Capital Improvement Program Report

July 1, 2016 – December 31, 2016

Minnesota State
DATE: January 30, 2017

TO: Jay Cowles, Chair, Finance and Facilities Committee

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

SUBJECT: Capital Improvement Program (CIP) Status Report

The semi-annual Capital Improvement Program Report for the period July 1, 2016 through December 31, 2016 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
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EXECUTIVE SUMMARY

As of December 31, 2016, there is $341.5 million in major capital projects active in either design, construction or closeout at colleges and universities of Minnesota State. This amount has dropped $65.2 million from the last CIP Report, primarily due to no bonding bill passing during the 2016 legislative session.

There are five primary funding sources for capital improvements to college and university facilities.

**General Obligation (GO) Bond Fund Capital Program** fund amount decreased from last reporting period by $62.4 million.
- $215.4 million
- 63% of all project funding

**General Obligation (GO) Bond Fund Higher Education Asset Preservation and Replacement (HEAPR) Program** fund amount decreased from last reporting period by $13.9 million.
- $20.3 million
- 6% of all project funding

**Revenue Fund Program** fund amount remained the same since last reporting period.
- $71.7 million
- 21% of all project funding

**Guaranteed Energy Savings Program (GESP)** fund amount increased from last reporting period by $9.9 million. Note that in previous reports, GESP amount was included in Other Funding.
- $9.9 million
- 3% of all project funding

**Other funding** augments the scope of capital projects through private donations, federal and state grants, and campus general operating funds. This funding amount increased from last reporting period by $4.8 million.
- $23.8 million
- 7% of all project funding
PREFACE

This Capital Improvement Program (CIP) report summarizes the status of Minnesota State funded major capital projects under design and/or construction during the period July 1, 2016 through December 31, 2016. The next CIP reporting period is January 1, 2017 through June 30, 2017. This report is broken into three sections.

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

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

- GO Bond Fund capital projects
- GO Bond Fund HEAPR projects
- Revenue Fund projects
- Guaranteed Energy Savings Program projects (was previously included in Other fund)
- Other fund projects

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

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

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

Section 3 Project Summary includes 29 individual reports for the GO Bond Fund Capital Program, Revenue Fund Program and Guaranteed Energy Savings Program projects. These project summaries are at the end of this report arranged in alphabetical order by institution. The two page layout per project allows the sheet to be pulled out for stand-alone project information reference. This format is identical to the Capital Improvement Program Summaries (CIPS) which are updated monthly and available at http://www.finance.mnsu.edu/facilities/design-construction/projectstatus/index.html.
SECTION 1 BACKGROUND

Project Delivery Methods

**Design/Bid/Build (D/B/B)** is the traditional delivery method used for the majority of Minnesota State projects. Using this method, the lowest responsible bidder is awarded the project. To promote easy access of bid documents, electronic files are posted at Minnesota State Quest CDN interface at [http://qap.questcdn.com/qap/projects/prj_browse/ipp_browse_grid.html?projType=&group=70464&provider=70464](http://qap.questcdn.com/qap/projects/prj_browse/ipp_browse_grid.html?projType=&group=70464&provider=70464).

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

Although there is additional work up front for the selection of the construction manager, the benefits of their involvement in the design phase makes this method preferable for some of our significant capital projects. Since CM@r was implemented in 2012, there are 33 projects that used this delivery method with the construction amount totaling $400 million. This report includes 14 projects in design, construction or closeout.

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

There are two projects that have used GESP for financing energy related improvements and both are included in this report.
Enterprise Project Management System

“e-Builder” has been the system’s project management platform since 2013. Effective January 2016, all new projects were required to be managed in e-Builder. At the end of this reporting period, project amounts totaled $145 million, which is an increase of $28 million. The 169 projects managed in e-Builder is an increase of 59% from previous reporting period.

As the number of projects managed in e-Builder increases, the amount of data generated from e-Builder for CIP Reports will correspondingly continue to increase.

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

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

Construction Contract
- “Original Contract Percentage” identifies the percentage of the original construction contract in relation to the total contract total contract including change orders.
- “Change Order Percentage” identifies the percentage of the change orders in relation to the total contract total contract
List of Contracts over One Million Dollars Funded with Campus Resources

There were no contracts greater than one million dollars executed in this reporting period with campus resources.

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

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

<table>
<thead>
<tr>
<th>College/University Campus</th>
<th>Project Name</th>
<th>Contract Type &amp; Amount Vendor Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minnesota West Community &amp; Technical College, Canby Campus</td>
<td>Geothermal HVAC System</td>
<td>Construction $1,000,000.00 Bisbee Plumbing &amp; Heating</td>
</tr>
<tr>
<td>Minnesota West Community &amp; Technical College, Jackson Campus</td>
<td>Powerline Tech Training Facility</td>
<td>Construction $2,037,000.00 Salonek Concrete &amp; Construction</td>
</tr>
</tbody>
</table>
List of Projects that Reached Substantial Completion

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

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

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

The following six capital projects reached substantial completion during this reporting period from July 1, 2016 – December 31, 2016. They were in Closeout Phase as of December 31, 2016.

<table>
<thead>
<tr>
<th>College/University</th>
<th>Project Name</th>
<th>Substantial Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anoka Technical College</td>
<td>Manufacturing and Automotive Technical Lab Renovation</td>
<td>September 2016</td>
</tr>
<tr>
<td>Century College</td>
<td>Digital Fab lab Renovation, Kitchen Space Renovation and Renewal, Solar Technical Lab Renovation</td>
<td>April 2016</td>
</tr>
<tr>
<td>Minnesota State Community and Technical College, Moorhead Campus</td>
<td>Transportation Center Addition, Renovation and Demolition</td>
<td>August 2016</td>
</tr>
<tr>
<td>Minnesota State University, Mankato</td>
<td>Clinical Science Facility New Construction</td>
<td>December 2016</td>
</tr>
<tr>
<td>Minnesota State University, Mankato</td>
<td>Dining Services Building</td>
<td>December 2016</td>
</tr>
<tr>
<td>NHED Itasca Community College</td>
<td>Biomass Boiler System</td>
<td>December 2016</td>
</tr>
</tbody>
</table>
List of Completed Projects

Projects are considered completed after any of these events occur:

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

Projects completed during this reporting period had funds that were entirely spent on the project. There were no funds transferred to HEAPR projects and no funds sunset. Because these projects were not active as of December 31, 2016, they are not included in Project Summaries in the Appendix at the end of this report.

The following ten capital projects were completed during this reporting period from July 1, 2016 – December 31, 2016.

<table>
<thead>
<tr>
<th>College/University</th>
<th>Project Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bemidji State University</td>
<td>Memorial, Decker Renovation, and Sanford Hall Demolition</td>
</tr>
<tr>
<td>Century College</td>
<td>Academic Partners Classroom Design and Construction</td>
</tr>
<tr>
<td>Minnesota State College – Southeast Technical</td>
<td>Red Wing Classrooms Renovation</td>
</tr>
<tr>
<td>Minnesota State College – Southeast Technical</td>
<td>Winona Science Labs Renovation</td>
</tr>
<tr>
<td>Minnesota State College – Southeast Technical</td>
<td>Winona Welding and Mechatronics Renovation</td>
</tr>
<tr>
<td>NHED, Itasca Community College</td>
<td>Demolition, Renovation &amp; Addition</td>
</tr>
<tr>
<td>North Hennepin Community College</td>
<td>Bioscience &amp; Health Careers Center Addition</td>
</tr>
<tr>
<td>Ridgewater College</td>
<td>Willmar Technical Instruction Lab Construction and Renovation</td>
</tr>
<tr>
<td>Rochester Community and Technical College</td>
<td>Workforce Center</td>
</tr>
<tr>
<td>Saint Paul College</td>
<td>Culinary Arts Lab Renovation</td>
</tr>
</tbody>
</table>
SECTION 2 PROGRAM SUMMARIES

General Obligation (GO) Bond Fund
Capital Program Summary

General Obligation (GO) bonds provide funding for the majority of capital projects on Minnesota State campuses and can be used to acquire, construct, renovate and demolish academic facilities. These bonds are an obligation of the state and backed by the full faith and credit of the State of Minnesota. They are typically issued for 20 years. The state requires higher education systems to pay one-third the cost of debt service of the bonds associated with these major capital projects. Historically for Minnesota State, the one-third debt service was split between the campus and the system with each paying one-sixth of the overall debt service. Beginning in 2018, the campus will absorb the entire one-third debt service.

Supplemental funding for these major capital projects may come from private donors, federal and state grants, and campus general operating funds.

GO Bond Fund Capital Program Financial Spending Table for 2002-2015 Appropriations

<table>
<thead>
<tr>
<th>Year</th>
<th>Appropriation Amount</th>
<th>Number of Projects</th>
<th>Encumbrance Percentage</th>
<th>Spent Percentage</th>
<th>Free Balance Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>$98,847,000</td>
<td>11</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2003</td>
<td>$59,615,000</td>
<td>18</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2005</td>
<td>$172,864,465</td>
<td>75</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2006</td>
<td>$162,211,711</td>
<td>46</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2008</td>
<td>$181,125,090</td>
<td>45</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2009</td>
<td>$1,767,550</td>
<td>2</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2010</td>
<td>$52,416,971</td>
<td>17</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2010C</td>
<td>$1,952,029</td>
<td>12</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2011</td>
<td>$101,118,887</td>
<td>7</td>
<td>100%</td>
<td>99.89%</td>
<td>0%</td>
</tr>
<tr>
<td>2011C</td>
<td>$467,113</td>
<td>3</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2012</td>
<td>$108,793,754</td>
<td>22</td>
<td>100%</td>
<td>99.98%</td>
<td>0%</td>
</tr>
<tr>
<td>2012C</td>
<td>$3,332,246</td>
<td>17</td>
<td>100%</td>
<td>63%</td>
<td>0%</td>
</tr>
<tr>
<td>2014</td>
<td>$117,119,230</td>
<td>27</td>
<td>98%</td>
<td>91.94%</td>
<td>1.73%</td>
</tr>
<tr>
<td>2014C</td>
<td>$192,770</td>
<td>4</td>
<td>100%</td>
<td>79%</td>
<td>0%</td>
</tr>
<tr>
<td>2015</td>
<td>$31,943,000</td>
<td>5</td>
<td>85%</td>
<td>43.84%</td>
<td>15.44%</td>
</tr>
</tbody>
</table>

Note: “C” indication after year identifies GO funds converted to HEAPR

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

The following is a list of 19 General Obligation bond fund capital projects that were active during this reporting period of July 1, 2016 – December 31, 2016. Status of each project as of December 31, 2016 is noted. For projects managed in e-Builder, the project financial status and the construction contract/change order status are illustrated in the pie charts.

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

<table>
<thead>
<tr>
<th>Campus/Project</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anoka Technical College&lt;br&gt;Manufacturing and Automotive Technical Lab Renovation</td>
<td>Closeout</td>
</tr>
<tr>
<td>Century College&lt;br&gt;Digital Fab Lab Renovation, Kitchen Space Renovation and Renewal, Solar Technician Lab Renovation</td>
<td>Closeout</td>
</tr>
<tr>
<td>Dakota County Technical College&lt;br&gt;Transportation and Emerging Technical Lab Renovation – Phase 2</td>
<td>Construction</td>
</tr>
<tr>
<td>Lake Superior College&lt;br&gt;Allied Health (86’ Wing) Renovation</td>
<td>Closeout</td>
</tr>
</tbody>
</table>
Minneapolis Community and Technical College
Exercise Program Phase 2 Renovation — Closeout

Minnesota State University
Clinical Science Facility - Phase 1 New Construction — Completed
-Phase 2 Renovation — Design

Minnesota West Community Technical College
Canby Englund Hall HVAC Upgrades — Construction

Minnesota West Community Technical College
Jackson Powerline Technician Training Facility — Construction
<table>
<thead>
<tr>
<th>Minnesota State College/University Campus/Project</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>NHED-Hibbing Community College Campus Renovation and Rightsizing</td>
<td>Design</td>
</tr>
<tr>
<td>NHED-Itasca Community College Biomass Boiler System</td>
<td>Closeout</td>
</tr>
<tr>
<td>NHED-Vermilion Community College Art Classroom and Natural Science Labs Renovation</td>
<td>Closeout</td>
</tr>
<tr>
<td>Northland Community and Technical College Thief River Falls Aviation Maintenance Facility Addition and Demolition</td>
<td>Closeout</td>
</tr>
<tr>
<td>Rochester Community and Technical College Memorial and Plaza Halls Demolition Design and Renovation</td>
<td>Design</td>
</tr>
</tbody>
</table>
Minnesota State College/University
Campus/Project  Status

Saint Paul College
Health and Science Alliance Center Addition  Construction

St. Cloud State University
Student Health and Academic Renovation, Eastman Hall  Design

Winona State University
Education Village -Phase I Renovation  Construction

Education Village -Phase 2 Renovation  Design
General Obligation (GO) Bond Fund
Higher Education Asset Preservation and Replacement (HEAPR)
Program Summary

HEAPR funds are provided through GO bonding and are allocated to campuses to perform repair and replacement of major building systems. As required by Minnesota Statute 135A.046, capital budget expenditures for HEAPR projects must be for one or more of the following: code compliance including health and safety, Americans with Disabilities Act requirements, hazardous material abatement, access improvement, air quality improvement, building energy efficiency improvements using current best practices, building or infrastructure repairs necessary to preserve the interior and exterior of existing buildings, or renewal to support the existing programmatic mission of the campuses.

There was no HEAPR appropriated since 2014 and at the beginning of this reporting period on July 1, 2016, the HEAPR available balance was $185,851. To address campus urgent HEAPR needs for Fiscal Year 2017, it was necessary to sweep back funds from projects that had not encumbered funds (design and/or construction). It was the intention that these lower priority projects would be placed on hold and funds would be provided with the next HEAPR appropriation. The total amount swept was $2,841,757 from 20 projects. The swept back HEAPR funds were carefully redistributed to seven campus urgent need projects, leaving a HEAPR balance of $412,108 as of December 31, 2016. If no HEAPR appropriation occurs in 2017, it is most likely that campuses will need to use their reserves to address urgent need projects.

HEAPR Program Financial Spending Table for 2002-2015 Appropriations

<table>
<thead>
<tr>
<th>Year</th>
<th>Appropriation Amount</th>
<th>Number of Projects</th>
<th>Encumbrance Percentage</th>
<th>Spent Percentage</th>
<th>Free Balance Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>$59,999,254</td>
<td>171</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2003</td>
<td>$101,000</td>
<td>1</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2005</td>
<td>$41,500,000</td>
<td>80</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2006</td>
<td>$40,153,878</td>
<td>101</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2008</td>
<td>$59,599,910</td>
<td>137</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2009</td>
<td>$40,000,000</td>
<td>159</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2010</td>
<td>$52,000,000</td>
<td>154</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2010C</td>
<td>$1,952,029</td>
<td>12</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2011</td>
<td>$30,000,000</td>
<td>132</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2011C</td>
<td>$467,113</td>
<td>3</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2012</td>
<td>$20,000,000</td>
<td>70</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>2012C</td>
<td>$3,332,246</td>
<td>17</td>
<td>100%</td>
<td>63%</td>
<td>0%</td>
</tr>
<tr>
<td>2014</td>
<td>$42,500,000</td>
<td>80</td>
<td>94%</td>
<td>86%</td>
<td>2%</td>
</tr>
<tr>
<td>2014C</td>
<td>$192,770</td>
<td>4</td>
<td>100%</td>
<td>79%</td>
<td>0%</td>
</tr>
</tbody>
</table>

Note: “C” indication after year identifies GO funds converted to HEAPR
Revenue Fund
Program Summary

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

Debt obligations of the Revenue Fund, unlike capital appropriations for academic facilities, are backed solely by the revenue generated from the physical assets in the Revenue Fund and are not debt obligations of the State of Minnesota.

Supplemental funding for these major capital projects may come from private donors, federal and state grants, and campus general operating funds.

Revenue Fund Financial Spending Table for 2002-2015

<table>
<thead>
<tr>
<th>Year</th>
<th>Appropriation Amount</th>
<th>Number of Projects</th>
<th>Encumbrance Percentage</th>
<th>Spent Percentage</th>
<th>Free Balance Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>$36,275,000</td>
<td>14</td>
<td>102.0%</td>
<td>102.0%</td>
<td>0%</td>
</tr>
<tr>
<td>2005</td>
<td>$45,320,000</td>
<td>6</td>
<td>112.0%</td>
<td>112.0%</td>
<td>0%</td>
</tr>
<tr>
<td>2007</td>
<td>$43,070,000</td>
<td>4</td>
<td>103.7%</td>
<td>103.7%</td>
<td>0%</td>
</tr>
<tr>
<td>2008</td>
<td>$41,020,000</td>
<td>3</td>
<td>100.7%</td>
<td>100.7%</td>
<td>0%</td>
</tr>
<tr>
<td>2009</td>
<td>$35,810,000</td>
<td>6</td>
<td>100.2%</td>
<td>100.2%</td>
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<tr>
<td>2011 A&amp;B</td>
<td>$85,800,000</td>
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<td>100.2%</td>
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<td>0%</td>
</tr>
<tr>
<td>2011 C</td>
<td>$12,000,000</td>
<td>1</td>
<td>100.1%</td>
<td>100.1%</td>
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</tr>
<tr>
<td>2013</td>
<td>$60,483,135</td>
<td>7</td>
<td>97.6%</td>
<td>96.7%</td>
<td>2.6%</td>
</tr>
<tr>
<td>2015</td>
<td>$45,642,106</td>
<td>4</td>
<td>89.0%</td>
<td>82.0%</td>
<td>11.0%</td>
</tr>
</tbody>
</table>

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

The following is a list of seven Revenue Fund Program Projects that were active during this reporting period of July 1, 2016 – December 31, 2016. The status of each project as of December 31, 2016 is noted. For projects managed in e-Builder, the project financial status and the construction contract/change order status are illustrated in the pie charts.

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

### Minnesota State College/University

<table>
<thead>
<tr>
<th>Campus/Project</th>
<th>Status</th>
</tr>
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<tbody>
<tr>
<td>Metropolitan State University</td>
<td>Closeout</td>
</tr>
<tr>
<td>St. Paul Parking Ramp</td>
<td></td>
</tr>
<tr>
<td>Metropolitan State University</td>
<td>Closeout</td>
</tr>
<tr>
<td>St. Paul Student Center</td>
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<tr>
<td>Minnesota State University, Mankato</td>
<td>Closeout</td>
</tr>
<tr>
<td>Dining Services Building</td>
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<tr>
<td>Minnesota State University Moorhead</td>
<td>Closeout</td>
</tr>
<tr>
<td>Comstock Memorial Union Addition and Renovation</td>
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<tr>
<td>Minnesota State University Moorhead</td>
<td>Design</td>
</tr>
<tr>
<td>East Snarr Renovation</td>
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</tbody>
</table>

![Project Financial Status Chart](chart1)

![Construction Contract Chart](chart2)
<table>
<thead>
<tr>
<th>Campus/Project</th>
<th>Status</th>
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<tbody>
<tr>
<td>Minnesota State University Moorhead</td>
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<tr>
<td>South Snarr Renovation</td>
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<tr>
<td>Project Financial Status</td>
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<tr>
<td>8.78M</td>
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<tr>
<td>Encumbered Not</td>
<td></td>
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<tr>
<td>Spent 5.9M</td>
<td></td>
</tr>
<tr>
<td>Free Balance 1.6M</td>
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<td>Construction Contract</td>
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<tr>
<td>5.18M</td>
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<td>Project Financial Status</td>
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<td>Encumbered Not</td>
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<tr>
<td>Spent 2.43M</td>
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<td>Free Balance 266.8K</td>
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<td>5.7M</td>
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<tr>
<td>Change Orders 173K</td>
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<tr>
<td>Original Contract 5.54M</td>
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</table>
Guaranteed Energy Savings Program
Program Summary

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

The Board approved GESP projects at Riverland Community College on April 22, 2015 and at Minnesota State University, Mankato on January 28, 2016.

Guaranteed Energy Savings Program Spending Table for 2002-2015

<table>
<thead>
<tr>
<th>Year</th>
<th>Appropriation Amount</th>
<th>Number of Projects</th>
<th>Encumbrance Percentage</th>
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<tbody>
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<td>2015</td>
<td>$1,849,641</td>
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<td>2016</td>
<td>$9,941,784</td>
<td>2</td>
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</table>
Guarantee Energy Savings Program
Project List

The following is the list of two Guarantee Energy Savings Program Projects that were active during this reporting period of July 1, 2016 – December 31, 2016. The status of each project as of December 31, 2016 is noted.

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

<table>
<thead>
<tr>
<th>Minnesota State College/University</th>
<th>Campus/Project</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minnesota State University, Mankato</td>
<td>Lighting, building control valves, and boiler control systems</td>
<td>Construction</td>
</tr>
<tr>
<td>Riverland Community College</td>
<td>Lighting, exterior building envelope, building control systems, and minor water conservation</td>
<td>Closeout</td>
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</tbody>
</table>


Other Fund Summary

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

Other Fund Program Financial Spending Table for 2002-2016

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Amount</th>
<th>Spent Percentage</th>
<th>Free Balance Percentage</th>
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<tr>
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<td>$4,197,261</td>
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<td>2008</td>
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<td>2010</td>
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<td>2012</td>
<td>$4,643,648</td>
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<td>0%</td>
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<tr>
<td>2013</td>
<td>$374,333</td>
<td>100%</td>
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<tr>
<td>2014</td>
<td>$13,158,200</td>
<td>79.4%</td>
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<tr>
<td>2015</td>
<td>$2,904,106</td>
<td>77.8%</td>
<td>14.4%</td>
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<tr>
<td>2016</td>
<td>$2,491,647</td>
<td>97.6%</td>
<td>-0.2%</td>
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The significant increase in 2014 is primarily due to city sales tax for shared athletic and CTECH facilities at Rochester Community & Technical College.
SECTION 3 PROJECT SUMMARIES

Appendix

The following 28 individual project summaries (two-page pull out sheets) funded by General Obligation Bond Fund Capital Program, Revenue Fund Program and Guaranteed Energy Savings Program are arranged alphabetically by college and university. Data is current as of December 31, 2016. Project summaries are updated monthly and available at http://www.finance.mnscu.edu/facilities/design-construction/projectstatus/index.html.
ANOKA TECHNICAL COLLEGE
Manufacturing and Automotive Technical Lab Renovation

CAMPUS PLAN
Campus website: www.anokatech.edu

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

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

**PROJECT CONSTRUCTION COMPLETION DATE**
September 2016

**PROJECT FUNDING**
$2,114,000 2015 State G.O. Bonds (Design & Construction)
$2,114,000 Total

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

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

**PROJECT SCHEDULE**

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</table>

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

Anoka Technical College
Manufacturing Tech Hub and Auto Tech Lab Renovation 12/31/2016
BEMIDJI STATE UNIVERSITY
Academic Learning Center, Campus Renovation and Hagg Sauer Demolition

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

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

PROJECT CONSTRUCTION COMPLETION DATE
TBD

PROJECT FUNDING
$ 1,000,000  2014 State G.O. Bonds (Demolition)
$ 20,842,000  Planned 2017 State G.O. Bonds (Construction)
$ 21,842,000

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

Estimated Construction Cost:  $16,900,000
Construction Bid Award:  $TBD
Project Delivery Method:  Construction Manager at Risk

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

PROJECT SCHEDULE

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<tr>
<td>AE</td>
<td>SD</td>
<td>DD</td>
<td>CD</td>
<td>BA</td>
<td>CON</td>
</tr>
</tbody>
</table>

AE: Architectural/Engineering Design Consultant Selection
SD: Schematic Design Phase
DD: Design Development Phase
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CON: Construction
CO: Project Close out
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 bundled three initiatives together for efficiency and to lower costs for design and construction. The combined project renovated a large section of the second floor east campus, which previously housed several classrooms, a vacated dental lab and an underutilized classroom kitchen. The new Fabrication Lab combined the original “Kitchen/Classroom” proposal, with the “Fab Lab” proposal into an integrated classroom and lab space. In addition to the Fabrication Lab, the space includes a classroom and a lab for Engineering. The FAB lab’s flexibility, safety and usability improved and expanded, allowing broader use of the lab across multiple disciplines within the College and with various College partners. The College will invest campus funds to make improvements to the service kitchen. By eliminating obsolete kitchen facilities and renovating to new active learning classrooms, the proposed project maximized the efficient use of space and demonstrates an investment to preserve and project facilities, infrastructure, and reduces operating costs. The Solar Lab project renovated the space on the first floor vacated by the Fab Lab. The new space provides opportunities for improved instructional techniques through the use of mobile workstations that reproduced the work environment of photovoltaic solar installers and made better use of the limited space.

The restrooms adjacent to the current kitchen, which are the main restrooms for the east wing, were also upgraded with College funds. The College also unified the appearance of the corridor adjacent to the Fabrication and Innovation Lab.
PROJECT STATUS
Closeout

PROJECT CONSTRUCTION COMPLETION DATE
April 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: Terry Olsen
Architect/Engineer: LHB
Contractor: Morcon Construction
Owner’s Representative: NA

PROJECT SCHEDULE

<table>
<thead>
<tr>
<th>2014</th>
<th>2015</th>
<th>2016</th>
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<tbody>
<tr>
<td>AE DSN BA</td>
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</table>

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
DAKOTA COUNTY TECHNICAL COLLEGE
Transportation and Emerging Technical Lab Renovation, Phase 2

CAMPUS PLAN - Rosemount
Campus website: www.dctc.edu

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

PROJECT CONSTRUCTION COMPLETION DATE

PROJECT FUNDING
$ 200,000 2008 State G.O. Bonds (Design)
$ 7,430,000 2015 State G.O. Bonds (Design & Construction)
$ 7,630,000

PROJECT HIGHLIGHTS
Area: Remodel 68,000 GSF
Addition 2,962 GSF
Estimated Construction Cost: $6,070,000
Construction Bid Award: $5,966,000
Project Delivery Method: Design/Bid/Build

PROJECT TEAM
Campus Project Manager: Paul DeMuth
SO Program Manager: Barry Schaub
Architect/Engineer: TKDA Architects and Engineers
Contractor: Jorgenson Construction
Owner’s Representative: AFO Consultants

PROJECT SCHEDULE

<table>
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<tr>
<th>2015</th>
<th>2016</th>
<th>2017</th>
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<td>AE</td>
<td>SD</td>
<td>DD</td>
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</table>

| AE | Architectural/Engineering Design Consultant Selection |
| SD | Schematic Design Phase |
| DD | Design Development Phase |
| CD | Construction Document Phase |
| BA | Bidding and Award |
| CON | Construction Phases 2A,2B |
| CO | Project Close out |

Dakota County Technical College
Transportation & Emerging Technical Lab
Renovation

12/31/2016
LAKE SUPERIOR COLLEGE
Allied Health (‘86 Wing) Renovation

CAMPUS PLAN - Duluth
Campus website: www.lsc.edu

PROJECT DESCRIPTION
This is Phase 2 of the Health Science Center, which renovated, remodeled and updated classrooms and labs in the Allied Health and Science programs in the ‘86 Wing of the main building. The renovation creates opportunities for hands-on training in Physical Therapist Assistant, Dental Hygiene, Massage Therapist, Nursing Assistant and Radiologic Technology. The project focused 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 also provided larger general classrooms to improve utilization ratios, and general use/support spaces to accommodate continued high enrollment in allied health programs. The project also improved wayfinding by aligning corridors.
PROJECT STATUS
Closeout

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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<th>2014</th>
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SD  Schematic Design Phase
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CD  Construction Document Phase
BA  Bidding and Award
CON Construction
CO  Project Close out

Lake Superior College  Allied Health (86’ Wing) Renovation  12/31/2016
PROJECT DESCRIPTION
This project designed and constructed a new 754 stall parking ramp on the Metropolitan State University campus. The ramp was designed to accommodate parking needs for current as well as future growth of the university. The new parking ramp is located mid-block along Bates and be oriented east west with an entrance/exit onto Bates and entrance to and exit from Maria. The Bates edge consists of a four levels of parking, while the Maria side of the ramp is five levels. Accommodations were made to allow for future expansion of the 5th level deck and a phase 2 addition, to create a total of approximately 1,090 parking stalls. As part of this project, a surface parking lot was constructed on the south side of the ramp with an additional 76 parking stalls.
PROJECT STATUS
Closeout

PROJECT CONSTRUCTION COMPLETION DATE
July 2015

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

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

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

PROJECT ACTUAL/FORECAST SCHEDULE

<table>
<thead>
<tr>
<th>2014</th>
<th>2015</th>
<th>2016</th>
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Key:
AE = Architectural/Engineering Design Consultant Selection
BA = Bidding and Award
SD = Schematic Design Phase
CON = Construction
DD = Design Development Phase
CO = Project Close out
CD = Construction Document Phase

Metropolitan State University
St. Paul Parking Ramp
12/31/16
METROPOLITAN STATE UNIVERSITY
St. Paul Science Education Center New Construction

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

PROJECT DESCRIPTION
This project designed, constructed, furnished and equipped a new Science Education Center Building. Lab spaces vacated on the lower level of New Main were renovated to provide new classroom and lab spaced for the nursing program. The Science Education Center is linked to the main campus by a skyway for safety and efficient use of inter-departmental space sharing.

The Science Education Center now provides the science facilities necessary to support the rapidly growing Nursing and Health Science programs. Metropolitan State 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
Closeout

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: Chris Maas
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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Metropolitan State University St. Paul Science Education Center New Construction 12/31/16
METROPOLITAN STATE UNIVERSITY
St. Paul Student Center

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

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

PROJECT CONSTRUCTION COMPLETION DATE
October 2015

PROJECT FUNDING
$11,704,982 2013 Revenue Bonds (Design/Construction)
$11,704,982 Total

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

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

PROJECT ACTUAL/FORECAST SCHEDULE

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MINNEAPOLIS COMMUNITY AND TECHNICAL COLLEGE
Workforce Program Phase 2 Renovation

CAMPUS PLAN - Minneapolis
Campus website: www.minneapolis.edu

PROJECT DESCRIPTION
This project enhanced the learning environment with improved outside air delivery and increased the overall human comfort in the Workforce Program and Athletics spaces. This project provide air conditioning for the lower levels of the T Building and Bowman Hall. The project also included security system upgrades at the lower level access points, repaired deteriorating masonry planters around the exterior of the building, and replaced the deteriorated receiving dock drive, walkway, and masonry retaining wall and made improvements to receiving dock security and drainage. This project addressed a significant amount of deferred maintenance in the two buildings.
PROJECT STATUS
Closeout

PROJECT CONSTRUCTION COMPLETION DATE
August 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:  Roger Broz
SO Program Manager:  Jim Morgan
Architect/Engineer:  Cunningham Group
Construction Manager:  Mortenson
Owner’s Representative:  Pegasus Group

PROJECT SCHEDULE

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Minneapolis Community and Technical College  Workforce Program Phase 2 Renovation 12/31/16
CAMPUS PLAN - Moorhead
Campus website: www.minnesota.edu

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

PROJECT CONSTRUCTION COMPLETION DATE
July 2016

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

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

PROJECT TEAM
Campus Project Manager:  Robin Mattson
SO Program Manager:  Terry Olsen
Architect/Engineer:  JLG Architects
Contractor:  Gast General Contractors
Owner’s Representative:  CPMI

PROJECT SCHEDULE

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MINNESOTA STATE UNIVERSITY, MANKATO
Clinical Sciences Facilities – Phase 1 New Construction
Phase 2 Renovations

CAMPUS PLAN - Mankato
Campus website: www.mnsu.edu

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

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

PROJECT CONSTRUCTION COMPLETION DATE
Phase 1 - December 2016
Phase 2 – TBD

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
$ 7,442,000 Planned 2017 State G.O. Bonds (Construction)
$36,325,000 Total

PROJECT HIGHLIGHTS
Areas: Phase 1 - 79,022 GSF with full basement shell space
Phase 2 - TBD
Estimated Construction Cost: Phase 1 - $23,493,820
Phase 2 – $4,200,000
Construction Bid Award: Phase 1 - $22,747,000
Phase 2 - TBD
Project Delivery Method: Phase 1 - Design/Bid/Build
Phase 2 - TBD

PROJECT TEAM
Campus Project Manager: Paul Corcoran
SO Program Manager: Barry Schaub
Architect/Engineer: Perkins and Will
Contractor (Phase 1) Shaw-Lundquist Associates, Inc.
Contractor (Phase 2) TBD
Owner’s Representative: NA

PROJECT SCHEDULES
Phase 1

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

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

PROJECT CONSTRUCTION COMPLETION DATE
November 2016

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

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

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

PROJECT SCHEDULE

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12/31/2016
MINNESOTA STATE UNIVERSITY, MANKATO
Guaranteed Energy Savings Program

CAMPUS PLAN - Mankato
Campus website: www.mnsu.edu

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

PROJECT CONSTRUCTION COMPLETION DATE
October, 2017

PROJECT FUNDING
$8,092,143 Funding approved through projected energy savings
$8,092,143 Total

PROJECT HIGHLIGHTS
Area: 1,725,000 GSF in several campus buildings and site areas
Estimated Construction Cost: $8,092,143
Construction Bid Award: $8,092,143
Project Delivery Method: Guaranteed Energy Savings Program

PROJECT TEAM
Campus Project Manager: Paul Corcoran
SO Program Manager: Barry Schaub
Energy Services Company: Ameresco

PROJECT SCHEDULE

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12/31/2016
CAMPUS PLAN - Moorhead
Campus website:  [www.mnstate.edu](http://www.mnstate.edu)

PROJECT DESCRIPTION
This project designs, furnishes and equips an addition and renovation of Comstock Memorial Union. While providing gathering and socializing spaces, the new and renovated spaces improve visual connections throughout the building to student involvement programs, updates finishes, lighting, HVAC, fires alarm systems and improves ADA accessibility throughout.
PROJECT STATUS
Closeout

PROJECT CONSTRUCTION COMPLETION DATE
April 2016

PROJECT FUNDING
$4,500,000  2015 Revenue Bonds (Design & Construction)
$4,384,808  Campus Funds (Design & Construction)
$8,884,808  Total

PROJECT HIGHLIGHTS
Area: Remodel 37,000 GSF
       New 5,500 GSF
Estimated Construction Cost: $6,549,995
Construction Bid Award: $6,319,372
Project Delivery Method: Construction Manager at Risk

PROJECT TEAM
Campus Project Manager: Jeff Goebel
SO Program Manager: Terry Olsen
Architect/Engineer: Cuningham Group
Construction Manager: Terra Construction
Owner’s Representative: CPMI

PROJECT SCHEDULE

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Minnesota State University Moorhead
Comstock Memorial Union Renovation
12/31/2016
CAMPUS PLAN - Moorhead
Campus website: www.mnstate.edu

PROJECT DESCRIPTION
To improve the student experience and provide accessibility, this project designs, renovates, furnishes and equips the East Snarr residence hall, completing the Snarr Residence Hall Triad. It consists of a major renovation to refresh common areas and substantially improves student and staff rooms, including upgraded finishes, lighting, fire alarm, sprinkler and HVAC systems. Updated bathroom facilities and student amenities will be provided.
PROJECT STATUS
Design Development

PROJECT CONSTRUCTION COMPLETION DATE
June 2018

PROJECT FUNDING
$9,280,000 Residential Life Reserves
$9,280,000 Total

PROJECT HIGHLIGHTS
Area: Remodel 38,941 GSF
Estimated Construction Cost: $6,600,000
Construction Bid Award: GMP
Project Delivery Method: Construction Manager at Risk

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

PROJECT SCHEDULE

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MINNESOTA STATE UNIVERSITY MOORHEAD
Snarr Hall South Renovation

CAMPUS PLAN - Moorhead
Campus website: www.mnstate.edu

PROJECT DESCRIPTION
To enhance the student experience, this project designs, renovates, furnishes and equips South Snarr residence hall. Consisting of major renovation, it introduces new common areas and substantially improves student and staff rooms, including upgraded finishes, lighting, fire alarm and HVAC systems. Bathroom facilities and student amenities will also be updated.
**PROJECT STATUS**
Construction

**PROJECT CONSTRUCTION COMPLETION DATE**
July 2017

**PROJECT FUNDING**

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<th>Amount</th>
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<td>$8,780,000</td>
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<td>$8,780,000</td>
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**PROJECT HIGHLIGHTS**

- **Area:** Remodel 39,883 GSF
- **Estimated Construction Cost:** $6,294,406
- **Construction Bid Award:** GMP
- **Project Delivery Method:** Construction Manager at Risk

**PROJECT TEAM**

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

**PROJECT SCHEDULE**

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MINNESOTA WEST COMMUNITY AND TECHNICAL COLLEGE
Canby Campus Englund Hall HVAC Upgrades

CAMPUS
Campus website: www.mnwest.edu

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

PROJECT CONSTRUCTION COMPLETION DATE
August 2017

PROJECT FUNDING
$ 857,000  2015 State G.O. Bonds
$1,200,000  2014 HEAPR Funds
$2,057,000  Total

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

PROJECT TEAM
Campus Project Manager: Lori Voss
SO Program Manager: Jim Morgan
Architect/Engineer: Burns & McDonnell
Contractor: Bisbee Mechanical
Owner's Representative: CPMI

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 the existing obsolete Building B wing on the Jackson Main campus and the subsequent design and construction of a new Powerline Technician Training Facility on the same location. The new training facility will house indoor training spaces to teach and train students in power pole installation and removal, pole climbing techniques, installation and removal of pole hardware, safe operation of auger/derrick and bucket trucks, and other maintenance techniques used by powerline workers. This indoor 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.
PROJECT STATUS
Construction

PROJECT CONSTRUCTION COMPLETION DATE
June 2017

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

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

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

PROJECT SCHEDULE

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Minnesota West Community and Technical College
Jackson Powerline Technician Training Facility
12/31/2016
**PROJECT DESCRIPTION**

This project will demolish obsolete and underutilized space in Buildings G, the southwest wing of Building F and covered walkways for Buildings C, D, F, G and M. Renovate Building L and M to provide a one-stop service hub for student services, learning resources and continuing education, and construct a 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 on hold pending funding

PROJECT CONSTRUCTION COMPLETION DATE
TBD

PROJECT FUNDING
$ 387,000  2014 State G.O. Bonds (Design)
$11,665,000  Planned 2017 State G.O. Bonds (Construction)
$12,052,000  Total

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

Estimated Construction Cost: $8,165,000
Construction Bid Award: TBD
Project Delivery Method: Construction Manager at Risk

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

PROJECT SCHEDULE

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Key:
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- BA: Bidding and Award
- CON: Construction
- CO: Project Closeout
NHED - ITASCA COMMUNITY COLLEGE
Biomass Boiler System

CAMPUS PLAN – Grand Rapids, MN
Campus website:  www.itasca.edu

PROJECT DESCRIPTION
This project designed and installed 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 replaced the outdated wood boiler with “state of the art” woody biomass energy conversion biomass boiler. ICC serves as a regional and national model for the effective use of woody biomass. This project developed educational opportunities and training in renewable energies, and serves as a potential applied research lab for evaluating woody biomass fuel products.

The timing of the project allowed for the timely replacement of the boiler plant’s 48 year old steam boiler, with two energy efficient gas condensing hot water boilers using HEAPR funding. This simplified the central plant operations by converting everything to hot water verses partial hot water boiler and partial steam boilers with converter to change steam to hot water and provided updated controls for the biomass and modular gas boilers.
# PROJECT STATUS

Closeout

# PROJECT CONSTRUCTION COMPLETION DATE

December 2016

# PROJECT FUNDING

$ 965,000 2014 State G.O. Bonds (Design & Construction)
$ 778,757 HEAPR (Design & Construction)
$1,743,757 Total

# PROJECT HIGHLIGHTS

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<th>Area:</th>
<th>Remodel 1,859 GSF</th>
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# PROJECT TEAM

| Campus Project Manager: | Chad Haatvedt |
| SO Program Manager: | Jim Morgan |
| Architect/Engineer: | Stanley Consultants |
| Contractor: | JK Mechanical Contractors, Inc. |

# PROJECT SCHEDULE

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| AE | Architectural/Engineering Design Consultant Selection |
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PROJECT DESCRIPTION
This project designed and renovated the Fine Arts studio and adapts an adjacent classroom to a media design center and renovates three laboratories, four adjacent prep spaces, and two offices in the Natural Science (NS) building.

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

The existing GIS lab was 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) was converted to a specialized computer mapping station allowing for collaborative work across the disciplines. Another vacant office (NS 118) was converted to a mini (2-3 stations) AUTOCAD lab for Natural Science student use. These areas, along with the adjacent lobby, created an informal learning community space for students in the Natural Science programs (over 70% of full time students). The NS 111, a natural science lab that also served as a lecture classroom, was reconfigured to increase room capacity to 80. Document cameras were installed, along with a projection podium and dual screens/projectors. A fire suppression system was installed along with new ceilings and HVAC controls. A new “slop” room allows students a space to clean equipment, clothing, and themselves after coming in from field work. This room doubles as a unisex restroom.
PROJECT STATUS
Closeout

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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NHED - VERMILION COMMUNITY COLLEGE  
Student Housing  

CAMPUS PLAN – Ely, MN  
Campus website: www.vcc.edu

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

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

PROJECT CONSTRUCTION COMPLETION DATE
June 2017

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

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

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

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NORTHLAND COMMUNITY AND TECHNICAL COLLEGE
Thief River Falls Aviation Maintenance Facility Addition and Demolition

CAMPUSS PLAN – Thief River Falls
Campus website: www.mnstate.edu

PROJECT DESCRIPTION
This project designs and renovates the existing Aviation Maintenance Technology (AMT) facilities at the NCTC airport campus. The existing facility was inadequately designed to support the future needs of the Unmanned Aerial Systems (UAS) and Imagery Analyst (IA) programming and needed to be replaced. Additionally, campus airport facilities were brought in line with today’s technology standards in order to properly interface with the equipment needed for the AMT, UAS and IA training programs. To meet these needs, both the Arctic and Composite hangers were demolished. A new multi-purpose structure connecting the Aviation Classroom Building with the Swenson Hanger was constructed. The existing Recip Hanger was renovated into consolidated storage space. This project allows for training and partnerships within the industry and ultimately ensures that NCTC will have a significant influence in the UAS and aviation industry.
PROJECT STATUS
Close Out

PROJECT CONSTRUCTION COMPLETION DATE
June 2016

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

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

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

PROJECT SCHEDULE

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Legend:
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CON Construction
CO Project Close out

Northland Community and Technical College
Thief River Falls Aviation Maintenance Facility Addition and Demolition 12/31/2016
RIVERLAND COLLEGE
Guaranteed Energy Savings Program

CAMPUS PLAN - Riverland
Campus website: www.riverland.edu

PROJECT DESCRIPTION
The state of Minnesota established the Guaranteed Energy Savings Program as a performance-based procurement and financing mechanism to accomplish facility energy-use related improvements. Energy use and operational savings are achieved through retrofit installations of higher efficiency and renewable energy equipment and systems. Projected utility cost savings are used to finance and construct the improvements initially. An Energy Savings Performance Contract leverages the energy and operational savings to finance the retrofits at no net cost to the facility. At this college the major improvements will be retrofits of highly efficient LED light fixtures and some improvements with the building envelope and building control systems.
PROJECT STATUS
Closeout

PROJECT CONSTRUCTION COMPLETION DATE
December, 2016

PROJECT FUNDING
$1,849,641 Funding approved through projected Energy Savings
$1,849,941 Total

PROJECT HIGHLIGHTS
Area: 389,000 GSF at the Austin and Owatonna campuses
Estimated Construction Cost: $1,849,641
Construction Bid Award: $1,849,641
Project Delivery Method: Guaranteed Energy Savings Program

PROJECT TEAM
Campus Project Manager: Brad Doss
SO Program Manager: Barry Schaub
Energy Services Company: Honeywell

PROJECT SCHEDULE

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

BA Bidding and Award
CON Construction
CO Project Close out

Riverland College
Guaranteed Energy Savings Program

12/31/2016
ROCHESTER COMMUNITY AND TECHNICAL COLLEGE
Memorial and Plaza Halls Demolition Design and Renovation

CAMPUS PLAN - Rochester
Campus website: www.rctc.edu

PROJECT DESCRIPTION
This project provides for the demolition of the existing Memorial and Plaza Halls and related facilities. These halls house a large number of faculty offices, Anatomy and Physiology labs with lab preparation spaces, flexible classrooms, and support spaces in the two badly deteriorated halls. The project also includes the design for renovated and replacement spaces to relocate building occupants to improved facilities. The project also includes major campus infrastructure improvements to replace an obsolete grounds building, fuel storage and a new central chiller plant for the east campus. Funds were appropriated for the design work by the 2014 legislative session. The system expects to request additional funding in 2016 to complete the demolition, renovation, and construction of new spaces for replacement of offices, medical program labs, and classrooms.
**PROJECT STATUS**
Design on hold pending funding

**PROJECT CONSTRUCTION COMPLETION DATE**
TBD

**PROJECT FUNDING**
$1,000,000  2014 State G.O. Bonds (Design)
$21,713,000  Planned 2017 Capital Budget Request (Construction)
$22,713,000  Total

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

**PROJECT TEAM**
Campus Project Manager:  Shayn Jensson
SO Program Manager:  Barry Schaub
Architect/Engineer:  Bentz, Thompson, Rietow, Inc.
Contractor:  TBD
Owner’s Representative:  Pegasus Group

**PROJECT SCHEDULE**

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SAINT PAUL COLLEGE
Health and Science Alliance Center Addition

CAMPUS PLAN – St. Paul
Campus website: www.saintpauledu

PROJECT DESCRIPTION
This project designs, constructs, furnishes and equips a new classroom and laboratory building located on the westerly end of the existing campus facilities. The new building will address the growing demand for health and science programs offered by the College in partnership with public and private programs in nursing, medical lab technology, chemistry and allied careers. The project will also include a walkway/entry component to connect to the new west end parking ramp and serve as a major entry to the campus.

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

PROJECT CONSTRUCTION COMPLETION DATE
June 2017

PROJECT FUNDING
$ 1,500,000   2012 State G.O. Bonds (Design)
$18,829,000   2015 State G.O. Bonds (Construction)
$ 20,329,000   Total

PROJECT HIGHLIGHTS
Area: New 39,037 GSF; Remodel 5,630 GSF
Estimated Construction Cost: $14,250,000
Construction Bid Award: $14,250,000
Project Delivery Method: Construction Management at Risk

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

PROJECT SCHEDULE

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ST. CLOUD STATE UNIVERSITY
Student Health and Academic Renovation, Eastman Hall

CAMPUS PLAN – St. Cloud
Campus website: www.stcloudstate.edu

PROJECT DESCRIPTION
The renovation of Eastman Hall will create greater integration of academic and student service programs. The location of the School of Health and Human Services, Human Performance Lab, Student Health Services, and the U-Choose Program into currently empty space at Eastman Hall will serve a growing, diverse student population as well as develop collaborative interdisciplinary programs to support workforce demands in health and human services. Improving these professional spaces will allow existing academic programs, such as radiologic technology, to offer more real world experiences to students.

This project co-locates 4 student health services programs in a facility currently not in use with an extensive renovation, and constructs a significant infill mezzanine area while keeping the building’s footprint the same. In addition to new work, this eliminates $3.8 million of deferred maintenance backlog. The program consolidation strengthens ties with local medical communities by utilizing attractive existing space in a beautiful historic building for additional square footage without creating a new footprint or compromising the exterior appearance.
**PROJECT STATUS**
Design on hold pending funding

**PROJECT CONSTRUCTION COMPLETION**
TBD

**PROJECT FUNDING**
$865,000  2014 State G.O. Bonds (Design)
$20,568,000  Planned 2018 State G.O. Bonds (Design & Construction)
$21,433,000

**PROJECT HIGHLIGHTS**
Area:  Renovation 43,291 GSF;  New 15,562 GSF
Estimated Construction Cost:  $14,713,000
Construction Bid Award:  TBD
Project Delivery Method:  Construction Manager at Risk

**PROJECT TEAM**
Campus Project Manager:  Phil Moessner
SO Program Manager:  Terry Olsen
Architect/Engineer:  RSP Architects
Construction Manager:  Terra General Contractors
Owner’s Representative:  Pegasus Group

**PROJECT SCHEDULE**

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

Campus website:  www.winona.edu

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

The project impacts more than 20 classrooms/labs, improves accessibility, and includes observation rooms, and faculty offices to create a holistic learning and mentoring environment.
PROJECT STATUS
Phase I Construction, Phase II Design

PROJECT CONSTRUCTION COMPLETION DATE
Phase I – August 2017
Phase II – October 2018

PROJECT FUNDING
$ 5,902,000  2014 State G.O. Bonds (Ph I & II Design/ Ph I Construction)
$25,306,000  Planned 2017 State G.O. Bonds (Ph II Construction) – Currently unfunded
$31,208,000  Total

PROJECT HIGHLIGHTS
New Addition: 6,450 GSF (Phase II)
Renovation: 82,696 GSF
Demolition: 28,600 GSF
Estimated Construction Cost: $21,980,000 (Phase II)
Construction Bid Award: $3,191,464 (Phase I)
Project Delivery Method: Construction Manager at Risk

PROJECT TEAM
Campus Project Manager: James Kelly
SO Program Manager: Karen Huiett
Architect/Engineer: Leo A. Daly Architects
Construction Manager at Risk: Kraus-Anderson Construction Company

PROJECT SCHEDULE

Phase I

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<td>JFMAM</td>
</tr>
</tbody>
</table>

AE  SD  DD  CD  BA  CON  CO

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