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

The Minnesota State Colleges and Universities System is an Equal Opportunity employer and educator.
Status Report for

CAPITAL IMPROVEMENT
PROJECT PROGRAM

# 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-Build” was selected as EPMS software vendor. During the next year, system office worked with college and university representatives and e-Build implementation team to configure e-Build workflow 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-Build 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-Build.

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-Build 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-Build has the answers* newsletter was created and four editions were issued during the last year. It was determined stronger communication was needed; and e-Build 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-Build, much of the data for this report will be generated from that system.
## Financial History

**General Obligation Bond Fund Projects 2002-2015**

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Appropriation Amount</th>
<th>Encumbrances &amp; Expenditures</th>
<th>Free Balance Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Amount</td>
<td>Percentage of Total Appropriation</td>
</tr>
<tr>
<td>2002</td>
<td>$98,847,000</td>
<td>$98,847,000</td>
<td>100.00%</td>
</tr>
<tr>
<td>2003</td>
<td>$59,615,000</td>
<td>$59,615,000</td>
<td>100.00%</td>
</tr>
<tr>
<td>2005</td>
<td>$172,864,465</td>
<td>$172,864,465</td>
<td>100.00%</td>
</tr>
<tr>
<td>2006</td>
<td>$162,211,711</td>
<td>$162,211,711</td>
<td>100.00%</td>
</tr>
<tr>
<td>2008</td>
<td>$181,125,090</td>
<td>$181,125,090</td>
<td>100.00%</td>
</tr>
<tr>
<td>2009</td>
<td>$1,767,550</td>
<td>$1,767,550</td>
<td>100.00%</td>
</tr>
<tr>
<td>2010</td>
<td>$52,416,971</td>
<td>$52,416,971</td>
<td>100.00%</td>
</tr>
<tr>
<td>2011</td>
<td>$101,289,922</td>
<td>$100,703,450</td>
<td>99.42%</td>
</tr>
<tr>
<td>2012</td>
<td>$109,865,586</td>
<td>$108,610,940</td>
<td>98.86%</td>
</tr>
<tr>
<td>2014</td>
<td>$117,312,000</td>
<td>$97,843,854</td>
<td>83.4%</td>
</tr>
<tr>
<td>2015</td>
<td>$31,943,000</td>
<td>$0</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

### Graph

- **Encumbrances & Expenditures**
- **Free Balance**

The graph illustrates the trend of encumbrances and expenditures, with the free balance shown in red for the years 2010 and 2014.
### Higher Education Asset Preservation and Replacement (HEAPR) Program 2002-2014

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Appropriation Amount</th>
<th>Encumbrances &amp; Expenditures Amount</th>
<th>Percentage of Total Appropriation</th>
<th>Free Balance Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>$59,999,254</td>
<td>$59,999,254</td>
<td>100.00%</td>
<td>$0</td>
</tr>
<tr>
<td>2003</td>
<td>$101,000</td>
<td>$101,000</td>
<td>100.00%</td>
<td>$0</td>
</tr>
<tr>
<td>2005</td>
<td>$41,500,000</td>
<td>$41,500,000</td>
<td>100.00%</td>
<td>$0</td>
</tr>
<tr>
<td>2006</td>
<td>$40,153,878</td>
<td>$40,153,878</td>
<td>100.00%</td>
<td>$0</td>
</tr>
<tr>
<td>2008</td>
<td>$59,599,910</td>
<td>$59,587,851</td>
<td>99.98%</td>
<td>$12,059</td>
</tr>
<tr>
<td>2009</td>
<td>$40,000,000</td>
<td>$40,000,000</td>
<td>100.00%</td>
<td>$0</td>
</tr>
<tr>
<td>2010</td>
<td>$52,000,000</td>
<td>$52,000,000</td>
<td>100.00%</td>
<td>$0</td>
</tr>
<tr>
<td>2011</td>
<td>$30,000,000</td>
<td>$29,988,807</td>
<td>100.00%</td>
<td>$11,193</td>
</tr>
<tr>
<td>2012</td>
<td>$20,000,000</td>
<td>$19,860,664</td>
<td>99.3%</td>
<td>$139,336</td>
</tr>
<tr>
<td>2014</td>
<td>$42,500,000</td>
<td>$28,100,711</td>
<td>66.12%</td>
<td>$15,078,013</td>
</tr>
</tbody>
</table>
### Revenue Fund Program 2002-2013

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Appropriation Amount</th>
<th>Encumbrances &amp; Expenditures</th>
<th>Free Balance Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Amount</td>
<td>Percentage of Total Appropriation (1)</td>
</tr>
<tr>
<td>2002</td>
<td>$36,275,000</td>
<td>$36,994,899</td>
<td>101.98%</td>
</tr>
<tr>
<td>2005</td>
<td>$45,320,000</td>
<td>$50,757,396</td>
<td>112.00%</td>
</tr>
<tr>
<td>2007</td>
<td>$43,070,000</td>
<td>$44,642,994</td>
<td>103.65%</td>
</tr>
<tr>
<td>2008</td>
<td>$41,020,000</td>
<td>$41,312,274</td>
<td>100.71%</td>
</tr>
<tr>
<td>2009</td>
<td>$35,810,000</td>
<td>$35,874,048</td>
<td>100.18%</td>
</tr>
<tr>
<td>2011 A&amp;B</td>
<td>$85,800,000</td>
<td>$85,976,844</td>
<td>100.21%</td>
</tr>
<tr>
<td>2011 C</td>
<td>$12,000,000</td>
<td>$12,005,790</td>
<td>100.05%</td>
</tr>
<tr>
<td>2013</td>
<td>$58,795,000</td>
<td>$55,980,803</td>
<td>95.21%</td>
</tr>
<tr>
<td>2015</td>
<td>$45,540,000</td>
<td>$35,917,719</td>
<td>78.87%</td>
</tr>
</tbody>
</table>

**Note**

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

![Graph of Revenue Fund Program 2002-2015](chart.png)
Other Funds 2002-2014

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Appropriation&lt;sup&gt;(1)&lt;/sup&gt; Amount</th>
<th>Encumbrances &amp; Expenditures</th>
<th>Free Balance Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Amount</td>
<td>Percentage of Total Appropriation</td>
<td>Amount</td>
</tr>
<tr>
<td>2002</td>
<td>$4,197,261</td>
<td>100.00%</td>
<td>$0</td>
</tr>
<tr>
<td>2005</td>
<td>$200,265</td>
<td>100.00%</td>
<td>$0</td>
</tr>
<tr>
<td>2006</td>
<td>$8,625,506</td>
<td>100.00%</td>
<td>$0</td>
</tr>
<tr>
<td>2008</td>
<td>$3,366,341</td>
<td>100.00%</td>
<td>$0</td>
</tr>
<tr>
<td>2010</td>
<td>$1,440,000</td>
<td>100.00%</td>
<td>$0</td>
</tr>
<tr>
<td>2012</td>
<td>$1,189,483</td>
<td>74.01%</td>
<td>$309,178</td>
</tr>
<tr>
<td>2014</td>
<td>$11,817,667</td>
<td>52.73%</td>
<td>$5,586,245</td>
</tr>
</tbody>
</table>

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.

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

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

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

Minnesota State Community and Technical College
Moorhead Transportation Center Addition, Renovation and Demolition Construction

Minnesota State University, Mankato
Clinical Science Facility New Construction and Renovation Construction

Minnesota West Community Technical College
Canby Geothermal System Renovation AE Selection
Jackson Powerline Technology Training Facility AE Selection

NHED-Hibbing Community College
Campus Rightsizing Design, Renovation and Demolition Design

NHED-Itasca Community College
Academic Classroom Addition and Renovation Closeout
Biomass Boiler System Re-Bid
Wilson Hall Lab Renovation Construction

NHED-Rainy River Community College
Nursing Lab Renovation Construction

NHED-Vermilion Community College
Art Classroom Renovation Construction
Natural Science Labs Renovation Construction

North Hennepin Community College
Bioscience & Health Careers Addition Closeout

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

Ridgewater College
Willmar Tech Instruction Lab Renovation Closeout

Rochester Community and Technical College
Plaza and Memorial Halls Demolition Design and Renovation Design
Workforce Center Co-location Closeout

St. Cloud State University
Student Health and Academic Renovation, Eastman Hall Design
Saint Paul College
  Culinary Arts Lab Renovation  Construction
  Health and Science Alliance Center Addition  Design
  Machine Tool Renovation  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.

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<tr>
<th>MnSCU Institution</th>
<th>Campus/Project</th>
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<td>Metropolitan State University</td>
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<td>St. Paul Student Center</td>
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<td>Minnesota State University, Mankato</td>
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<td>Minnesota State University Moorhead</td>
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<td>NHED-Vermilion Community College</td>
<td>Student Housing</td>
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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.
PROJECT STATUS

Closeout

PROJECT CONSTRUCTION COMPLETION DATE

TBD

PROJECT FUNDING

$ 303,120  2008 State G.O. Bonds (Design)
$ 212,000  2012 State G.O. Bonds (Design)
$ 980,000  Planned State G.O. Bonds Request (Construction)
$12,000,000  Total

PROJECT HIGHLIGHTS

Area: New 43,000 GSF; Remodel 3,900 GSF
Estimated Construction Cost: TBD
Construction Bid Award: TBD
Project Delivery Method: TBD

PROJECT TEAM

Campus Project Manager: Roger Freeman
SO Program Manager: Jeanne Qualley
Architect/Engineer: Rafferty Rafferty Tollefson Lindeke Architects
Contractor: TBD
Owner's Representative: Knight Inspection Service

PROJECT SCHEDULE
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
BEMIDJI STATE UNIVERSITY
Academic Learning Center and Campus Renovation

CAMPUS PLAN - Bemidji
Campus website:  www.bemidjistate.edu

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

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Key:
- AE: Architectural/Engineering Design Consultant Selection
- BA: Bidding and Award
- DD: Design Development Phase
- CD: Construction Document Phase
- CON: Construction
- CO: Project Close out
BEMIDJI STATE UNIVERSITY
Memorial, Decker Renovation, Sanford Hall Demolition

CAMPUS PLAN - Bemidji
Campus website:  www.bemidjistate.edu

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.
PROJECT STATUS
Construction

PROJECT CONSTRUCTION COMPLETION DATE
October 2015

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

PROJECT HIGHLIGHTS
Area:
Remodel 46,700 GSF
New 4,000 GSF
Renewal 11,800 GSF
Estimated Construction Cost: $11,788,000
Construction Bid Award: $11,741,108
Project Delivery Method: Construction Manager at Risk

PROJECT TEAM
Campus Project Manager: Karen Snorek
SO Program Manager: Kent Dirks
Architect/Engineer: LHB Architects
Contractor: Krause Anderson Inc.
Owner’s Representative: Hansen Construction Consulting

PROJECT SCHEDULE

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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

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

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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

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

BA: Bidding and Award
CON: Construction
CO: Project Close out
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 of 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

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SD  Schematic Design Phase
DD  Design Development Phase
CD  Construction Document Phase

BA  Bidding and Award
CON Construction
CO  Project Close out
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

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CON: Construction
CO: Project Closeout

40
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

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

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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).
PROJECT STATUS
Construction

PROJECT CONSTRUCTION COMPLETION DATE
November 2015

PROJECT FUNDING
$ 3,444,000  2011 State G.O. Bonds (Design/Demolition)
$35,865,000  2014 State G.O. Bonds (Construction)
$39,309,000  Total

PROJECT HIGHLIGHTS
Area:  New 68,018 GSF; Remodel 3,692 GSF
Estimated Construction Cost:  $31,000,000
Construction Bid Award:  $30,887,491
Project Delivery Method:  Construction Manager at Risk

PROJECT TEAM
Campus Project Manager:  Dan Hambrock
SO Program Manager:  Jim Morgan
Architect/Engineer:  BWBR Architects
Construction Manager:  Mortenson Construction
Owner’s Representative:  Pegasus Group

PROJECT ACTUAL/FORECAST SCHEDULE

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CAMPUS PLAN – St. Paul
Campus website: www.metrostate.edu

PROJECT DESCRIPTION
To design, construct, and equip a new Student Center on the Metropolitan State University campus. The Student Center building will be approximately 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**

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<td>$11,704,982</td>
<td>2013 Revenue Bonds (Design/Construction)</td>
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<td>$11,704,982</td>
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**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:** Adolfson & Peterson Construction
- **Owner’s Representative:** CPMI

**PROJECT ACTUAL/FORECAST SCHEDULE**

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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

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MINNESOTA STATE COLLEGE – SOUTHEAST TECHNICAL

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

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
Red Wing	Winona
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
Red Wing	Winona
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

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Winona - Medical/Phlebotomy Labs & Welding/Mechatronics Labs

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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)

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

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MINNESOTA STATE UNIVERSITY, MANKATO
Clinical Sciences Facility New Construction and Renovation

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**

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56
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

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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.
PROJECT STATUS
Construction

PROJECT CONSTRUCTION COMPLETION DATE
January 2017

PROJECT FUNDING
$4,000,000  2015 Revenue Bonds (Design & Construction)
$4,500,000  Campus Funds (Design)
$8,500,000  Total

PROJECT HIGHLIGHTS
Area:  New 5,500 GSF Remodel 37,000 GSF
Estimated Construction Cost:  $6,549,995
Construction Bid Award:  $6,549,995
Project Delivery Method:  Construction Manager at Risk

PROJECT TEAM
Campus Project Manager:  Jeff Goebel
SO Program Manager:  Kent Dirks
Architect/Engineer:  Cunningham Group
Construction Manager:  Terra Construction
Owner's Representative:  CPMI

PROJECT SCHEDULE

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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

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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

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64
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.
PROJECT STATUS

Design

PROJECT CONSTRUCTION COMPLETION DATE

June 2018

PROJECT FUNDING

$387,000 2014 State G.O. Bonds (Design)
$9,958,000 Planned 2016 State G.O. Bonds (Construction)
$10,345,000 Total

PROJECT HIGHLIGHTS

Area: New 5,000 GSF
Renovation 33,614 GSF
Demolition 21,890 GSF

Estimated Construction Cost: $7,800,000
Construction Bid Award: TBD
Project Delivery Method: Design/Bid/Build

PROJECT TEAM

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

PROJECT SCHEDULE

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Legend:
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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

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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**

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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

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NHED - RAINY RIVER COMMUNITY COLLEGE
Nursing Lab Renovation

CAMPUS PLAN – International Falls, MN
Campus website: www.rainyriver.edu

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

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**NHED - VERMILION COMMUNITY COLLEGE**

Art Classroom Renovation  
Natural Science Labs Renovation

![Campus Plan Image]

**CAMPUS PLAN – Ely, MN**  
Campus website: [www.vcc.edu](http://www.vcc.edu)

**PROJECT DESCRIPTION**

This project designs and renovates 2,142 square feet in the VCC Fine Arts studio and adapts an adjacent classroom to a media design center and renovates three laboratories, four adjacent prep spaces, and two offices for a total of 5000 square feet in the Natural Science (NS) building.

The Art space will create a technology-enhanced general classroom, teaching clay studio, air-brushing stations, and enhanced drawing/painting areas. In addition, this project constructs an outdoor covered kiln yard consisting of bio-fuel fired kilns (wood and used cooking oil) serviced by an existing driveway. The addition of an outside door to the art room will allow 24/7 student access.

The existing GIS lab will be upgraded with new work stations, a key card system allowing 24/7 student access and technology upgrades including document cameras for a detailed view of equipment. An existing unused adjunct faculty office (NS 109) would be converted to a specialized computer mapping station allowing for collaborative work across the disciplines. Another vacant office (NS 118) would be converted to a mini (2-3 stations) AUTOCAD lab for Natural Science student use. These areas, along with the adjacent lobby, would create an informal learning community space for students in the Natural Science programs (over 70% of full time students). NS 111 is a natural science lab that also serves as a lecture classroom, which will be reconfigured increase room capacity to 80. Document cameras would be installed, along with a projection podium and dual screens/projectors. A fire suppression system would be installed along with new ceilings and HVAC controls. A new “slop” room will allow students a space to clean equipment, clothing, and themselves after coming in from field work. This room doubles as a unisex restroom.
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

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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 bathroom off the bedroom), coat closet and a storage room. A mechanical room for each townhouse will be accessible from the exterior only.
PROJECT STATUS
Design

PROJECT CONSTRUCTION COMPLETION DATE
August 2016

PROJECT FUNDING
2015 Revenue Bonds: $4,000,000 (Design & Construction)
MFHA Grant (GO BOND): $1,100,000 (Design & Construction)
2015 Campus Funds: $350,000 (Design & Construction)
IRRRB Grant: $350,000 (Design & Construction)
TOTAL: $5,800,000

PROJECT HIGHLIGHTS
Area: Remodel 31,475 GSF
Estimated Construction Cost: $5,370,000
Construction Bid Award: TBD
Project Delivery Method: Design/Bid/Build

PROJECT TEAM
Campus Project Manager: Dave Marshall
SO Program Manager: Jim Morgan
Architect/Engineer: Rafferty Tollefson Lindeke Architects
Contractor: TBD
Owner’s Representative: NA

PROJECT SCHEDULE

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AE Architectural/Engineering Design Consultant Selection
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CO Project Close out

July August September October November December
2015 2016
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

PROJECTCONSTRUCTION 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

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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 Hanger will be constructed. The existing Recip Hanger 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.
PROJECT STATUS
Construction

PROJECT CONSTRUCTION COMPLETION DATE
June 2016

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

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

PROJECT TEAM
Campus Project Manager: Clinton Castle
SO Program Manager: Kent Dirks
Architect/Engineer: Foss Architects
Contractor: Terra Construction
Owner’s Representative: Widseth Smith & Nolting

PROJECT SCHEDULE

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82
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.
PROJECT STATUS
Construction Closeout

PROJECT CONSTRUCTION COMPLETION DATE
September 2014

PROJECT FUNDING
$200,000 2008 State G.O. Bonds, Partial (Design)
$13,851,000 2012 State G.O. Bonds Request (Design & Construction)
$14,051,000 Total

PROJECT HIGHLIGHTS
Area: New 600 GSF; Remodel 76,000 GSF; Demolition 8,500 GSF
Estimated Construction Cost: $10,632,000
Construction Bid Award: $8,580,000
Project Delivery Method: Design/Bid/Build

PROJECT TEAM
Campus Project Manager: Dan Holtz
SO Program Manager: Barry Schaub
Architect/Engineer: LHB Architects and Engineers
Contractor: Donlar Construction Company
Owner’s Representative: Pegasus Group

PROJECT SCHEDULE

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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

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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
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

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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

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

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| **CON** |      |      |      |      |      | Construction
| **CO** |      |      |      |      |      | Project Close out
SAINT PAUL COLLEGE
Machine Tool Renovation

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

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AE  Architectural/Engineering Design Consultant Selection
SD  Schematic Design Phase
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CON  Construction
CO  Project Close out
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.
PROJECT STATUS
Closeout

PROJECT CONSTRUCTION COMPLETION DATE
August 2015

PROJECT FUNDING
$ 60,000  Campus Funding (Design)
$ 400,000  2008 State G.O. Bonds (Design)
$13,315,000  2012 State G.O. Bonds (Design & Construction)
$13,775,000  Total

PROJECT HIGHLIGHTS
Area:  New 18,800 GSF; Remodel 63,000 GSF
Estimated Construction Cost:  $10,500,000
Construction Bid Award:  $9,359,000
Project Delivery Method:  Design/Bid/Build

PROJECT TEAM
Campus Project Manager:  Karen Snorek
SO Program Manager:  Benjamin Ystenes
Architect/Engineer:  Rafferty Rafferty Tollefson Lindeke Architects
Contractor:  Met-Con Companies
Owner’s Representative:  CPMI

PROJECT SCHEDULE

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WINONA STATE UNIVERSITY
Education Village, Phase I & II, Renovation

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.
PROJECT STATUS
Design

PROJECT CONSTRUCTION COMPLETION DATE
February 2018

PROJECT FUNDING
$ 5,902,000 2014 State G.O. Bonds (Design/Construction)
$25,306,000 Planned 2016 State G.O. Bonds (Construction)
$31,208,000 Total

PROJECT HIGHLIGHTS
Area: New 6,450 GSF; Renovation 82,696 GSF
Estimated Construction Cost: $20,430,000
Construction Bid Award: TBD
Project Delivery Method: Construction Manager at Risk (CM@r)

PROJECT TEAM
Campus Project Manager: Michael Pieper
SO Program Manager: Kent Dirks/ Karen Huiett
Architect/Engineer: Leo A. Daly Architects
Contractor: Krause Anderson Inc.
Owner’s Representative: TBD

PROJECT SCHEDULE

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