied health programs.

PROJECT STATUS

Construction

PROJECT CONSTRUCTION COMPLETION DATE

August 2015

PROJECT FUNDING

\$ 77,000 2006 State G.O. Bonds (Design)
 \$ 127,000 2010 State G.O. Bonds (Design)
\$ 5,226,000 2014 State G.O. Bonds (Design/Construction)
 \$ 5,430,000 Total

PROJECT HIGHLIGHTS

Area: Remodel 41,000 GSF
 Estimated Construction Cost: \$4,048,000
 Construction Bid Award: \$3,872,000
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Gary Adams
 SO Program Manager: Jim Morgan
 Architect/Engineer: LHB Architects and Engineers
 Contractor: Kraus Anderson
 Owner's Representative: Pegasus Group

PROJECT SCHEDULE

2006				2007				2014				2015																
A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
AE		SD								DD	CD	BA					CON								CO			

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

METROPOLITAN STATE UNIVERSITY

St. Paul Parking Ramp



CAMPUS PLAN – St. Paul

Campus website: www.metrostate.edu



PROJECT DESCRIPTION

This project designs, constructs, and equips a new 750 stall parking ramp on the Metropolitan State University campus. This is designed to address accommodate current as well as future growth of the university. The new parking ramp will be 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 will consist of four levels of parking while the portion near Maria will be five levels, accommodating approximate 750 cars that would allow for a future 5th deck and a phase 2 addition, to create a total of approximately 1,090 parking stalls. Additionally, approximately 123 stalls of surface parking will be developed in conjunction with the ramp. Design of the parking ramp will be coordinated with the design of a new student center.

PROJECT STATUS

Construction

PROJECT CONSTRUCTION COMPLETION DATE

July 2015

PROJECT FUNDING

\$19,199,000 2013 Revenue Bonds (Design/Construction)

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

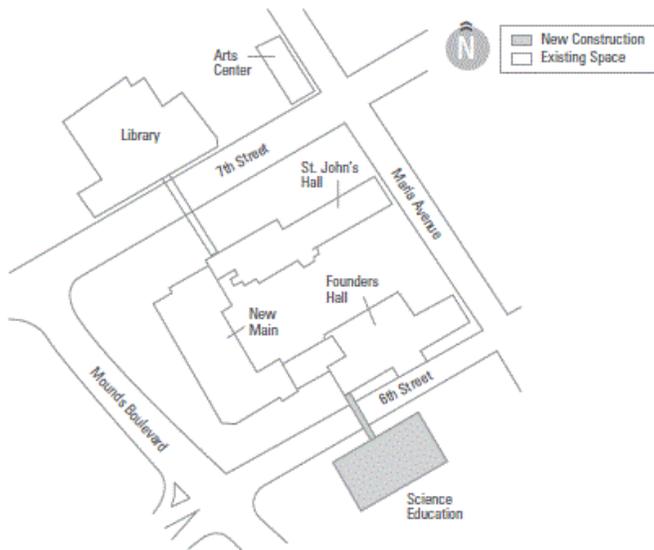
PROJECT ACTUAL/FORECAST SCHEDULE

2012				2013				2014				2015																	
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		SD	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 Science Education Center New Construction



CAMPUS PLAN – St. Paul

Campus website: www.metrostate.edu



PROJECT DESCRIPTION

This Project consists of design, construct, furnish and equip a new 59,000 gross square foot Science Education Center Building. Included in the scope of work is remodeling of 3,600 assignable square feet of existing. The Science Education Center will be linked to the other campus buildings by a skyway for safety and efficient use of inter-departmental space sharing.

Science Education Center will provide the science facilities necessary to support our rapidly growing Nursing and Health Science programs. Metropolitan State currently offers three Science degrees (Biology (BA); Biology (BS); and Life Sciences Teaching (BS)) and two minors (Chemistry and Physics), taught in under-equipped and under-sized labs on two campuses. It will support five additional degrees: Earth and Space Teaching (BS), Earth Science (BS), Chemistry Teaching (BS), Chemistry (BS), and Environmental Studies (BA).

METROPOLITAN STATE UNIVERSITY

St. Paul Student Center



CAMPUS PLAN – St. Paul

Campus website: www.metrostate.edu



PROJECT DESCRIPTION

To designs, constructs, and equips a new Student Center on the Metropolitan State University campus. The Student Center building will be approximately of 29,400 sf on two levels, located East 7th Street, midway between Maria Avenue to the west and Bates Avenue to the east. The Student Center will provide students a unique set of services and spaces that currently do 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

Construction

PROJECT CONSTRUCTION COMPLETION DATE

November 2015

PROJECT FUNDING

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

\$11,704,982 Total

PROJECT HIGHLIGHTS

Area: New 27,000 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: Dan Hambrock
 SO Program Manager: Jim Morgan
 Architect/Engineer: BWBR
 Construction Manager: Adolfsen & Peterson Construction
 Owner's Representative: CPPI

PROJECT ACTUAL/FORECAST SCHEDULE

2012				2013				2014				2015				2016																			
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		

MINNEAPOLIS COMMUNITY AND TECHNICAL COLLEGE

Workforce Program Phase 2 Renovation



CAMPUS PLAN - Minneapolis

Campus website: www.minneapolis.edu



PROJECT DESCRIPTION

The project will provide air conditioning for the lower levels of the T Building and Bowman Hall. The project also includes security system upgrades at the lower level access, repairs to the deteriorating T Building street level masonry planters, and rehabilitation to the receiving dock drive, walkway, security, drainage, and enclosing masonry walls.

PROJECT STATUS

Construction

PROJECT CONSTRUCTION COMPLETION DATE

December 2015

PROJECT FUNDING

\$ 400,000 2008 State G.O. Bonds (Design Phase 1 & Phase 2)
\$3,600,000 2012 State G.O. Bonds (Design/Construction)
 \$4,000,000 Total

PROJECT HIGHLIGHTS

Area: Renovate 90,470 GSF
 Estimated Construction Cost: \$2,900,000
 Construction Bid Award: \$2,836,467
 Project Delivery Method: Construction Manager at Risk

PROJECT TEAM

Campus Project Manager: Scott Erickson
 SO Program Manager: Jim Morgan
 Architect/Engineer: Cunningham Group
 Construction Manager: Mortenson
 Owner's Representative: Pegasus Group

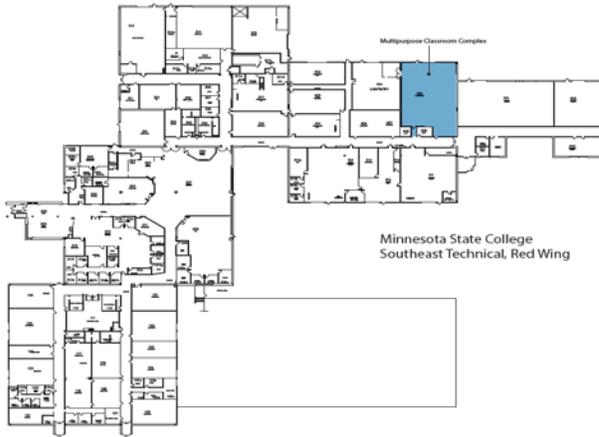
PROJECT SCHEDULE

2008	2009				2010-2013				2014				2015				2016																						
S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
AE	SD								DD				CD	BA	CON				CO																				

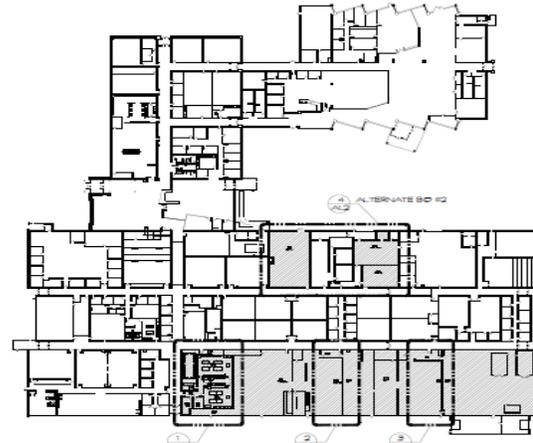
AE	Architectural/Engineering Design Consultant Selection	BA	Bidding and Award
SD	Schematic Design Phase	CON	Construction
DD	Design Development Phase	CO	Project Close out
CD	Construction Document Phase		

MINNESOTA STATE COLLEGE – SOUTHEAST TECHNICAL

Red Wing Multi-Purpose Classroom Renovation
Winona Science Labs Renovation
Winona Welding and Mechatronics Renovation



Red Wing



Winona

CAMPUS PLAN – Red Wing and Winona

Campus website: www.minneapolis.edu



PROJECT DESCRIPTION

The project at the Red Wing Campus renovates and repurposes 3,000 sq. ft. of space formerly used by the carpentry program that has been suspended on the Red Wing Campus due to extremely low demand. The project will modernize 20 year old lab space into multi-purpose smart classrooms, converts storage space into needed high tech classroom space, and provides flexibility of multi-use space that will serve all academic programs of the college.

The two projects at Winona Campus renovate and repurpose vacated auto tech and auto body program space into 4,000 sq. ft. of lab space for the new Medical Lab Technician program and Phlebotomy Technician program; and, 7,250 sq. ft. of lab space for Welding and Mechatronics programs.

PROJECT STATUS

Red Wing Winona
 Construction Construction

PROJECT CONSTRUCTION COMPLETION DATE

Red Wing Winona
 August 2015 August 2015

PROJECT FUNDING

\$1,700,000 2014 State G.O. Bonds (Design & Construction)
 \$1,700,000 Total

PROJECT HIGHLIGHTS

	<u>Red Wing</u>	<u>Winona</u>
Area:	Renovate 3,000 GSF	Renovate 11,250
Estimated Construction Cost:	\$425,000	\$ 841,410
Construction Bid Award:	\$480,400	\$ 879,900
Project Delivery Method:	Design/Bid/Build	Design/Bid/Build

PROJECT TEAM

	<u>Red Wing</u>	<u>Winona</u>
Campus Project Manager:	Mike Kroening	Mike Kroening
SO Program Manager:	Karen Huiett	Karen Huiett
Architect/Engineer:	BTR Architects	OWA Architects
General Contractor:	Jorgenson Construction	Schwab LLC

PROJECT SCHEDULE

Red Wing - Classroom Renovation

2014					2015					2016													
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	CD	BA	CON	CO														

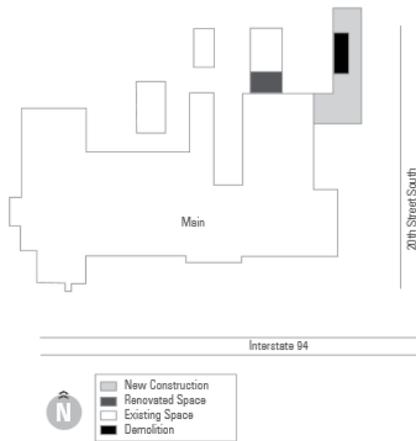
Winona - Medical/Phlebotomy Labs & Welding/Mechatronics Labs

2014					2015					2016													
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	CD	BA	CON	CO														

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

MINNESOTA STATE COMMUNITY AND TECHNICAL COLLEGE

Moorhead Transportation Center Addition, Renovation and Demolition



CAMPUS PLAN - Moorhead

Campus website: www.minnesota.edu



PROJECT DESCRIPTION

This project is to design and construct of an expansion to the Transportation Center 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 of approximately 21,191 square feet and renovation of 1,017 square feet of existing laboratory space. The two new laboratories will be used by the diesel technology program to accommodate modern larger diesel agriculture, construction and transportation equipment, and to relieve unsafe congestion in the existing laboratories.

PROJECT STATUS

Construction

PROJECT CONSTRUCTION COMPLETION DATE

June 2016

PROJECT FUNDING

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

PROJECT HIGHLIGHTS

Area: New 21,191 GSF Renovation 1,017
 Estimated Construction Cost: \$ 4,882,657
 Construction Bid Award: \$4,111,000
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Matt Sheppard
 SO Program Manager: Kent Dirks
 Architect/Engineer: JLG Architects
 Contractor: Gast General Contractors
 Owner's Representative: CPMI

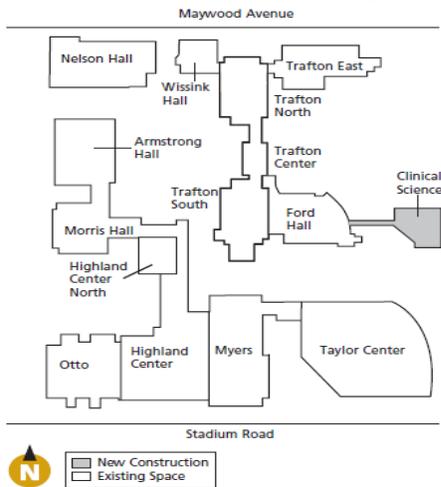
PROJECT SCHEDULE

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

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

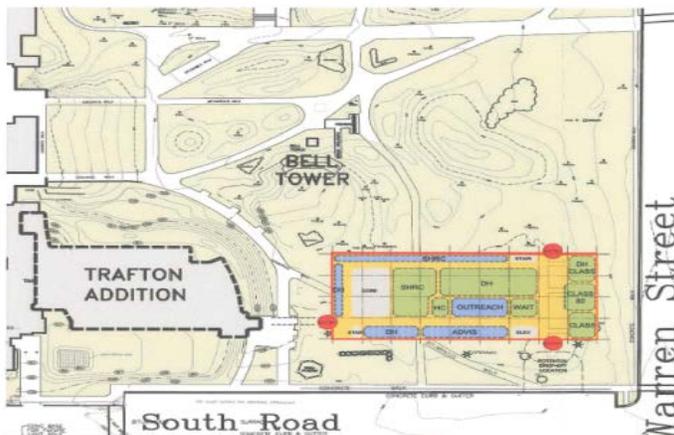
MINNESOTA STATE UNIVERSITY, MANKATO

Clinical Sciences Facility New Construction and Renovation



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. The project includes new classroom and laboratory building spaces and remodeling of vacated and occupied spaces after construction of the new facility. The project will consolidate portions of academic programs from eight separate buildings across the campus into a new building to improve working and learning relationships among multiple related departments in the University.

The project will provide faculty and administrative offices, teaching laboratories, classrooms, student/faculty interaction spaces, and some new space types currently not available. 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 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 project plan will complete design of both the new facility and the remodeled areas with funds appropriated from the 2012 legislative session. Bidding and construction funds for the new building were appropriated from the 2014 legislative session and bidding and construction funds for the remodeling are anticipated from the 2016 legislative session.

PROJECT STATUS

Construction

PROJECT CONSTRUCTION COMPLETION DATE

July 2016

PROJECT FUNDING

\$ 2,065,000 2012 State G.O. Bonds (Design)
 \$25,818,000 2014 State G. O. Bonds (Construction)
\$ 1,000,000 University Funds
 \$ 36,865,000 Total

PROJECT HIGHLIGHTS

Area: 79,022 GSF with full basement shell space
 Estimated Construction Cost: \$23,493,820
 Construction Bid Award: \$22,747,000
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Paul Corcoran
 SO Program Manager: Barry Schaub
 Architect/Engineer: Perkins and Will
 Contractor: Shaw-Lundquist Associates, Inc.
 Owner's Representative: NA

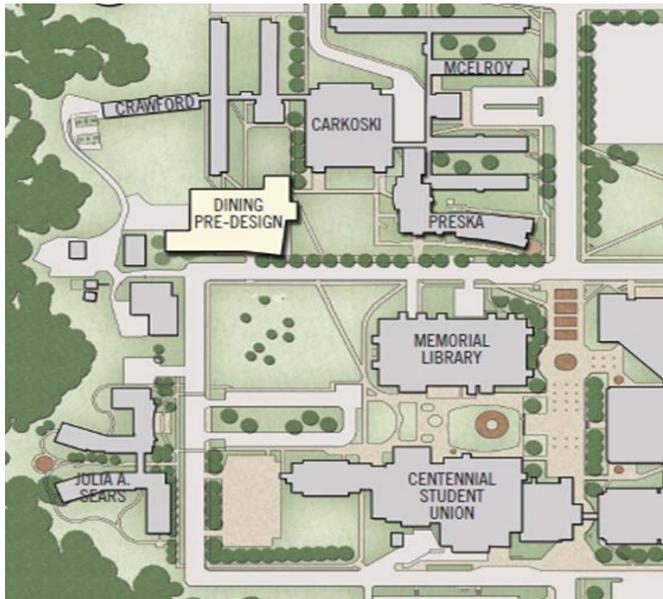
PROJECT SCHEDULE

2012					2013					2014					2015					2016															
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																						

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 of approximately 60,600 GSF.

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

Construction

PROJECT CONSTRUCTION COMPLETION DATE

December 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: TBD
 Project Delivery Method: Construction Manager at Risk

PROJECT TEAM

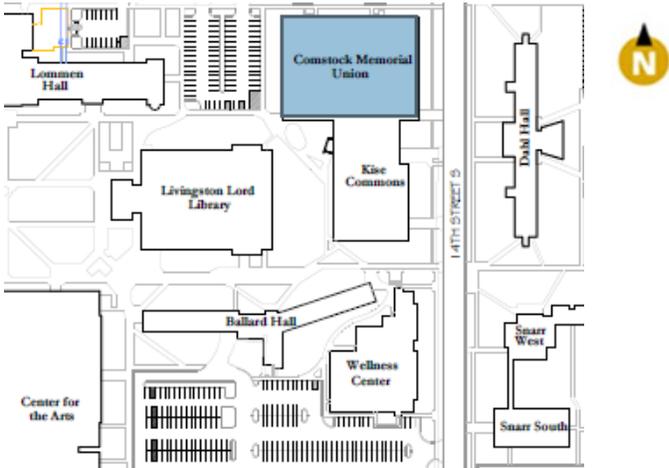
Campus Project Manager: Richard Wheeler
 SO Program Manager: Barry Schaub
 Architect/Engineer: Bentz, Thompson, Rietow, Inc.
 Construction Manager: McGough Construction
 Owner's Representative: NA

PROJECT SCHEDULE

2013					2014					2015					2016					2017																						
J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
												</																														

MINNESOTA STATE UNIVERSITY MOORHEAD

Comstock Memorial Union Addition and Renovation



CAMPUS PLAN - Moorhead

Campus website: www.mnstate.edu



PROJECT DESCRIPTION

This project designs, furnishes and equips a 5,500 gross square feet addition and 37,000 gross square feet of renovation of Comstock Memorial Union. While providing gathering and socializing spaces, the new and renovated spaces will; improve visual connections throughout the building to student involvement programs, update finishes, lighting, HVAC, fires alarm systems and improve ADA accessibility throughout.

MINNESOTA WEST COMMUNITY AND TECHNICAL COLLEGE

Canby Geothermal HVAC System

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

AE Selection

PROJECT CONSTRUCTION COMPLETION DATE

September 2016

PROJECT FUNDING

\$ 857,000 2015 State G.O. Bonds

\$ 857,000 Total

PROJECT HIGHLIGHTS

Area: Not Applicable
 Estimated Construction Cost: TBD
 Construction Bid Award: TBD
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Lori Voss
 SO Program Manager: Barry Schaub
 Architect/Engineer: TBD
 Contractor: TBD
 Owner's Representative: TBD

PROJECT SCHEDULE

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

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

MINNESOTA 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 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 facility 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. Funds were appropriated for the design and construction work by the 2015 special legislative session.

PROJECT STATUS

AE Selection

PROJECT CONSTRUCTION COMPLETION DATE

July 2017

PROJECT FUNDING

\$ 2,410,000 2015 State G.O. Bonds

\$ 2,410,000 Total

PROJECT HIGHLIGHTS

Area: Demolition 18,500 GSF
 New 10,900 GSF

Estimated Construction Cost: TBD

Construction Bid Award: TBD

Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Lori Voss

SO Program Manager: Barry Schaub

Architect/Engineer: TBD

Contractor: TBD

Owner's Representative: TBD

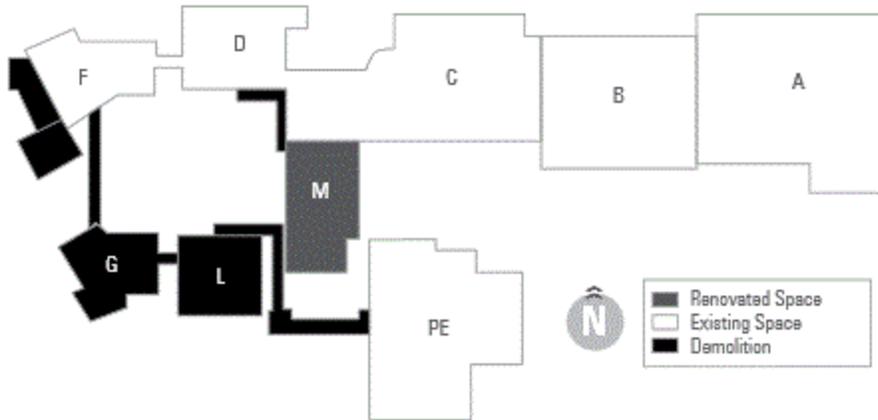
PROJECT SCHEDULE

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																				

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 - HIBBING COMMUNITY COLLEGE

Campus Renovation and Rightsizing

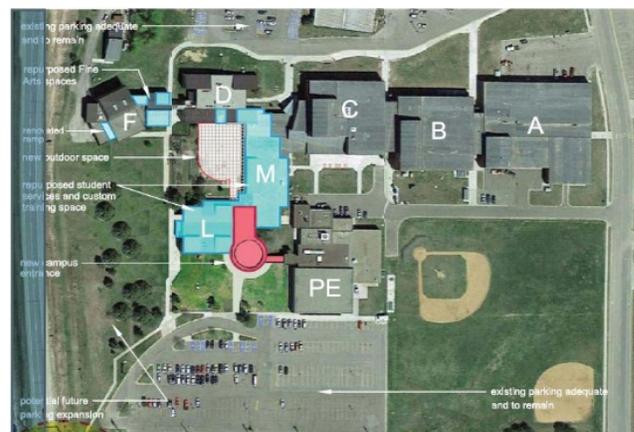


CAMPUS PLAN – Hibbing, MN

Campus website: www.hibbing.edu



Demolition



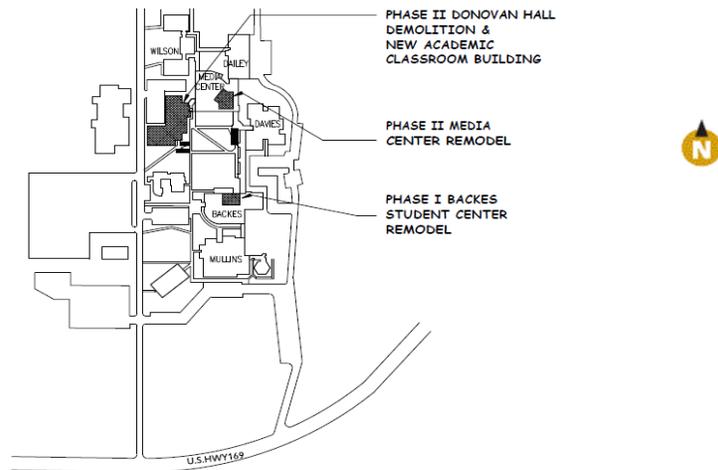
Renovation & Addition

PROJECT DESCRIPTION

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.

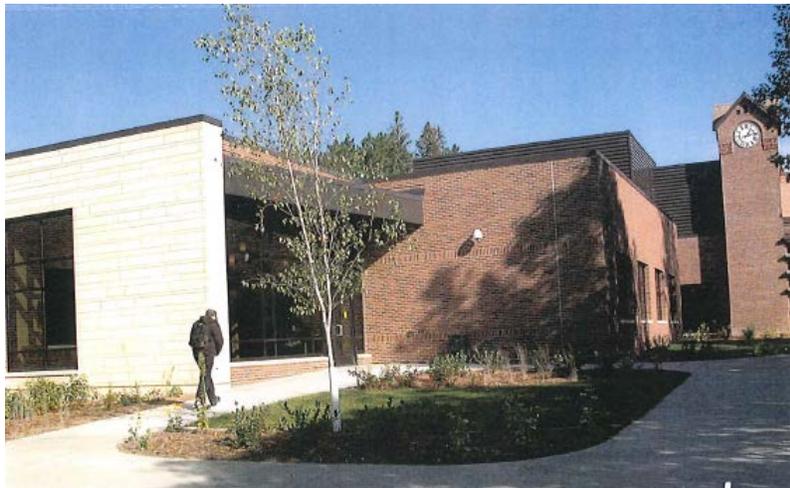
NHED - ITASCA COMMUNITY COLLEGE

Academic Classroom Addition and Renovation



CAMPUS PLAN – Grand Rapids, MN

Campus website: www.itasca.edu



PROJECT DESCRIPTION

This project completes the design, renovates, furnishes, and equips existing instructional and student services spaces, to design, construct, furnish, and equip an addition with multipurpose classrooms, and to demolish Donovan Hall. The new academic classroom building of approximately 12,434 SF will provide several high tech, flexible instructional classroom spaces, computer lab, forestry lab, faculty suites and support spaces. The renovation in the Media Center will consist of approximately 2,160 GSF to provide multipurpose open lab and the renovation in the Backes Center of approximately 1,210 GSF will provide improvements to the student support spaces. The existing 20,224 GSF Donovan Hall will be demolished.

PROJECT STATUS

Closeout

PROJECT CONSTRUCTION COMPLETION DATE

July 2014

PROJECT FUNDING

\$ 180,000 IRRRB Grant for (Demolition)
 \$ 250,000 Blandin Corp. Grant (FF&E)
\$4,549,000 2012 State G.O. Bonds (Design & Construction)
 \$4,979,000 Total

PROJECT HIGHLIGHTS

Area: New 12,434 GSF; Remodel 3,370 GSF
 Estimated Construction Cost: \$3,405,000
 Construction Bid Award: \$3,633,900
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Karen Kedrowski
 SO Program Manager: Jim Morgan
 Architect/Engineer: Foss Architecture & Interiors
 Contractor: Hawk Construction, Inc.
 Owner's Representative: Hansen Construction Consulting, Inc.

PROJECT SCHEDULE

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

NHED - ITASCA COMMUNITY COLLEGE

Biomass Boiler System



CAMPUS PLAN – Grand Rapids, MN

Campus website: www.itasca.edu



PROJECT DESCRIPTION

Design and install a new woody biomass boiler system for the purpose of creating a national woody biomass energy demonstration and educational site in support of Minnesota’s wood product industry. This project will replace ICC’s existing outdated wood boiler with “state of the art” woody biomass energy conversion equipment and will position ICC to serve as a regional and national model for the effective use of woody biomass, to further develop educational opportunities and training in renewable energies, and serve as a potential applied research lab for evaluating woody biomass fuel products.

Additional 2014 HEAPR funds have been provided to replace the 48 year old steam boiler, which have exceeded their live expectancy, with two condensing hot water condensing boilers. This will simplify the central plant operations by converting everything to hot water verses partial hot water with the new Biomass boiler and steam to hot water conversion with the existing gas boilers.

PROJECT STATUS

Re-Bid

PROJECT CONSTRUCTION COMPLETION DATE

December 2015

PROJECT FUNDING

\$ 965,000 2014 State G.O. Bonds (Design & Construction)
 \$ 449,757 2014 HEAPR (Design & Construction)
 \$1,414,757 Total

PROJECT HIGHLIGHTS

Area: Remodel 1,859 GSF
 Estimated Construction Cost: \$750,000
 Construction Bid Award: TBD
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Chad Haatvedt
 SO Program Manager: Jim Morgan
 Architect/Engineer: Stanley Consultants
 Owner's Representative: NA

PROJECT SCHEDULE

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
	AE				DSN						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		

NHED - ITASCA COMMUNITY COLLEGE

Wilson Hall Lab Renovation



CAMPUS PLAN – Grand Rapids, MN

Campus website: www.itasca.edu



PROJECT DESCRIPTION

This project designs and renovates 1,859 square feet of biology lab space located in Wilson Hall. This lab space has not seen any significant upgrades since 1971. The current condition and learning environment of this lab presents an inflexible, outdated learning environment that is not easily accessible to students, nor does it provide the technology needed to engage students in active learning.

PROJECT STATUS

Construction

PROJECT CONSTRUCTION COMPLETION DATE

August 2015

PROJECT FUNDING

\$631,000 2014 State G.O. Bonds (Design & Construction)
\$243,503 2014 HEAPR (Asbestos Abatement)
 \$874,503 Total

PROJECT HIGHLIGHTS

Area: Remodel 1,859 GSF
 Estimated Construction Cost: \$580,000
 Construction Bid Award: \$549,600
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Karen Kedrowski
 SO Program Manager: Jim Morgan
 Architect/Engineer: Architectural Resources, Inc.
 Contractor: Hawk Construction, Inc.
 Owner's Representative: NA

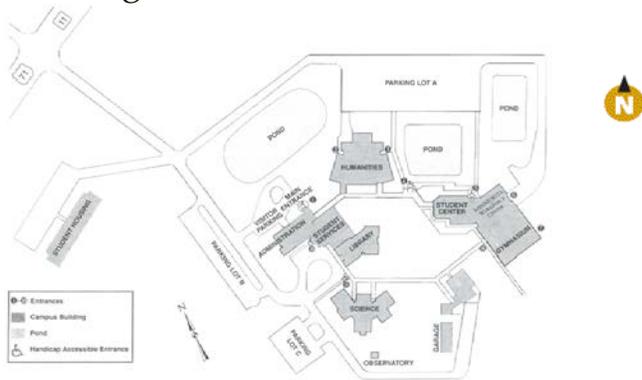
PROJECT SCHEDULE

2014												2015											
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
										AE	DSN		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		

NHED - RAINY RIVER COMMUNITY COLLEGE

Nursing Lab Renovation

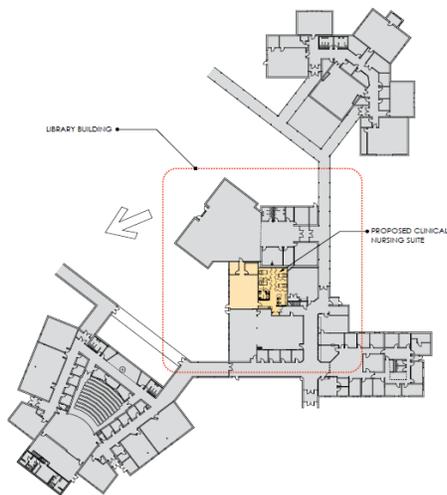


CAMPUS PLAN – International Falls, MN

Campus website: www.rainyriver.edu

STEM - Clinical Nursing Lab/Classroom Renovation

PROPOSED SITE PLAN



PROJECT DESCRIPTION

This project designs and renovates the Nursing Clinical Skills Lab is to offer the students a fully equipped, state-of-the-art environment that promotes clinical practice in a professional setting which fosters learning. Once the skills have been mastered, the students can demonstrate and be evaluated by the faculty on the learned skills.

PROJECT STATUS

Construction

PROJECT CONSTRUCTION COMPLETION DATE

August 2015

PROJECT FUNDING

\$311,000 2014 State G.O. Bonds (Design & Construction)

\$311,000 Total

PROJECT HIGHLIGHTS

Area: Remodel 1,920 GSF
 Estimated Construction Cost: \$195,000
 Construction Bid Award: \$169,950
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Karen Kedrowski
 SO Program Manager: Jim Morgan
 Architect/Engineer: Architectural Resources, Inc.
 Contractor: Up North Builders
 Owner's Representative: NA

PROJECT SCHEDULE

2014												2015											
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
								AE	DSN							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		

PROJECT STATUS

Construction

PROJECT CONSTRUCTION COMPLETION DATE

August 2015

PROJECT FUNDING

\$1,050,000 2014 State G.O. Bonds (Design & Construction)

\$1,050,000 Total

PROJECT HIGHLIGHTS

Area: Remodel 7,142 GSF
 Estimated Construction Cost: \$800,000
 Construction Bid Award: \$769,000
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Dave Marshall
 SO Program Manager: Jim Morgan
 Architect/Engineer: Architectural Resources, Inc.
 Contractor: T.L. Construction, Inc.
 Owner's Representative: NA

PROJECT SCHEDULE

2014												2015											
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
								AE	DSN						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		

NHED - VERMILION COMMUNITY COLLEGE

Student Housing



CAMPUS PLAN – Ely, MN

Campus website: www.vcc.edu



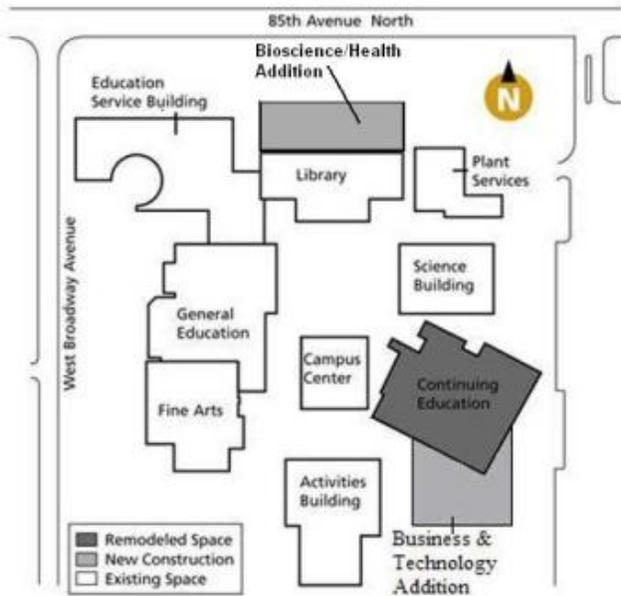
PROJECT DESCRIPTION

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 15 townhouses, each townhouse will have the capacity for 8 students. Three townhouses are combined to form a building and there are five 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 bathrooms off the bedroom), coat closet and a storage room. A mechanical room for each townhouse will be accessible from the exterior only.

NORTH HENNEPIN COMMUNITY COLLEGE

Bioscience and Health Careers Addition



CAMPUS PLAN - Brooklyn Park

Campus website: www.nhcc.edu

Webcam: <http://www.nhcc.edu/contact-us/campus-maps/bhcc>



PROJECT DESCRIPTION

The project will support the increasing need for bio-scientists, nurses and lab technicians through a variety of course offerings, degree programs, research capabilities, grant opportunities, workforce training and student success programs.

This project will provide state-of-the-art laboratories, flexible classrooms, science preparation and instrumentation rooms, nursing simulation center, resource areas, offices, student support areas and storage areas for biology, chemistry, nursing and medical laboratory technician programs. Within this facility, the college will be able to expand existing programs, build new programs and support and collaborate with other MnSCU institutions.

PROJECT STATUS

Closeout

PROJECT CONSTRUCTION COMPLETION DATE

June 2014

PROJECT FUNDING

\$ 250,000 Campus Funds (Design)
 \$ 596,880 2008 State G.O. Bonds (Design)
\$26,292,000 2012 State G.O. Bonds (Design & Construction)
 \$27,138,880 Total

PROJECT HIGHLIGHTS

Area: New 64,800 GSF
 Estimated Construction Cost: \$21,400,000
 Construction Bid Award: \$21,645,000
 Project Delivery Method: Construction Manager at Risk

PROJECT TEAM

Campus Project Manager: Dan Hall
 SO Program Manager: Benjamin Ystenes
 Architect/Engineer: Perkins & Will
 Construction Manager: Mortenson Construction
 Owner's Representative: Pegasus Group

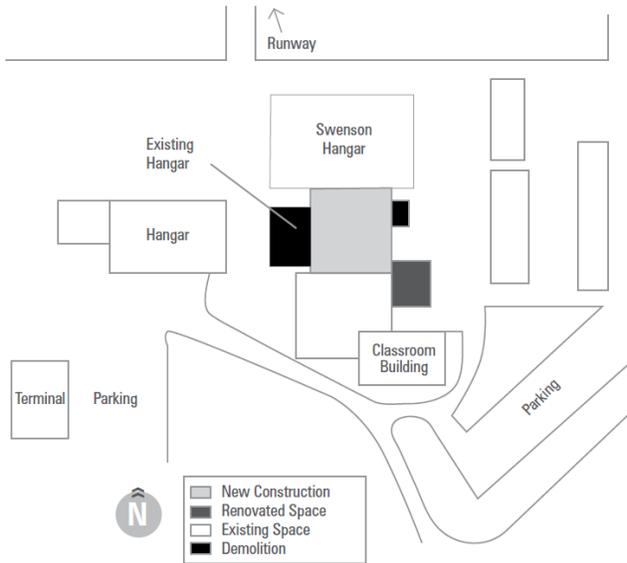
PROJECT SCHEDULE

2008				2009				2010				2011				2012				2013				2014				2015							
F	M	A	M	F	M	A	M	F	M	A	M	F	M	A	M	F	M	A	M	F	M	A	M	F	M	A	M	F	M	A	M	F	M	A	M
				AE	SD																														

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

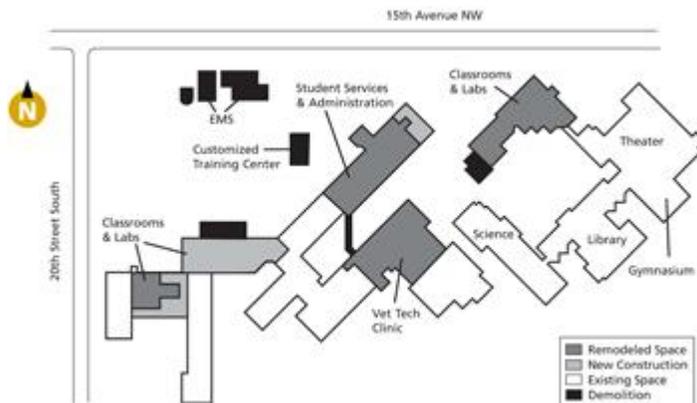


PROJECT DESCRIPTION

This project designs and renovates the existing Aviation Maintenance Technology (AMT) facilities at the NCTC airport campus. Existing facility is inadequately designed to support the future needs of the Unmanned Aerial Systems (UAS) and Imagery Analyst (IA) programming and need to be replaced. Additionally, campus airport facilities must be 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 hangers will be demolished. A new multi-purpose structure connecting the Aviation Classroom Building with the Swenson Hangar will be constructed. The existing Recip Hangar will be renovated to be used as consolidated storage space. This project will allow for future training and partnerships within the industry; and, ultimately ensure that NCTC will have a significant influence in the UAS and aviation industry.

RIDGEWATER COLLEGE

Willmar Technical Instruction Lab Renovation



CAMPUS PLAN - Willmar

Campus website: www.ridgewater.edu

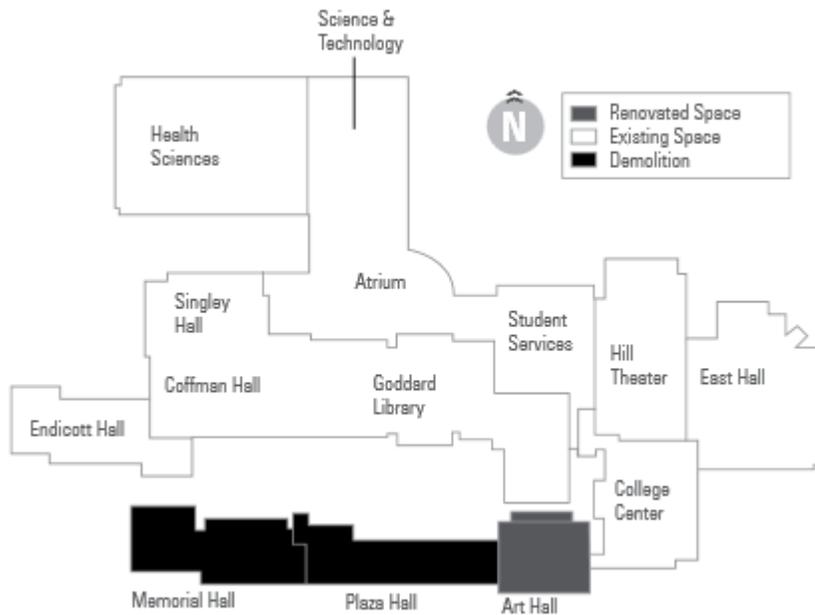


PROJECT DESCRIPTION

This is Phase 2 of a two phase project. Phase 1 of this project, completed in October 2010 included an addition for new instructional space for the insurance claim representative program and customized training, demolition of several 1950's facilities and remodeling for the electricians and cosmetology program spaces. Phase 1 also included Schematic Design phase for Phase 2. The Phase 2 project will complete the design and renovation of spaces for agriculture, veterinary technology, a redesigned student services area, an updated campus entry and demolition of obsolete and poor condition facilities.

ROCHESTER COMMUNITY AND TECHNICAL COLLEGE

Plaza and Memorial Halls Demolition Design and Renovation



CAMPUS PLAN - Rochester

Campus website: www.rctc.edu

PROJECT DESCRIPTION

This project provides for the demolition design 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

PROJECT CONSTRUCTION COMPLETION DATE

TBD

PROJECT FUNDING

\$ 1,000,000 2014 State G.O. Bonds (Design)
\$20,385,000 Planned 2016 Capital Budget Request (Construction)
 \$21,385,000 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: TBD

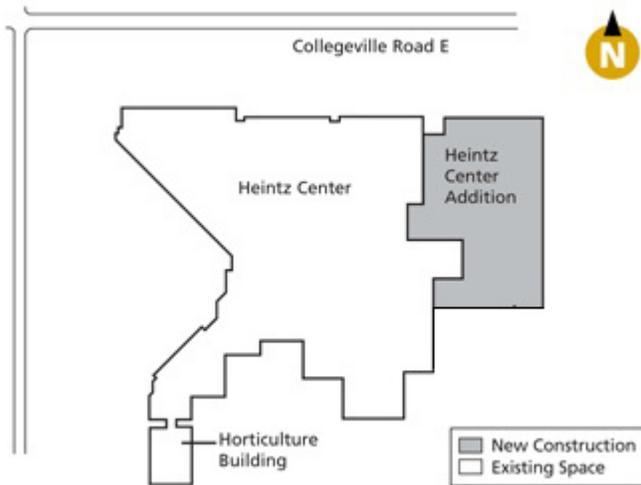
PROJECT SCHEDULE

2015				2016				2017				2018											
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	CON	CON	CON	CON	CON	CON	CON	CON	CON	CON	CON	CON

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

Workforce Center Co-location



CAMPUS PLAN - Rochester

Campus website: www.rctc.edu



PROJECT DESCRIPTION

This project designs and constructs an addition to the Heintz Center building for the co-location of facilities for the Rochester Workforce Center to provide a one-stop approach to deliver services and learning opportunities. The project will also provide infrastructure upgrades to the Heintz Center building cooling systems.

PROJECT STATUS

Closeout

PROJECT CONSTRUCTION COMPLETION DATE

July 2014

PROJECT FUNDING

\$ 200,000 2008 State G.O. Bonds (Design)
\$8,746,000 2012 State G.O. Bonds (Design & Construction)
 \$8,946,000

PROJECT HIGHLIGHTS

Area: New 23,000 GSF; Remodel 5,000 GSF
 Estimated Construction Cost: \$6,200,000
 Construction Bid Award: \$6,305,000
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Shayn Jensson
 SO Program Manager: Barry Schaub
 Architect/Engineer: BWBR Architects
 Contractor: Knutson Construction
 Owner's Representative: Pegasus Group

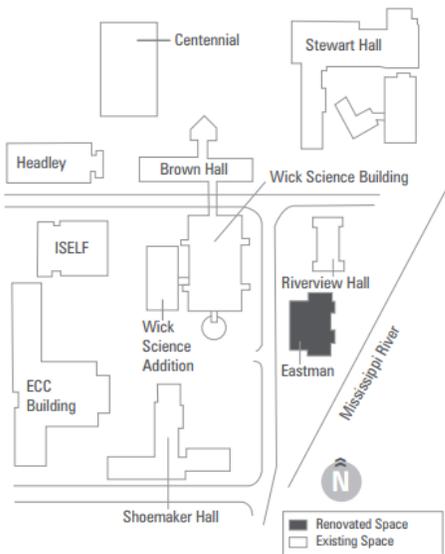
PROJECT SCHEDULE

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

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

ST. CLOUD STATE UNIVERSITY

Student Health and Academic Renovation, Eastman Hall



CAMPUS PLAN – St. Cloud

Campus website: www.stcloudstate.edu



PROJECT DESCRIPTION

Renovation of Eastman Hall will create greater integration of academic and student service programs. The location of School of Health and Human Services, Human Performance Lab, Student Health Services, and the U-Choose Program in 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.

- Co-locates 4 student health services programs in a facility currently not in use
- Renovates 43,291 GSF
- Constructs 15,562 GSF in mezzanine area, while keeping the building's footprint the same
- Eliminates \$3.8 million of deferred maintenance backlog
- Strengthens ties with local medical communities
- Utilizes existing space for additional square footage without creating new footprint

PROJECT STATUS

Design

PROJECT CONSTRUCTION COMPLETION

August 2017

PROJECT FUNDING

\$ 865,000 2014 State G.O. Bonds (Design)

\$18,572,000 Planned 2016 State G.O. Bonds (Design & Construction)

\$19,437,000

PROJECT HIGHLIGHTS

Area: Renovation 43,291 GSF; New 15,562 GSF
 Estimated Construction Cost: \$ 11,363,360
 Construction Bid Award: TBD
 Project Delivery Method: Construction Manager at Risk

PROJECT TEAM

Campus Project Manager: John Frischmann
 SO Program Manager: Kent Dirks
 Architect/Engineer: RSP Architects
 Construction Manager: Terra General Contractors
 Owner's Representative: Pegasus Group

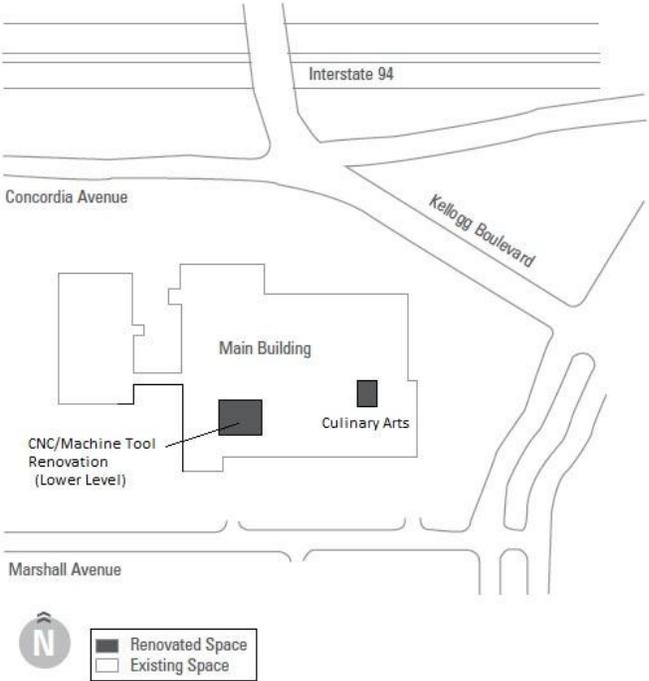
PROJECT SCHEDULE

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	J	A	S	O	N	D	
				AE	SD	SD	SD	SD	SD	SD	SD	CD	CD	CD	CD	CD	CD	CD	CD	CD	CD	CD	BA	CON	CON	CON	CON	CON	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		

SAINT PAUL COLLEGE

Culinary Arts Lab Renovation



CAMPUS PLAN – St. Paul

Campus website: www.saintpauledu

PROJECT DESCRIPTION

This project designs, renovates, furnishes and equips classroom and lab spaces for the Culinary Arts Renovation project at Saint Paul College. The Culinary Arts project will renovate classroom and kitchen spaces to allow for program expansion and more flexible space. Flexible space will improve the degree to which current spaces are used, increase space utilization, increase academic and space efficiency, and reduce costs. Funds were appropriated for this project by the 2014 legislative session and some additional funds will be allocated for the Culinary Arts project by the College.

PROJECT STATUS

Construction

PROJECT CONSTRUCTION COMPLETION DATE

August 2015

PROJECT FUNDING

\$ 750,000 2014 State G.O. Bonds (Design/Construction)
 \$ 165,590 College Funds for Culinary Arts Renovation (Design/Construction)
 \$ 560,000 2014 HEAPR Funds (Construction)
 \$ 1,475,590 Total

PROJECT HIGHLIGHTS

Area: Remodel 3,800 GSF
 Estimated Construction Cost: \$648,000
 Construction Bid Award \$1,197,800
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Daniel Kirk
 SO Program Manager: Barry Schaub
 Architect/Engineer: TKDA
 Contractor: Parkos Construction Co.
 Owner's Representative: AFO Consultants

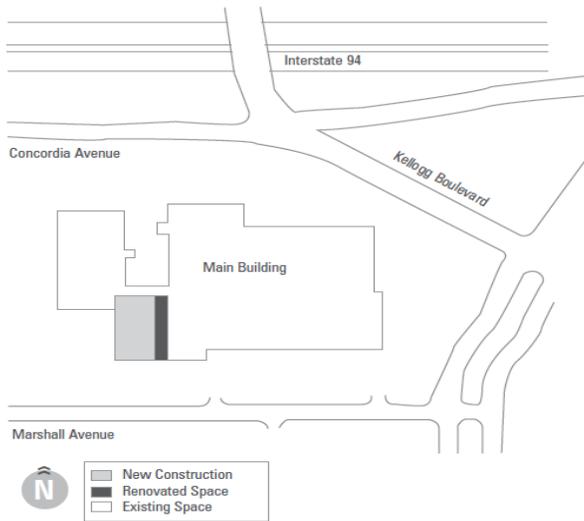
PROJECT SCHEDULE

2014												2015											
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
						AE	SD	DD	CD	B		CON	CO										

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

SAINT PAUL COLLEGE

Health and Science Alliance Center Addition



CAMPUS PLAN – St. Paul

Campus website: www.saintpauledu



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

Design

PROJECT CONSTRUCTION COMPLETION DATE

April 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

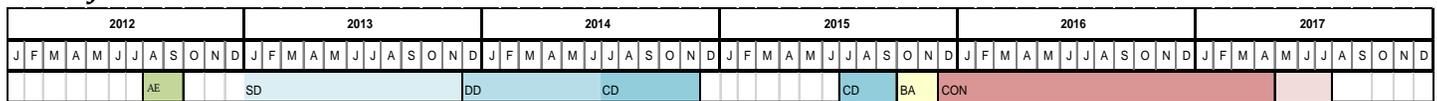
PROJECT HIGHLIGHTS

Area: New 39,037 GSF; Remodel 5,630 GSF
 Estimated Construction Cost: \$12,000,000 Preliminary
 Construction Bid Award: TBD
 Project Delivery Method: Construction Management at Risk

PROJECT TEAM

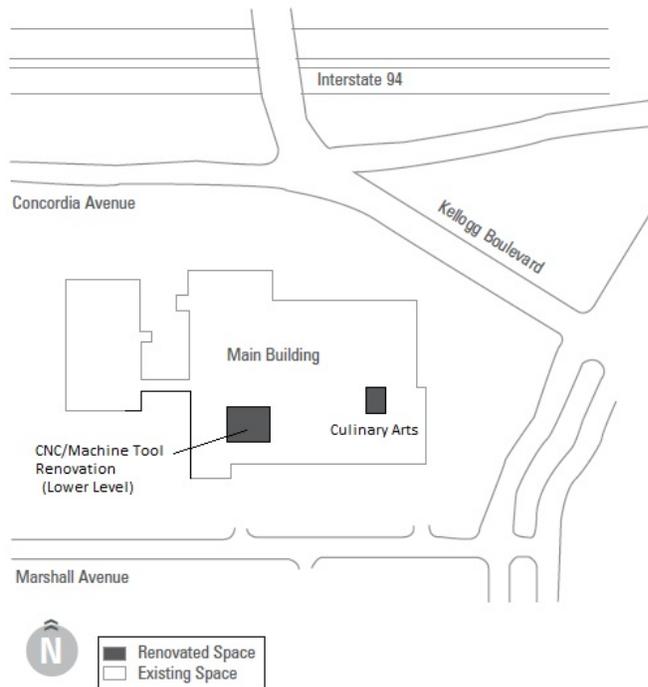
Campus Project Manager: Daniel Kirk
 SO Program Manager: Barry Schaub
 Architect/Engineer: Oliver and Associates
 Construction Manager: Knutson Construction
 Owner's Representative: Hansen Construction Consulting

PROJECT SCHEDULE



SAINT PAUL COLLEGE

Machine Tool Renovation



CAMPUS PLAN – St. Paul

Campus website: www.saintpauledu

PROJECT DESCRIPTION

This project designs, renovates, furnishes and equips classroom and lab spaces for the Computer Numerical Control (CNC)/Machine Tool Program Renovation project at Saint Paul College. The Computer Numerical Control (CNC)/Machine Tool project will consolidate three programs into right-sized labs. Flexible space will improve the degree to which current spaces are used, increase space utilization, increase academic and space efficiency, and reduce costs. Funds were appropriated for this project by the 2014 legislative session and some additional funds were also allocated for the CNC/Machine Tool project by the College.

PROJECT STATUS

Construction

PROJECT CONSTRUCTION COMPLETION DATE

August 2015

PROJECT FUNDING

\$ 750,000 2014 State G.O. Bonds (Design/Construction)
 \$ 406,000 College Funds for CNC/Machine Tool Renovation (Design/Construction)
 \$ 1,156,000 Total

PROJECT HIGHLIGHTS

Area: CNC/Machine Tool - Remodel 24,000 GSF
 Estimated Construction Cost: \$885,194
 Construction Bid Award: \$856,000
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

Campus Project Manager: Daniel Kirk
 SO Program Manager: Barry Schaub
 Architect/Engineer: TKDA
 Contractor: Black/Dew LLC
 Owner's Representative: AFO Consultants

PROJECT SCHEDULE

2014												2015											
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
						AE	SD	DD	CD	B								CON	CO				

AE	Architectural/Engineering Design Consultant Selection	BA	Bidding and Award
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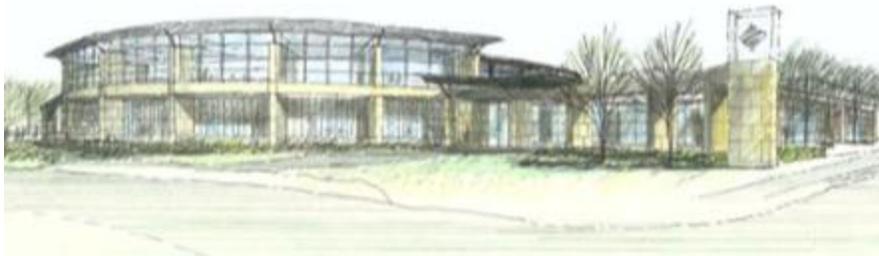
SOUTH CENTRAL COLLEGE

Faribault Classroom Renovation and Addition



CAMPUS PLAN – Faribault

Campus website: www.southcentral.edu

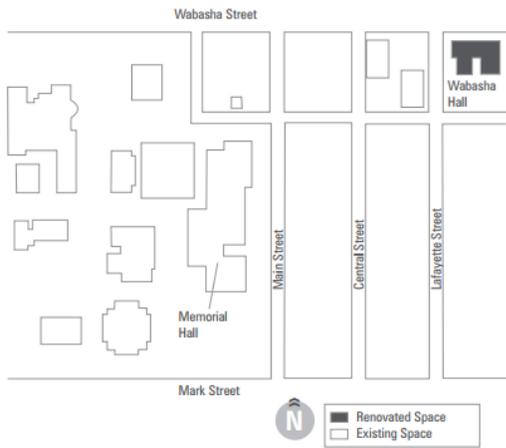


PROJECT DESCRIPTION

This project will address campus site constraints with improved vehicle circulation, modernized classrooms, additional science labs and revitalized technical instructional spaces. The project will update a campus which has a growing student population and strong community support, accommodate new technical programs, expand the transfer mission of the college, and eliminate \$3.4 million of deferred maintenance projects. The 44-year-old campus suffers from obsolete teaching labs and learning spaces and has inappropriately sized rooms that also do not incorporate technology to support current teaching methods. A major portion of the planned renovations and additions will enhance classroom and lab usage, increase the library space, will provide expanded common areas for students to gather and learn and enhance the campus appearance to better reflect today's educational commitment.

WINONA STATE UNIVERSITY

Education Village, Phase I & II, Renovation



CAMPUS PLAN – Winona

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 renovation of Wabasha Hall. Phase II includes the majority of the renovation and new construction in Cathedral School, Neet 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.

Thanks to System Office's Facilities staff for assisting with creating this report.



Minnesota
STATE COLLEGES
& UNIVERSITIES

