



Minnesota
STATE COLLEGES
& UNIVERSITIES

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MEMORANDUM

DATE: January 25, 2016

TO: 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 July 1, 2015 through December 31, 2015 is available online at <http://www.finance.mnscu.edu/facilities/design-construction/cip/index.html>.

Please let me know if you have any questions.

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

Status Report for

**CAPITAL
IMPROVEMENT
PROGRAM**

July 1, 2015 – December 31, 2015



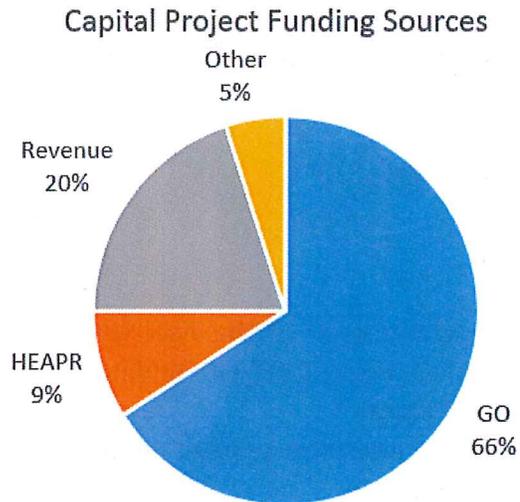
Minnesota
STATE COLLEGES
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EXECUTIVE SUMMARY

As of December 31, 2015, there is \$463.1 million in major capital projects in either design or construction active at our colleges and universities. General obligation (GO) bonded capital projects account for 66.22% (\$306.7 million), GO bonded Higher Education Asset Preservation and Replacement (HEAPR) projects represent 9.2% (\$42.6 million), and the Revenue Fund totals 19.85% (\$91.9 million). Other funds total 4.73% and augment scope of capital projects through private donations, federal and state grants, and campus general operating fund. Overall program execution is on schedule with no major issues.



PREFACE

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 July 1, 2015 through December 31, 2015. The next CIP reporting period is January 1, 2016 through June 30, 2016. This report is broken into three sections.

Section 1 Background begins with an overview of project delivery methods, followed by enterprise project management system summary. Next, are two lists of contracts over \$1 million dollars executed during this reporting period. The first list of contracts is funded with campus resources and the second list is funded by GO bond fund, HEAPR and Revenue fund source.

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

- GO Bond Fund projects
- GO Bond Fund HEAPR projects
- Revenue Fund project
- Other fund projects

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

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

GO Bond Fund Program Overview and Revenue Fund Program Overview also include a list of projects active during this reporting period with their status. HEAPR Program Overview includes distribution by 10 categories of work types.

Section 3 Project Summary includes 42 individual project details for GO Bond Fund and Revenue Fund 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) at <http://www.finance.mnscu.edu/facilities/design-construction/projectstatus/index.html>. CIPS summaries on web are updated monthly.

SECTION 1 BACKGROUND

Project Delivery Methods

Design/Bid/Build (D/B/B) is the traditional delivery method 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 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 26 projects using this delivery method with construction amount totaling \$50 million. As of the end of this reporting period, a total of 17 projects have been completed or are in close out using this delivery system. This report includes 3 projects active in design, 4 projects in construction and 4 projects in closeout.

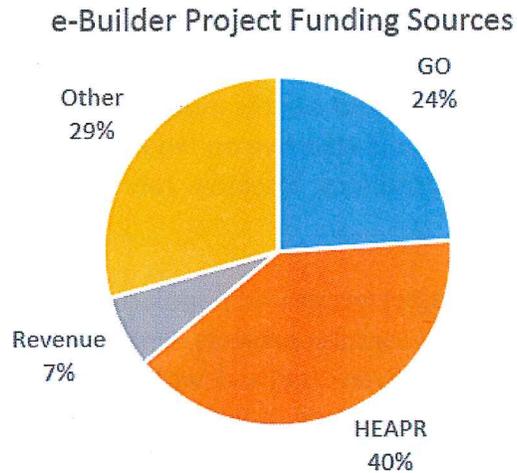
CM@r allows the Construction Manager (General Contractor) to be selected during the design phase based on combination of qualifications and fees. After a Guaranteed Maximum Price (GMP) is established, the project is issued for bids to a list of subcontractors that were pre-qualified by the construction 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.

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, then the GESp vendor pays the difference between actual savings and agreed upon savings.

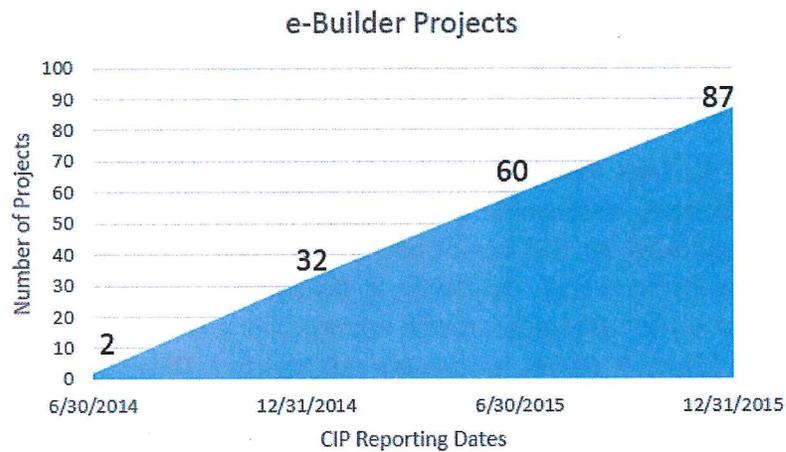
In the previous reporting period, the Board of Trustees approved GESp projects at Riverland Community College and MSU, Mankato. In this reporting period, Riverland Community College has obtained lease-purchase financing and its GESp contractor is bidding out subcontractor work for the project. MSU, Mankato is finalizing its scope of work and preparing with the Department of Commerce to solicit financing for its lease-purchase agreement.

Enterprise Project Management System

“e-Builder” has been the system’s project management platform since 2013. Colleges/universities have found benefits using e-Builder and are now including on campus funded projects.



Currently, there is a total of 82 projects which is close to three times the amount a year ago. Effective January 2016, all new projects are required to be managed in e-Builder.



In the near future, much of the data for this report will be generated from e-Builder.

**Contracts over One Million Dollars
Funded with Campus Resources**

The following previously Board approved contracts greater than \$1 million were executed in this reporting period with campus resources.

Institution	Project Name	Contract Type & Amount	Vendor Name
Inver Hills Community College	Activities Building Renovation Phase I	Construction \$1,475,000	Jorgenson Construction Inc
North Hennepin Community College	Campus Center Remodel	Construction \$1,066,997	Erickson Builders and Co, Inc
Riverland Community College	Guaranteed Energy Saving Program	Construction \$1,846,019	Honeywell
Rochester Community and Technical College	CTECH Village - City Sales Tax	Design and Construction \$5,628,200	Knutson Construction Services, Rochester
Winona State University	CP Rail Pedestrian Tunnels Phase 1	Construction \$1,727,764	Soo Line Railroad Co. Canadian Pacific (Kraemer North America LLC)
Winona State University	CP Rail Pedestrian Tunnels Phase 2	Construction \$4,475,845	ECCO Construction LLC

Amount identified is original contract amount and does not reflect any change orders.

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

The following contracts greater than \$1 million were executed in this reporting period funded by GO bond fund, HEAPR and Revenue Fund. Contract approval was part of the Board's previous program approval.

Institution	Project Name	Contract Type & Amount	Vendor Name
Anoka Technical College	Replace and Convert Air Handler Units, Main, PH 2a-b	Construction \$1,050,700	Pioneer Power, Inc.
Central Lakes College	Staples Campus Rightsizing	Construction \$3,200,000	McGough Construction Co., Inc.
Winona State University	Education Village Renovation	Design \$1,715,466	Leo A Daly

Amount identified is original contract amount and does not reflect any change orders.

SECTION 2 PROGRAM SUMMARIES

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

GO Bond Fund Program Financial Spending Table for 2002-2015

Year	Appropriation Amount	Number of Projects	Encumbrance Percentage	Spent Percentage	Free Balance Percentage
2002	\$98,847,000	11	100%	100%	0%
2003	\$59,615,000	18	100%	100%	0%
2005	\$172,864,465	75	100%	100%	0%
2006	\$162,211,711	46	100%	100%	0%
2008	\$181,125,090	45	100%	100%	0%
2009	\$1,767,550	2	100%	100%	0%
2010	\$52,416,971	17	100%	100%	0%
2010C	\$1,952,029	12	100%	100%	0%
2011	\$101,163,284	7	99.6%	99.4%	0.4%
2011C	\$422,716	2	99.7%	99.5%	0.3%
2012	\$108,886,219	21	99.7%	99.2%	0.3%
2012C	\$3,070,972	13	39.9%	35.5%	60.1%
2014	\$117,279,494	26	90.4%	61.5%	9.6%
2014C	\$32,506	1	0%	0%	100%
2015	\$31,943,000	5	5.4%	.4%	94.6%

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

General Obligation (GO) Bond Fund Project List

The following is a list of 37 General Obligation bond projects that were active during this reporting period of July 1, 2015 – December 31, 2015. Status of each project as of December 31, 2015 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.

MnSCU Institution

Campus/Project	Status
Anoka Technical College	
Manufacturing Technology Hub, and Auto Tech Lab Renovation	<i>Design</i>
Bemidji State University	
Academic Learning Center and Campus Renovation	<i>Design</i>
Memorial, Decker Renovation, Sanford Hall Demolition	<i>Construction</i>
Central Lakes College	
Staples Campus Rightsizing Renovation	<i>Construction</i>
Century College	
Academic Partners Classroom	<i>Closeout</i>
Digital Fab Lab Renovation, Kitchen Space Renovation and Renewal, Solar Technician Lab Renovation	<i>Construction</i>
Dakota County Technical College	
Transportation & Emerging Tech Lab Renovation – Phase I	<i>Closeout</i>
Transportation & Emerging Tech Lab Renovation – Phase II	<i>Design</i>
Hennepin Technical College	
Learning Resource Center & Student Services Center Renovation	<i>Closeout</i>
Lake Superior College	
Allied Health (86' Wing) Renovation	<i>Closeout</i>
Metropolitan State University	
St. Paul Science Education Center New Construction	<i>Closeout</i>

MnSCU Institution	Status
Campus/Project	
Minneapolis Community and Technical College Workforce Program Phase 2 Renovation	<i>Closeout</i>
Minnesota State College – Southeast Technical Red Wing Classroom Renovation	<i>Closeout</i>
Winona Science Labs Renovation	<i>Closeout</i>
Winona Welding and Mechatronics Renovation	<i>Closeout</i>
Minnesota State Community and Technical College Moorhead Transportation Center Addition, Renovation and Demolition	<i>Construction</i>
Minnesota State University, Mankato Clinical Science Facility New Construction and Renovation	<i>Construction</i>
Minnesota West Community Technical College Canby Geothermal HVAC Systems Renovation	<i>Design</i>
Jackson Powerline Technology Training Facility	<i>Design</i>
NHED-Hibbing Community College Campus Renovation and Rightsizing	<i>Design</i>
NHED-Itasca Community College Academic Classroom Addition and Renovation	<i>Closeout</i>
Biomass Boiler System	<i>Re-Bid</i>
Wilson Hall Lab Renovation	<i>Closeout</i>
NHED-Rainy River Community College Nursing Lab Renovation	<i>Closeout</i>
NHED-Vermilion Community College Art Classroom Renovation	<i>Closeout</i>
Natural Science Labs Renovation	<i>Closeout</i>
North Hennepin Community College Bioscience & Health Careers Addition	<i>Closeout</i>
Northland Community and Technical College Thief River Falls Aviation Maintenance Facility Addition and Demolition	<i>Construction</i>

MnSCU Institution	Campus/Project	Status
Ridgewater College	Willmar Tech Instruction Lab Renovation	<i>Closeout</i>
Rochester Community and Technical College	Plaza and Memorial Halls Demolition Design and Renovation	<i>Design</i>
	Workforce Center Co-location	<i>Closeout</i>
St. Cloud State University	Student Health and Academic Renovation, Eastman Hall	<i>Design</i>
Saint Paul College	Culinary Arts Lab Renovation	<i>Closeout</i>
	Health and Science Alliance Center Addition	<i>Award</i>
	Machine Tool Renovation	<i>Closeout</i>
South Central College	Faribault Classroom Renovation & Addition	<i>Closeout</i>
Winona State University	Education Village, Phase I & II, Renovation	<i>Design</i>

**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.

HEAPR Program Financial Spending Table for 2002-2015

Year	Appropriation Amount	Number of Projects	Encumbrance Percentage	Spent Percentage	Free Balance Percentage
2002	\$59,999,254	171	100%	100%	0%
2003	\$101,000	1	100%	100%	0%
2005	\$41,500,000	80	100%	100%	0%
2006	\$40,153,878	101	100%	100%	0%
2008	\$59,599,910	137	100%	100%	0%
2009	\$40,000,000	159	100%	100%	0%
2010	\$52,000,000	154	100%	100%	0%
2010C	\$1,952,029	12	100%	100%	0%
2011	\$30,000,000	132	100%	100%	0%
2011C	\$422,716	2	99.7%	99.5%	0.3%
2012	\$20,000,000	68	99.7%	99.3%	0.3%
2012C	\$3,070,972	13	39.9%	35.5%	60.1%
2014	\$42,500,000	61	74.7%	67.1%	25.3%
2014C	\$32,506	1	0%	0%	100%

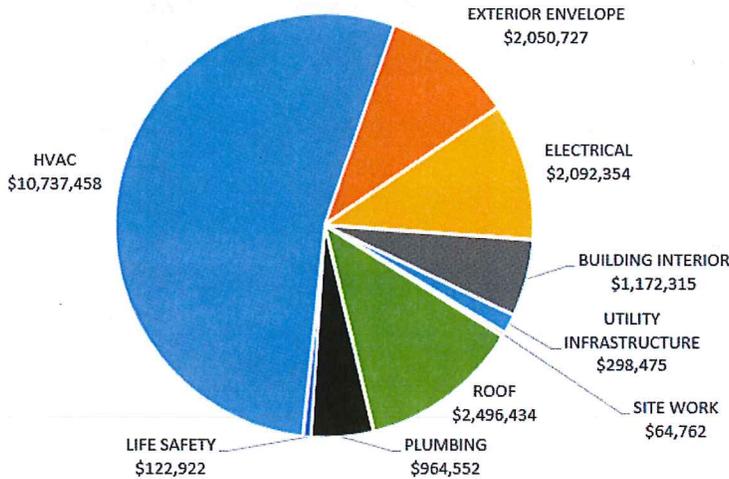
Note: "C" indication after year identifies GO funds converted to HEAPR

**General Obligation Bond Fund (GO)
Higher Education Asset Preservation and Replacement (HEAPR)
Categories of work types**

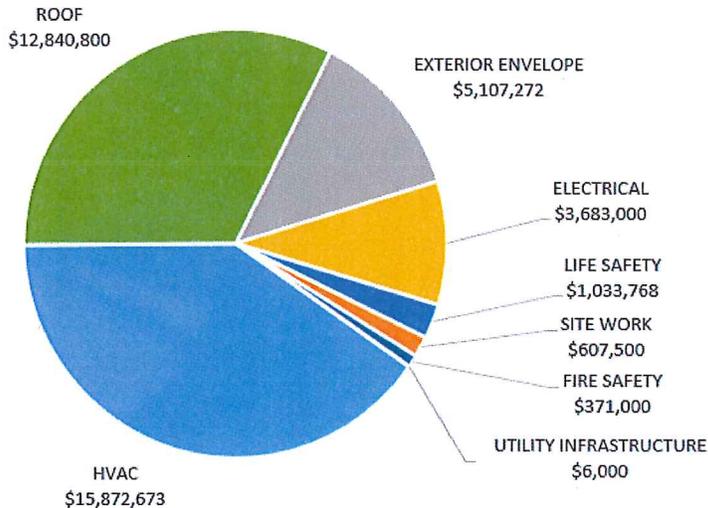
HEAPR 10 work categories distribution are shown below for 2012 and 2014 HEAPR appropriations.

- Building interior
- Electrical
- Exterior envelope
- Fire Safety
- HVAC
- Life Safety
- Plumbing
- Roof Replacement
- Site Work
- Utility Infrastructure

2012 HEAPR by Category



2014 HEAPR by Category



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.

Revenue Fund Financial Spending Table for 2002-2015

Year	Appropriation Amount	Number of Projects	Encumbrance Percentage	Spent Percentage	Free Balance Percentage
2002	\$36,275,000	14	102.0%	102.0%	0%
2005	\$45,320,000	6	112.0%	112.0%	0%
2007	\$43,070,000	4	103.7%	103.7%	0%
2008	\$41,020,000	3	100.7%	100.7%	0%
2009	\$35,810,000	6	100.2%	100.2%	0%
2011 A&B	\$85,800,000	10	100.2%	100.2%	0%
2011 C	\$12,000,000	1	100.1%	100.1%	0%
2013	\$60,378,220	7	97.6%	96.1%	2.4%
2015	\$45,540,000	3	79.0%	37.6%	21.0%

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

**Revenue Fund Projects
Project List**

The following is list of five active Revenue Fund Projects that were active during this reporting period of July 1, 2015 – December 31, 2015. Status of each project as of December 31, 2015 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.

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

Other Fund Program Summary

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

The significant increase in 2014 is primarily due to financing for Guaranteed Energy Saving Program at Riverland Community College and city sales tax for shared athletic and CTECH facilities at Rochester Community & Technical College.

Other Fund Program Financial Spending Table for 2002-2016

Fiscal Year	Amount	Spent Percentage	Free Balance Percentage
2002	\$4,197,261	100%	0%
2005	\$200,265	100%	0%
2006	\$8,625,506	100%	0%
2008	\$3,366,341	100%	0%
2010	\$1,476,957	100%	0%
2012	\$5,001,777	99.9%	.1%
2013	\$374,333	100%	0%
2014	\$11,517,667	50.3%	0%
2015	\$2,302,501	75.3%	6.5%
2016	\$4,553,717	6.9%	44.0%

SECTION 3 PROJECT SUMMARIES

Appendix

The following 42 individual project summaries (two-page pull out sheets) funded by General Obligation Bond Fund and Revenue Fund are arranged alphabetically by college and university.

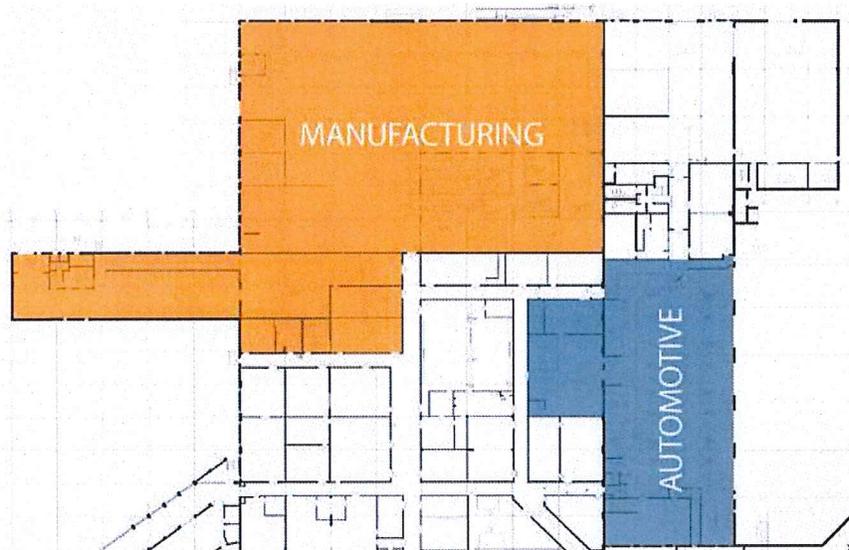
ANOKA TECHNICAL COLLEGE

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 shop areas in order to accommodate the increased demand in the program and update curriculum to stay ahead of industry demand.

PROJECT STATUS

Design

PROJECT CONSTRUCTION COMPLETION DATE

September 2016

PROJECT FUNDING

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

\$ 2,114,000 Total

PROJECT HIGHLIGHTS (Phase 1)

Area: Renew 37,025; Remodel 5,000 GSF
 Estimated Construction Cost: \$1,585,000.00
 Construction Bid Award: NA
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

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

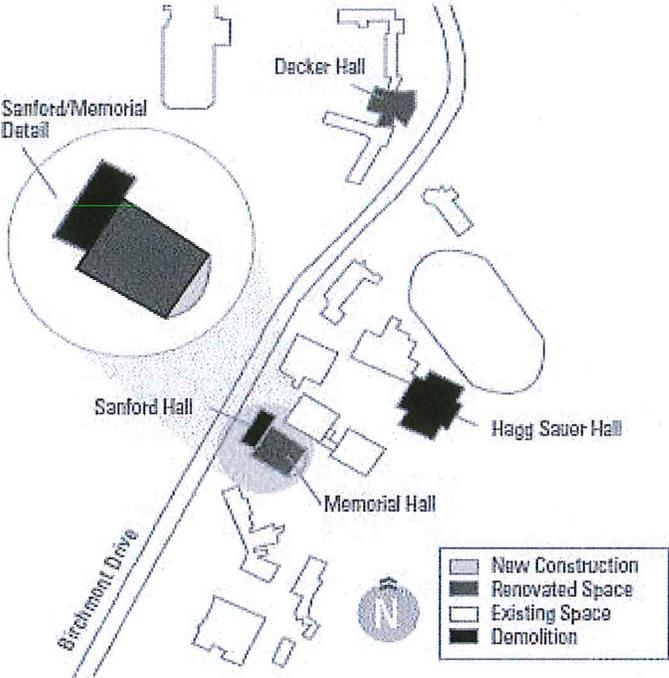
PROJECT SCHEDULE

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

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

BEMIDJI STATE UNIVERSITY

Academic Learning Center and Campus Renovation



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



Hagg Sauer Hall

PROJECT DESCRIPTION

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

PROJECT STATUS

Design

PROJECT CONSTRUCTION COMPLETION DATE

July 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: Terra Construction
 Owner's Representative: AFO Consultants

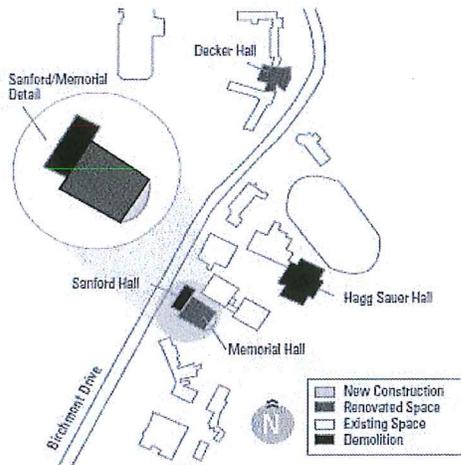
PROJECT SCHEDULE

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

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

BEMIDJI STATE UNIVERSITY

Memorial, Decker Renovation, Sanford Hall Demolition



CAMPUS PLAN - Bemidji

Campus website: www.bemidjistate.edu



Memorial Hall



Decker Hall

PROJECT DESCRIPTION

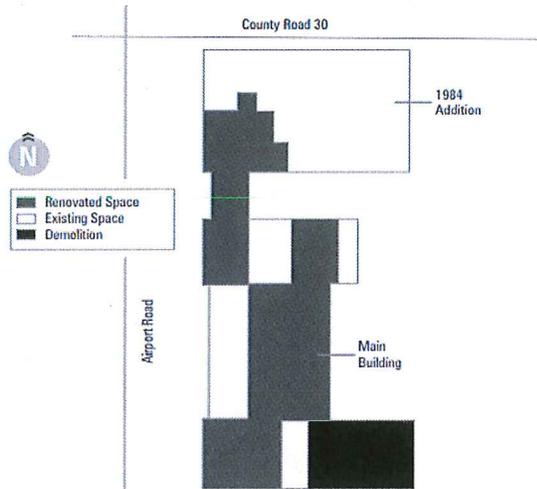
This project provides for the renovation of Memorial and Decker Halls, the demolition of Maple and Sanford Halls and a small addition to Memorial Hall. Design funding for the entire project and funds to demolish Maple Hall have been included in the 2012 Capital Bonding bill. A future capital bonding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

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

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

CENTRAL LAKES COLLEGE

Staples Campus Rightsizing Renovation



CAMPUS PLAN – Staples

Campus website: www.clcmn.edu



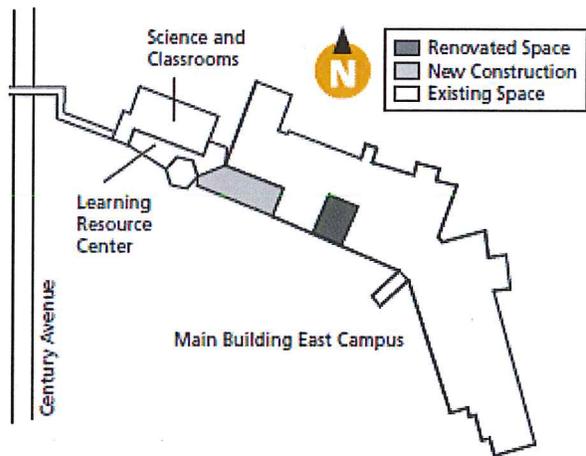
PROJECT DESCRIPTION

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

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

CENTURY COLLEGE

Academic Partners Classroom Addition



CAMPUS PLAN – White Bear Lake

Campus website: www.century.edu



PROJECT DESCRIPTION

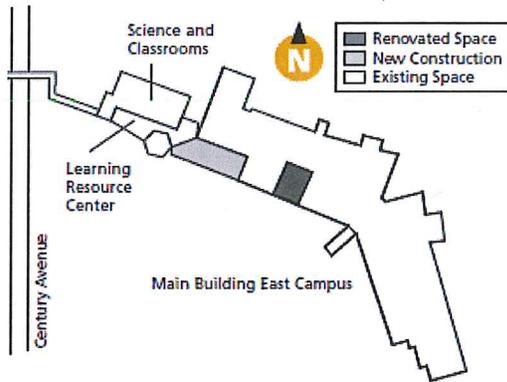
This Project designs, constructs, renovates, furnishes, and equips classrooms and related spaces. The addition is for approximately 8,300 GSF to include six technology enhanced classrooms. The addition will encompass the existing walkway between the Science/Library addition and where it exits the existing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

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



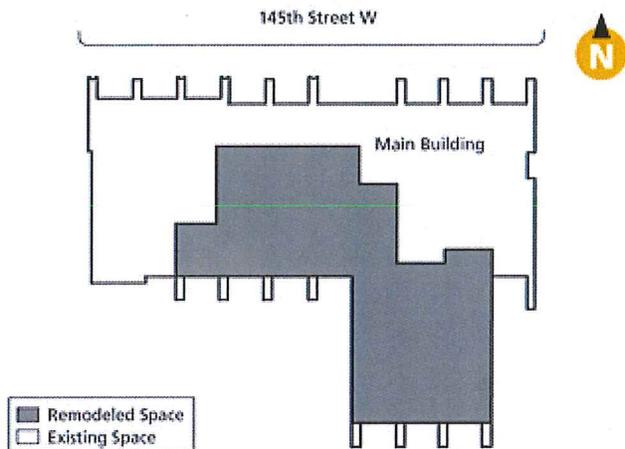
PROJECT DESCRIPTION

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.

DAKOTA COUNTY TECHNICAL COLLEGE

Transportation and Emerging Technical Lab Renovation



CAMPUS PLAN - Rosemount

Campus website: www.dctc.edu



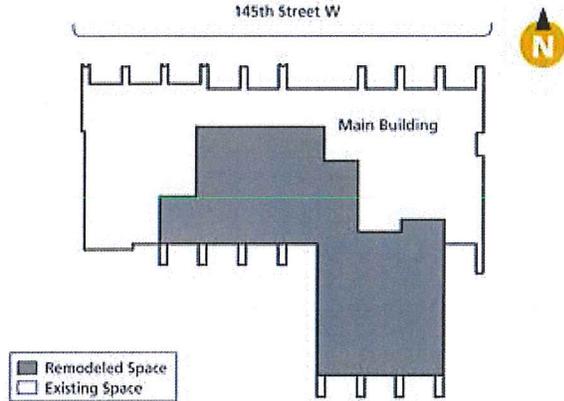
PROJECT DESCRIPTION

This project reorganizes and renovates Dakota County Technical College's Transportation and Technical Divisions, representing approximately 20 percent of the facility's overall square footage. The project will improve instructional program space in a number of high-wage, high-demand transportation-related program areas, including automotive technician, automotive body collision, heavy construction equipment mechanic, heavy duty truck technology, and railroad conductor training. An anticipated future phase of the project includes improvements to instructional space dedicated to the emerging technology fields of biomedical equipment technology and nanotechnology. That project phase is designed to accommodate future Science, Technology, Engineering, and Math (STEM) programs that Dakota County Technical College is considering such as civil engineering and environmental technology.

The projects will have a positive impact on the college's deferred maintenance backlog. Approximately \$8.3 million of the current project's and anticipated project's budget will address deferred maintenance.

DAKOTA COUNTY TECHNICAL COLLEGE

Transportation and Emerging Technical Lab Renovation



CAMPUS PLAN - Rosemount

Campus website: www.dctc.edu



PROJECT DESCRIPTION

This project is phase 2 for renovation of the Heavy Duty Truck program, Heavy Construction Equipment program, multiuse classrooms, and common use spaces. New space will be recovered for possible new and existing emerging technology programs such as Mass Transit Technologies, Biomedical Equipment, Nanoscience Technology and Energy Technical Specialists. This project remodels instructional spaces that augment high-wage and high-demand transportation programs. The renovation aims to maximize space utilization by creating common classroom and laboratory spaces for related academic programs, thereby eliminating redundancies in specialized large equipment needs. The project will alleviate cramped spaces, improve wayfinding, and provide student gathering spaces that are appropriate for a higher education institution. Completion of this project will allow DCTC to accomplish significant components of the master plan. This project renovates areas of the college that have not undergone a remodel since its original construction in 1973.

PROJECT STATUS

Design

PROJECT CONSTRUCTION COMPLETION DATE

Phase 2A, August, 2016. Phase 2B, August, 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: AFO Consultants

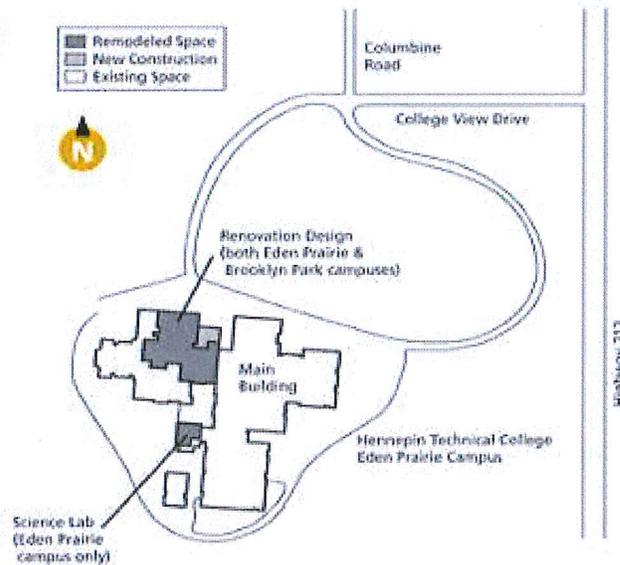
PROJECT SCHEDULE

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

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

HENNEPIN TECHNICAL COLLEGE

Learning Resource Center & Student Service Center Renovation



CAMPUS PLAN – Brooklyn Park and Eden Prairie

Campus website: www.hennepintech.edu



PROJECT DESCRIPTION

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

PROJECT STATUS

Closeout

PROJECT CONSTRUCTION COMPLETION DATE

May 2013

PROJECT FUNDING

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

PROJECT HIGHLIGHTS

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

PROJECT TEAM

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

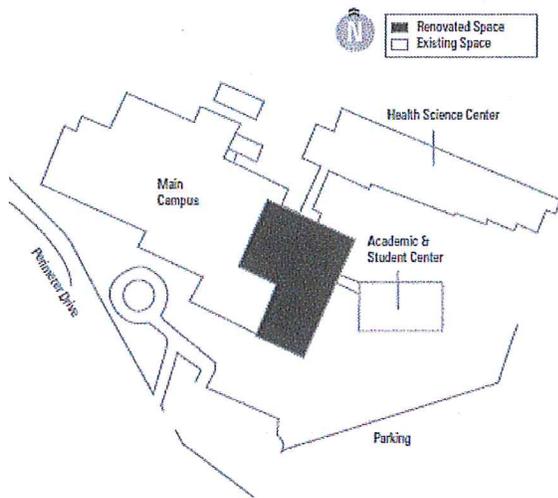
PROJECT SCHEDULE

2008			2009			2010			2011			2012			2013			2014			2015																				
J	F	M	A	M	J	J	F	M	A	M	J	J	F	M	A	M	J	J	F	M	A	M	J	J	F	M	A	M	J	J	F	M	A	M	J	J	F	M	A	M	J
			AE	SD																																					
				DD	CD										BA	CON																									

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

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

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

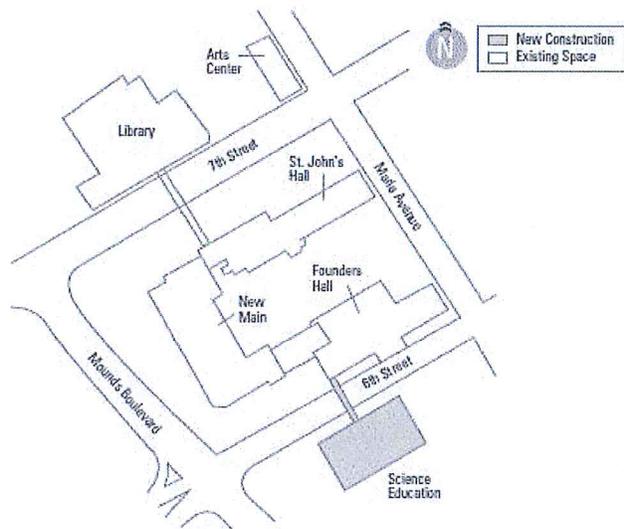
PROJECT SCHEDULE

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

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

METROPOLITAN STATE UNIVERSITY

St. Paul 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 in the lower level of New Main. The Science Education Center will be linked to the other campus buildings by a skyway for safety and efficient use of inter-departmental space sharing.

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

METROPOLITAN STATE UNIVERSITY

St. Paul Parking Ramp



CAMPUS PLAN – St. Paul

Campus website: www.metrostate.edu



PROJECT DESCRIPTION

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

PROJECT STATUS

Closeout

PROJECT CONSTRUCTION COMPLETION DATE

July 2015

PROJECT FUNDING

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

PROJECT HIGHLIGHTS

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

PROJECT TEAM

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

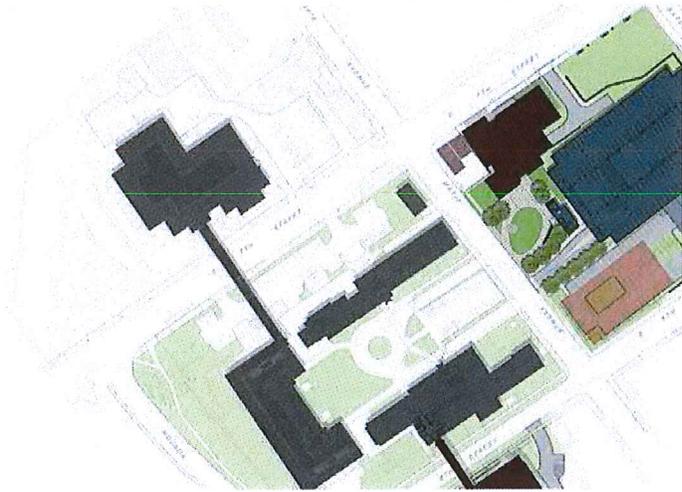
PROJECT ACTUAL/FORECAST SCHEDULE

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

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

METROPOLITAN STATE UNIVERSITY

St. Paul Student Center



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 27,500 sf on two levels, located along East 7th Street, 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

Substantial Completion – Kitchen anticipated completion Feb. 2016

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: Dan Hambrock
 SO Program Manager: Jim Morgan
 Architect/Engineer: BWBR
 Construction Manager: Adolfson & Peterson Construction
 Owner's Representative: CPMI

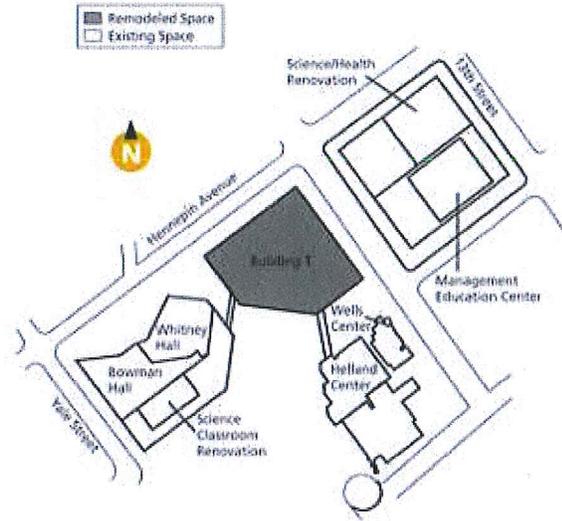
PROJECT ACTUAL/FORECAST SCHEDULE

2012					2013					2014					2015					2016															
J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
					AE	SD					DD	C	BA	CON					CO																

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

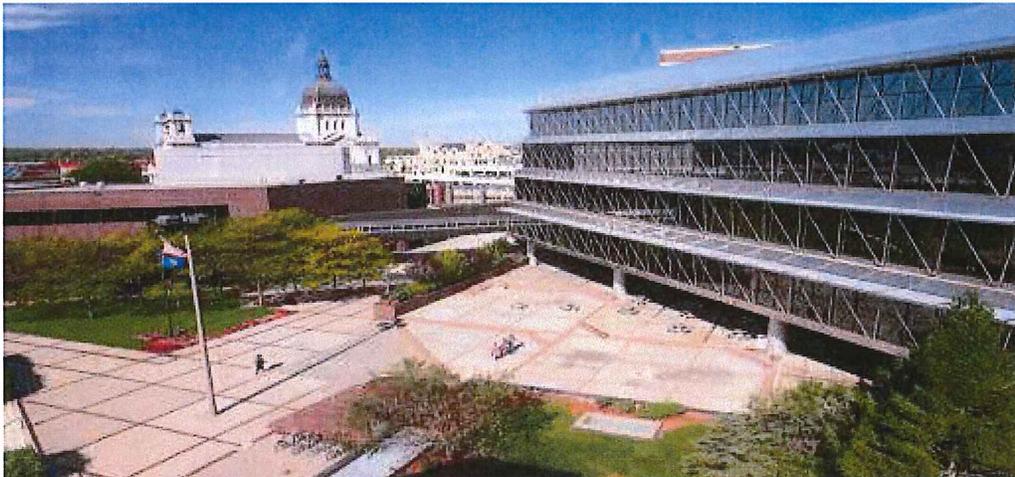
MINNEAPOLIS COMMUNITY AND TECHNICAL COLLEGE

Workforce Program Phase 2 Renovation



CAMPUS PLAN - Minneapolis

Campus website: www.minneapolis.edu



PROJECT DESCRIPTION

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

PROJECT STATUS

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

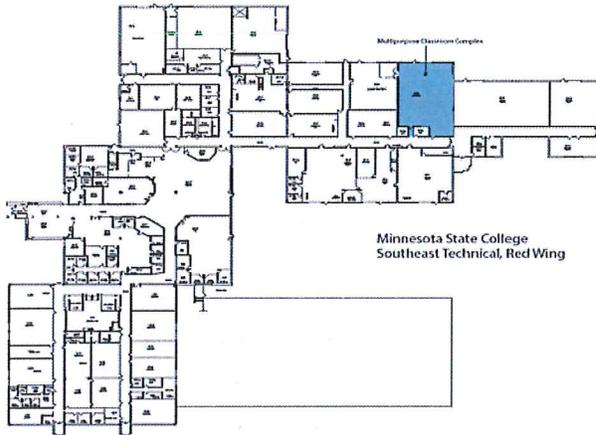
PROJECT SCHEDULE

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

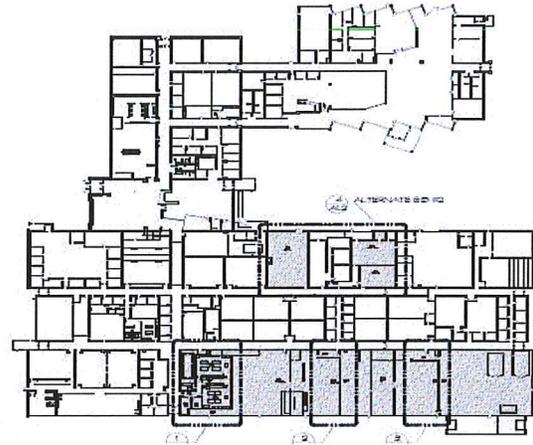
AE	Architectural/Engineering Design Consultant Selection	BA	Bidding and Award
SD	Schematic Design Phase	CON	Construction
DD	Design Development Phase	CO	Project Close out
CD	Construction Document Phase		

MINNESOTA STATE COLLEGE – SOUTHEAST TECHNICAL

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



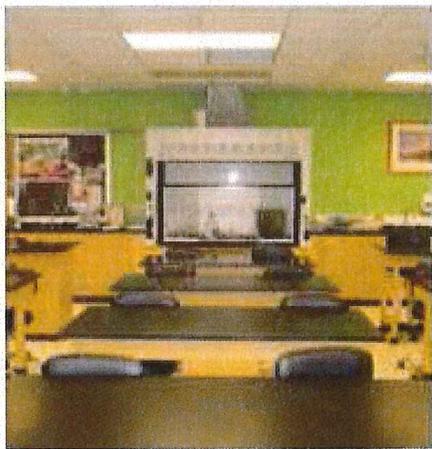
Red Wing



Winona

CAMPUS PLAN – Red Wing and Winona

Campus website: www.minneapolis.edu



PROJECT DESCRIPTION

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

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

PROJECT STATUS

Red Wing Winona
Close-out Close-out

PROJECT CONSTRUCTION COMPLETION DATE

Red Wing Winona
August 2015 August 2015

PROJECT FUNDING

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

PROJECT HIGHLIGHTS

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

PROJECT TEAM

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

PROJECT SCHEDULE

Red Wing - Classroom Renovation

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

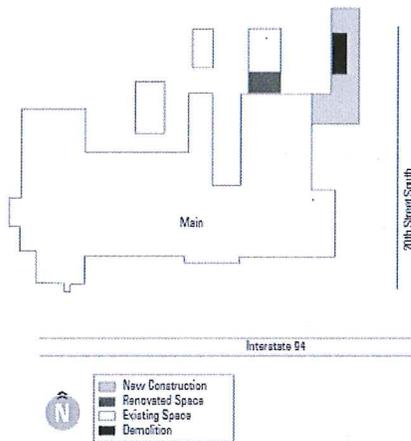
Winona - Medical/Phlebotomy Labs & Welding/Mechatronics Labs

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

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

MINNESOTA STATE COMMUNITY AND TECHNICAL COLLEGE

Moorhead Transportation Center Addition, Renovation and Demolition



CAMPUS PLAN - Moorhead

Campus website: www.minnesota.edu



PROJECT DESCRIPTION

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

PROJECT STATUS

Construction

PROJECT CONSTRUCTION COMPLETION DATE

June 2016

PROJECT FUNDING

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

PROJECT HIGHLIGHTS

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

PROJECT TEAM

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

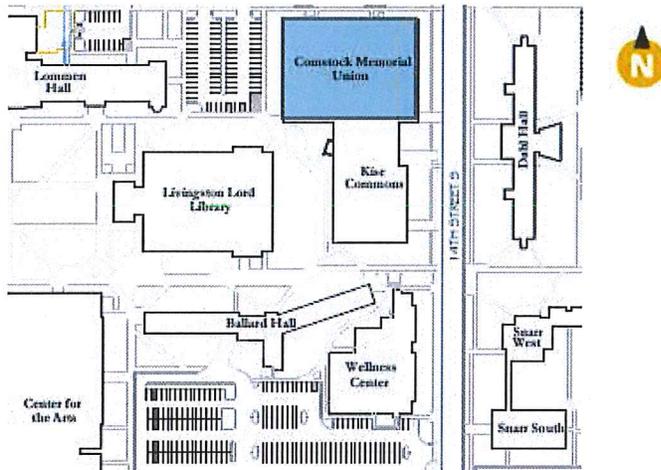
PROJECT SCHEDULE

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

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

MINNESOTA STATE UNIVERSITY MOORHEAD

Comstock Memorial Union Addition and Renovation



CAMPUS PLAN - Moorhead

Campus website: www.mnstate.edu



PROJECT DESCRIPTION

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

PROJECT STATUS

Construction

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: New 5,500 GSF Remodel 37,000 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: Kent Dirks
 Architect/Engineer: Cunningham Group
 Construction Manager: Terra Construction
 Owner's Representative: CPMI

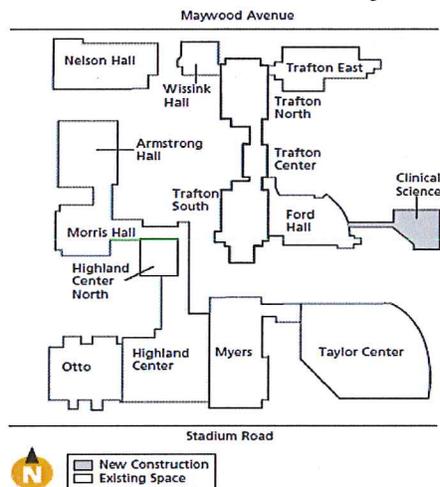
PROJECT SCHEDULE

2014				2015				2016				2017																							
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
AE		SD		DD	CD		BA	CON				CO																							

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

MINNESOTA STATE UNIVERSITY, MANKATO

Clinical Sciences Facility New Construction and Renovation



CAMPUS PLAN - Mankato

Campus website: www.mnsu.edu



PROJECT DESCRIPTION

This project designs, constructs, furnishes and equips a new Clinical Science Building to support the programs of the college of Allied Health and Nursing. The project includes new classroom and laboratory building spaces and remodeling of vacated and occupied spaces after construction of the new facility. The project will consolidate portions of academic programs from eight separate buildings across the campus into a new building to improve working and learning relationships among multiple related departments in the University.

The project will provide faculty and administrative offices, teaching laboratories, classrooms, student/faculty interaction spaces, and some new space types currently not available. Existing spaces vacated in various campus buildings will be renovated into laboratory, office and classroom spaces to alleviate overall campus shortfall of these space types. The project plan will complete design of both the new facility and the remodeled areas with funds appropriated from the 2012 legislative session. Bidding and construction funds for the new building were appropriated from the 2014 legislative session and bidding and construction funds for the remodeling are anticipated from the 2016 legislative session.

PROJECT STATUS

Construction

PROJECT CONSTRUCTION COMPLETION DATE

July 2016

PROJECT FUNDING

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

PROJECT HIGHLIGHTS

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

PROJECT TEAM

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

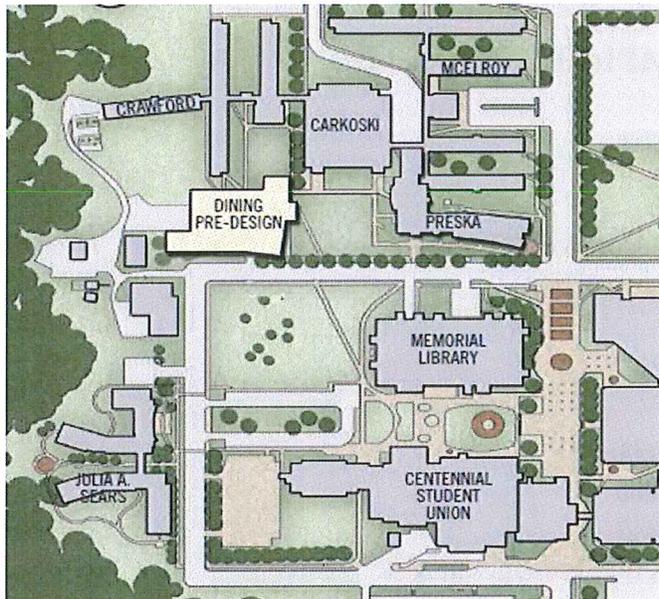
PROJECT SCHEDULE

2012					2013					2014					2015					2016																											
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
				AE	SD					DD	CD	BA	CON																																		

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

MINNESOTA STATE UNIVERSITY, MANKATO

Dining Services Building



CAMPUS PLAN - Mankato

Campus website: www.mnsu.edu



PROJECT DESCRIPTION

This project consists of the design and construction of a new residential Dining Services Building on the Minnesota State University, Mankato Campus of approximately 60,600 GSF.

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

PROJECT STATUS

Construction

PROJECT CONSTRUCTION COMPLETION DATE

December 2016

PROJECT FUNDING

\$ 3,000,000 2014 University Revenue Fund Reserves (Design)

\$ 28,407,000 2015 Revenue Fund Bonds (Construction)

\$ 31,407,000 Total

PROJECT HIGHLIGHTS

Area: New 60,600 GSF
 Estimated Construction Cost: \$27,402,000
 Construction Bid Award: \$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

2013					2014					2015					2016					2017															
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
					AE	SD		DD		CD					BA	CON								CO											

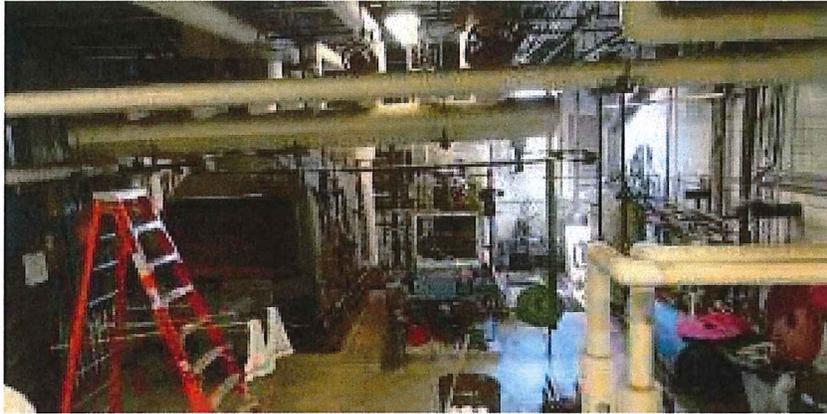
AE	Architectural/Engineering Design Consultant Selection	BA	Bidding and Award
SD	Schematic Design Phase	CON	Construction
DD	Design Development Phase	CO	Project Close out
CD	Construction Document Phase		

MINNESOTA WEST COMMUNITY AND TECHNICAL COLLEGE

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

Design

PROJECT CONSTRUCTION COMPLETION DATE

September 2016

PROJECT FUNDING

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

\$ 857,000 Total

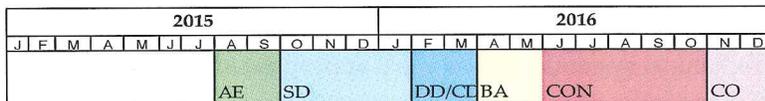
PROJECT HIGHLIGHTS

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: Burns & McDonnell
 Contractor: TBD
 Owner's Representative: NA

PROJECT SCHEDULE



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

MINNESOTA 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

Design

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: Hay Dobbs
 Contractor: TBD
 Owner's Representative: TBD

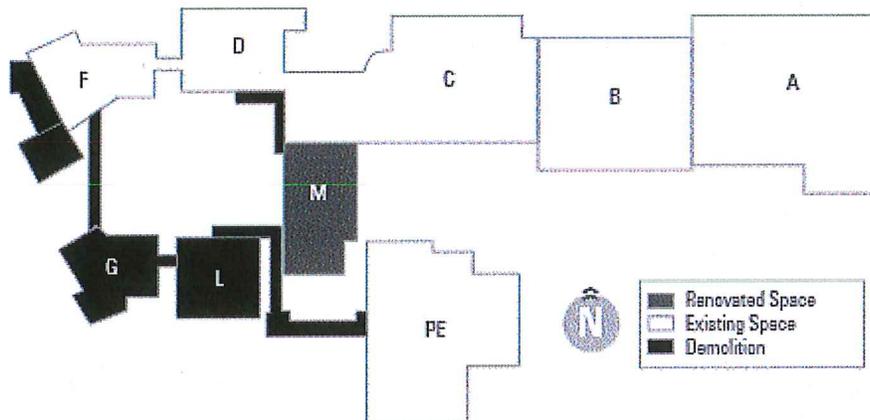
PROJECT SCHEDULE

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

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

NHED - HIBBING COMMUNITY COLLEGE

Campus Renovation and Rightsizing

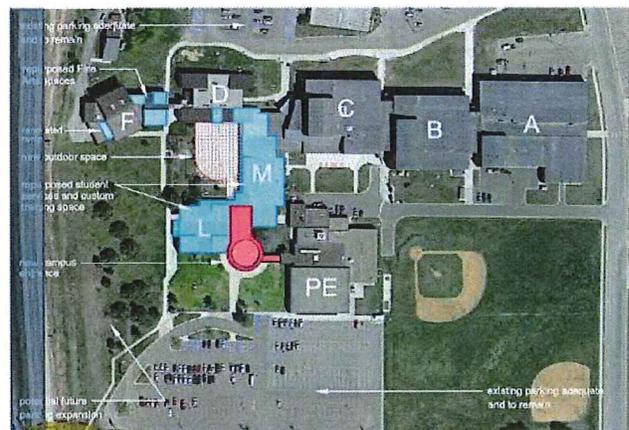


CAMPUS PLAN – Hibbing, MN

Campus website: www.hibbing.edu



Demolition



Renovation & Addition

PROJECT DESCRIPTION

Demolish obsolete and underutilized space in Buildings G, the southwest wing of Building F and covered walkways for Buildings C, D, F, G and M. Renovate Building L and M to provide a one-stop service hub for student services, learning resources and continuing education, and construct new building to improve circulation, accessibility and create a new recognizable main entry to campus. The project will relocate and right size the existing library and relocate customized training and associated support spaces to improve overall utilization and reduce operating costs, provide access to improved technology, flexible classrooms, and modern learning environments. Current learning spaces have limited technology capabilities – sloped fixed seating classrooms of irregular shapes with low seat capacities. These variables constrain teaching opportunities and techniques. Construct a new main entry which will be highly visible and enhance the image of the campus.

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: CM@r

PROJECT TEAM

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

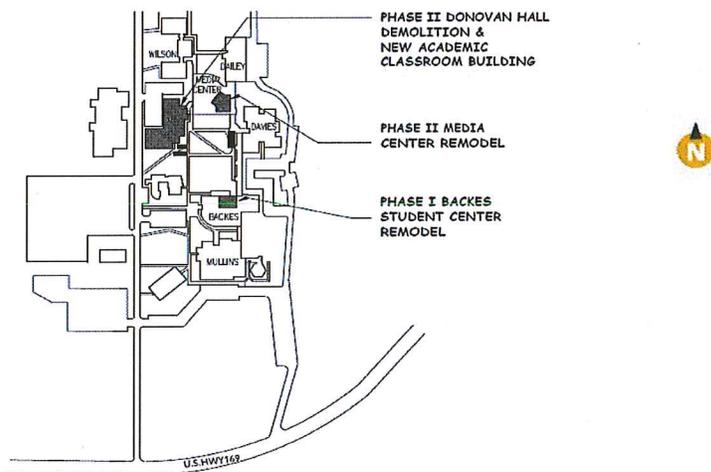
PROJECT SCHEDULE

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

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

NHED - ITASCA COMMUNITY COLLEGE

Academic Classroom Addition and Renovation



CAMPUS PLAN – Grand Rapids, MN

Campus website: www.itasca.edu



PROJECT DESCRIPTION

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

PROJECT STATUS

Closeout

PROJECT CONSTRUCTION COMPLETION DATE

July 2014

PROJECT FUNDING

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

PROJECT HIGHLIGHTS

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

PROJECT TEAM

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

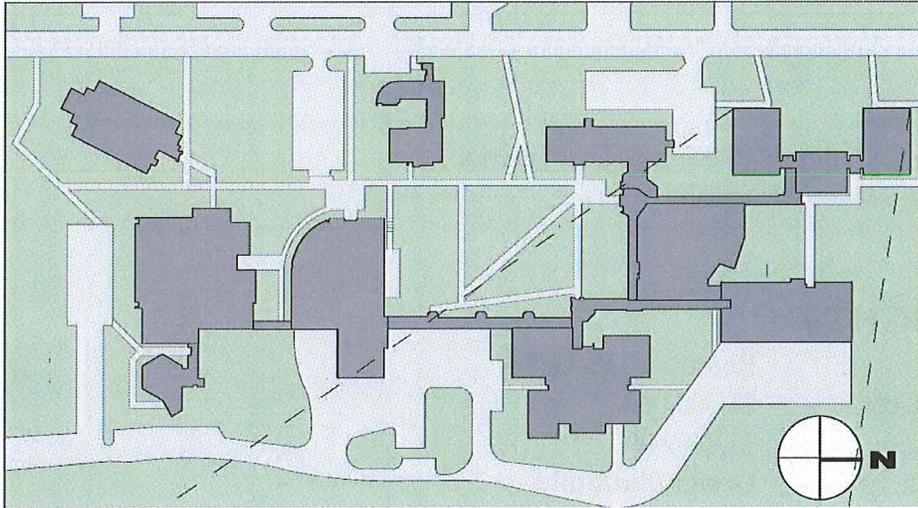
PROJECT SCHEDULE

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

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

NHED - ITASCA COMMUNITY COLLEGE

Biomass Boiler System



CAMPUS PLAN – Grand Rapids, MN

Campus website: www.itasca.edu



PROJECT DESCRIPTION

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

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

PROJECT STATUS

Bid/Award

PROJECT CONSTRUCTION COMPLETION DATE

October 2016

PROJECT FUNDING

\$ 965,000 2014 State G.O. Bonds (Design & Construction)

\$ 778,757 HEAPR (Design & Construction)

\$1,743,757 Total

PROJECT HIGHLIGHTS

Area: Remodel 1,859 GSF
 Estimated Construction Cost: \$1,500,000
 Construction Bid Award: \$1,460,900
 Project Delivery Method: Design/Bid/Build

PROJECT TEAM

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

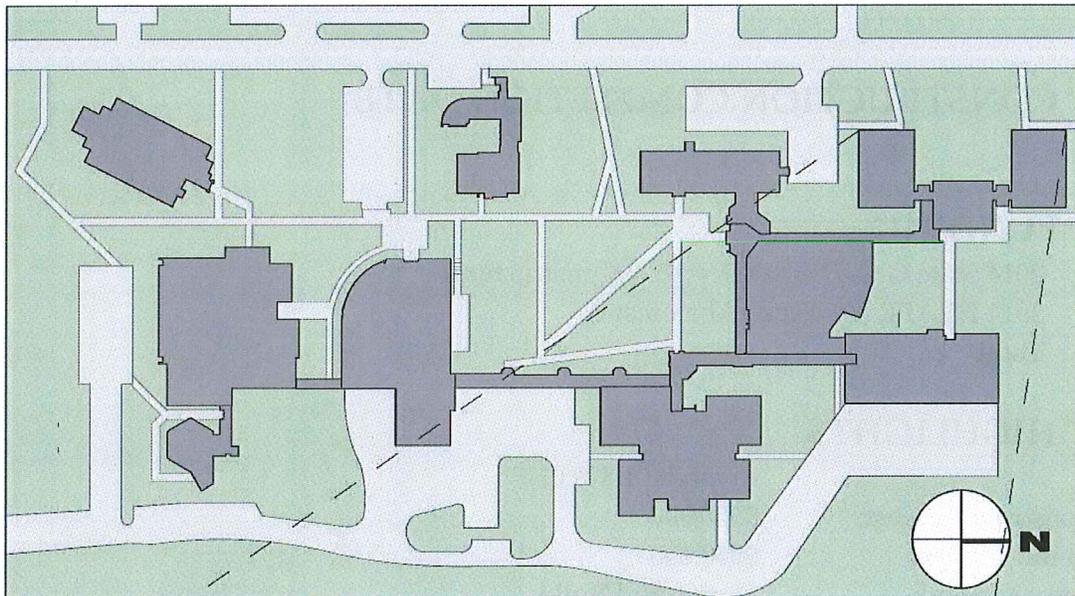
PROJECT SCHEDULE

2014				2015				2016				2017											
J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
	AE			DSN						BA				CON				CO					

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

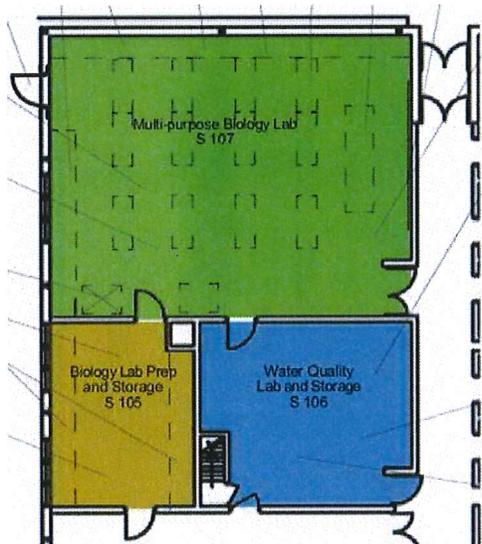
NHED - ITASCA COMMUNITY COLLEGE

Wilson Hall Lab Renovation



CAMPUS PLAN – Grand Rapids, MN

Campus website: www.itasca.edu

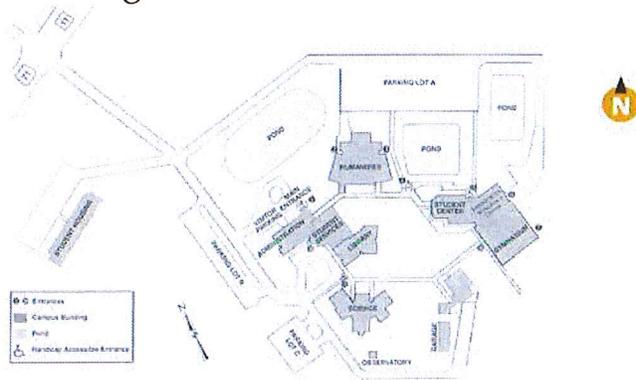


PROJECT DESCRIPTION

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

NHED - RAINY RIVER COMMUNITY COLLEGE

Nursing Lab Renovation

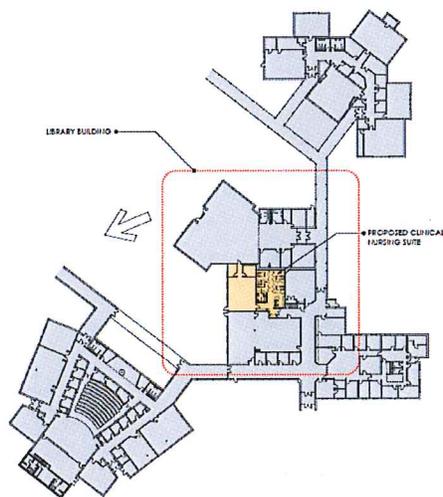


CAMPUS PLAN – International Falls, MN

Campus website: www.rainyriver.edu

STEM - Clinical Nursing Lab/Classroom Renovation

PROPOSED SITE PLAN



PROJECT DESCRIPTION

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

PROJECT STATUS

Complete

PROJECT CONSTRUCTION COMPLETION DATE

August 2015

PROJECT FUNDING

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

PROJECT HIGHLIGHTS

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

PROJECT TEAM

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

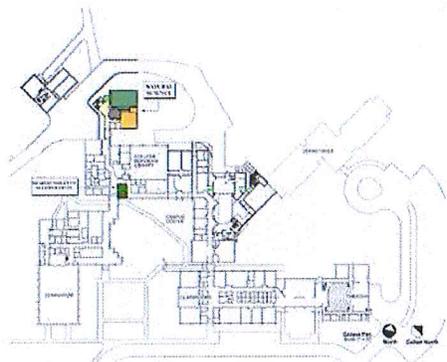
PROJECT SCHEDULE

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

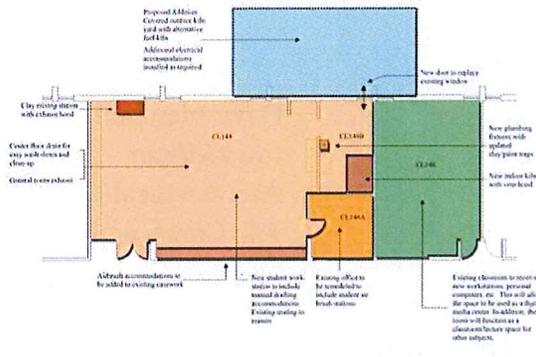
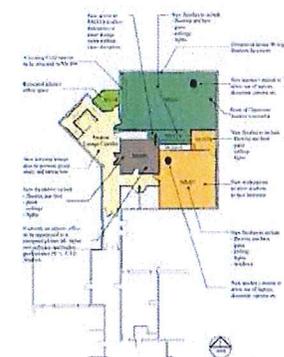
AE	Architectural/Engineering Design Consultant Selection	BA	Bidding and Award
SD	Schematic Design Phase	CON	Construction
DD	Design Development Phase	CO	Project Close out
CD	Construction Document Phase		

NHED - VERMILION COMMUNITY COLLEGE

Art Classroom Renovation Natural Science Labs Renovation



CAMPUS PLAN – Ely, MN
Campus website: 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

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

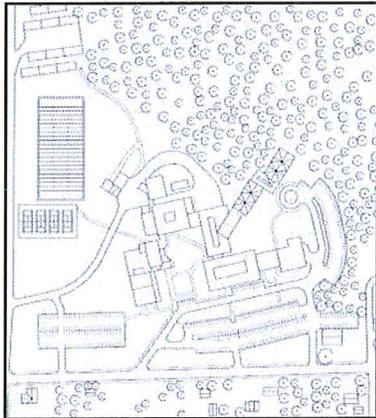
PROJECT SCHEDULE

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

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

NHED - VERMILION COMMUNITY COLLEGE

Student Housing



CAMPUS PLAN – Ely, MN

Campus website: www.vcc.edu



PROJECT DESCRIPTION

This project is to design and construct student housing to replace 11 existing modular housing units that have exceeded their useful lifecycle. The new Student Housing will consist of 12 townhouses, 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 bathrooms off the bedroom), coat closet and a storage room. A mechanical room for each townhouse will be accessible from the exterior only.

PROJECT STATUS

Rebid

PROJECT CONSTRUCTION COMPLETION DATE

May 2017

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:	<u>\$ 350,000</u> (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 Rafferty Tollefson Lindeke Architects
Contractor:	TBD
Owner's Representative:	NA

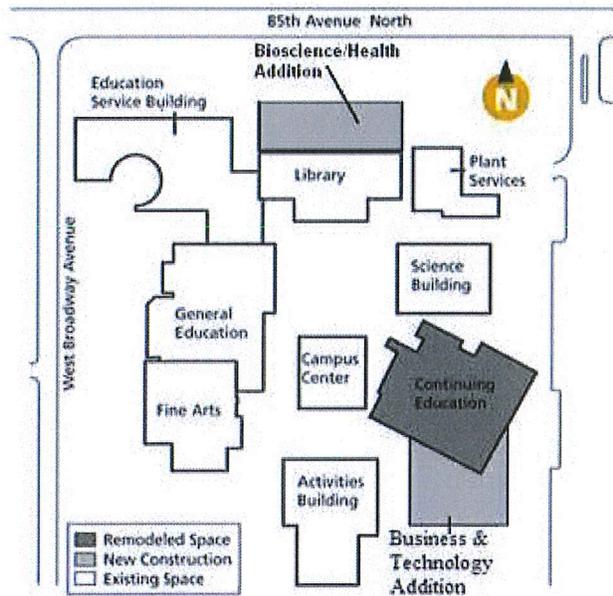
PROJECT SCHEDULE

2014				2015				2016				2017																	
J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
	AE			SD		DD			BA			CON						CO											

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

NORTH HENNEPIN COMMUNITY COLLEGE

Bioscience and Health Careers Addition



CAMPUS PLAN - Brooklyn Park

Campus website: www.nhcc.edu

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



PROJECT DESCRIPTION

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

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

PROJECT STATUS

Closeout

PROJECT CONSTRUCTION COMPLETION DATE

June 2014

PROJECT FUNDING

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

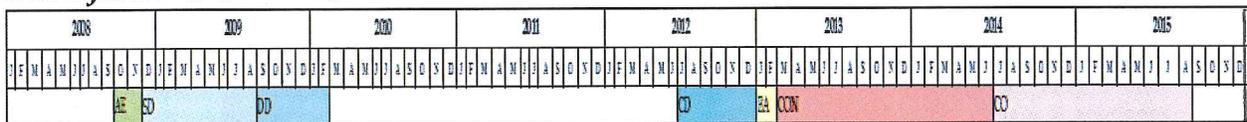
PROJECT HIGHLIGHTS

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

PROJECT TEAM

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

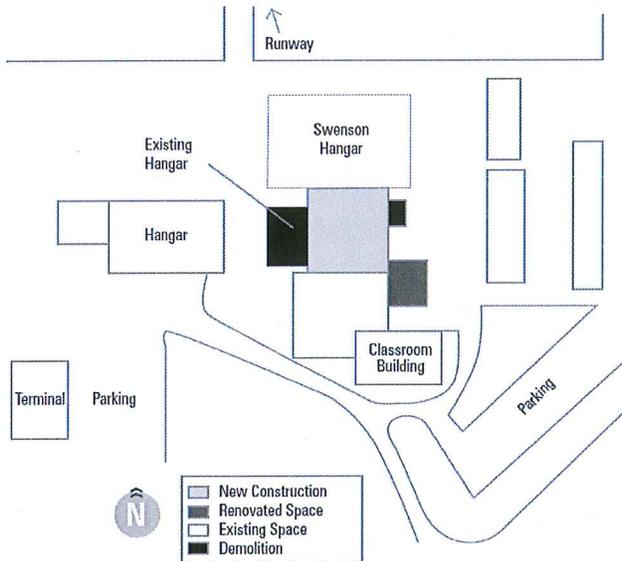
PROJECT SCHEDULE



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

NORTHLAND COMMUNITY AND TECHNICAL COLLEGE

Thief River Falls Aviation Maintenance Facility Addition and Demolition



CAMPUS PLAN – Thief River Falls

Campus website: www.mnstate.edu

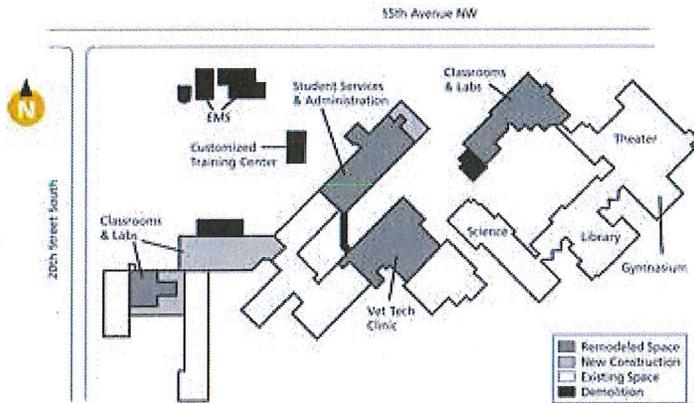


PROJECT DESCRIPTION

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

RIDGEWATER COLLEGE

Willmar Technical Instruction Lab Renovation



CAMPUS PLAN - Willmar

Campus website: www.ridgewater.edu



PROJECT DESCRIPTION

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

PROJECT STATUS

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

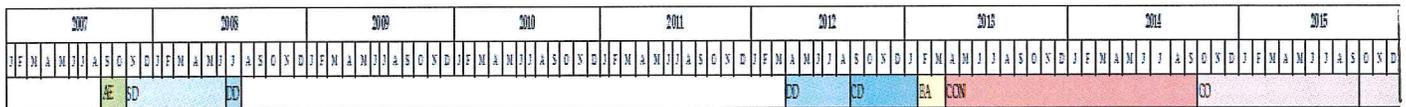
PROJECT HIGHLIGHTS

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

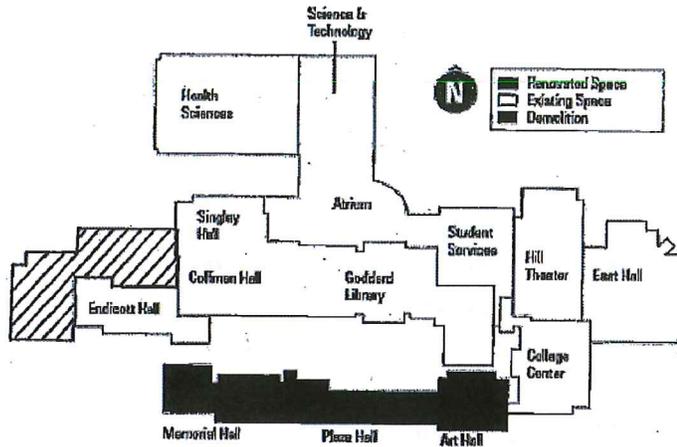
PROJECT SCHEDULE



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

ROCHESTER COMMUNITY AND TECHNICAL COLLEGE

Memorial and Plaza Halls Demolition Design and Renovation



CAMPUS PLAN - Rochester

Campus website: www.rctc.edu



PROJECT DESCRIPTION

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

PROJECT STATUS

Design

PROJECT CONSTRUCTION COMPLETION DATE

TBD

PROJECT FUNDING

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

PROJECT HIGHLIGHTS

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

PROJECT TEAM

Campus Project Manager: Shayn Jensson
 SO Program Manager: Barry Schaub
 Architect/Engineer: Bentz, Thompson, Rietow, Inc.
 Contractor: TBD
 Owner's Representative: TBD

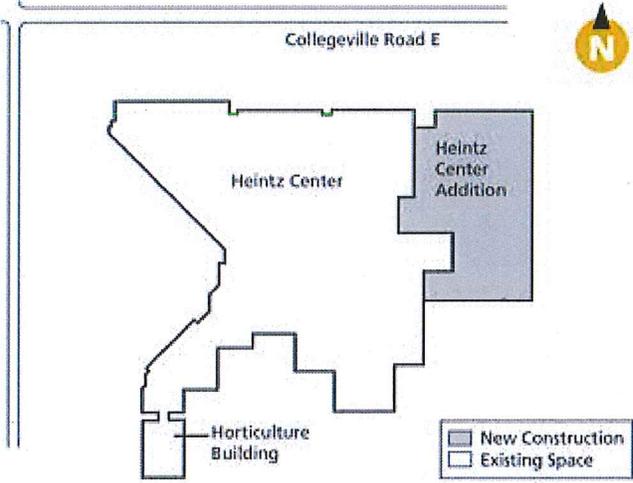
PROJECT SCHEDULE

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

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

ROCHESTER COMMUNITY AND TECHNICAL COLLEGE

Workforce Center Co-location



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



PROJECT DESCRIPTION

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

PROJECT STATUS

Closeout

PROJECT CONSTRUCTION COMPLETION DATE

July 2014

PROJECT FUNDING

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

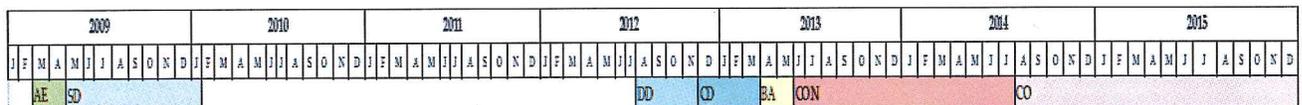
PROJECT HIGHLIGHTS

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

PROJECT TEAM

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

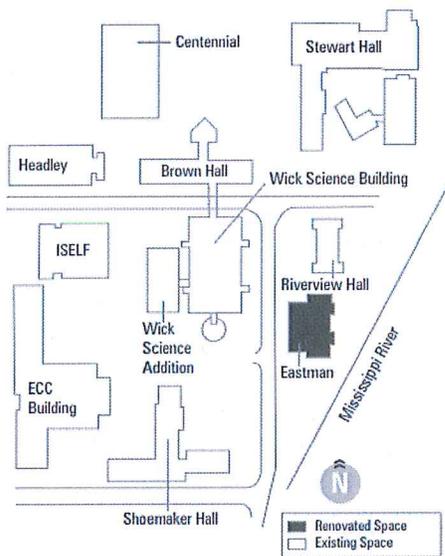
PROJECT SCHEDULE



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

ST. CLOUD STATE UNIVERSITY

Student Health and Academic Renovation, Eastman Hall



CAMPUS PLAN – St. Cloud

Campus website: www.stcloudstate.edu



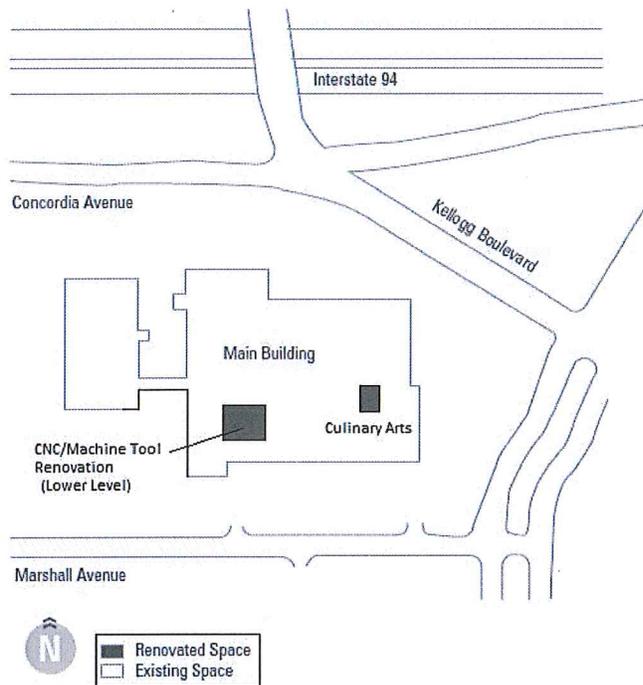
PROJECT DESCRIPTION

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

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

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

Closeout

PROJECT CONSTRUCTION COMPLETION DATE

August 2015

PROJECT FUNDING

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

PROJECT HIGHLIGHTS

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

PROJECT TEAM

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

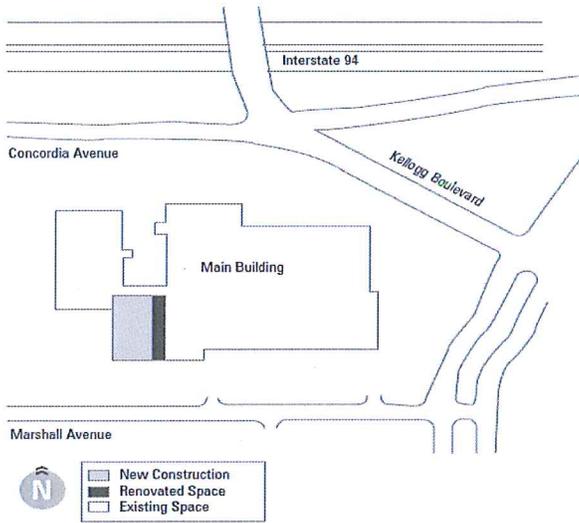
PROJECT SCHEDULE

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

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

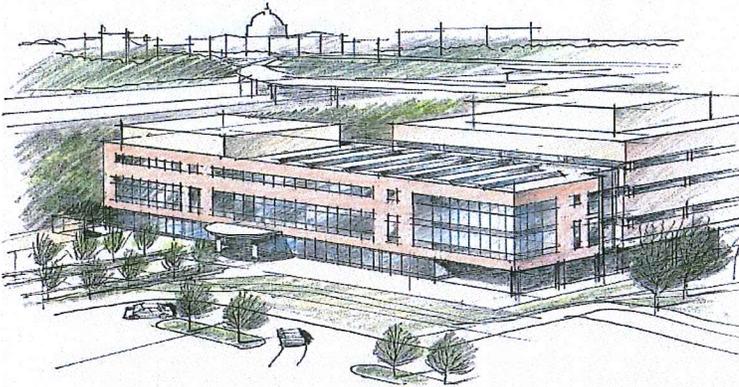
SAINT PAUL COLLEGE

Health and Science Alliance Center Addition



CAMPUS PLAN – St. Paul

Campus website: www.saintpauledu



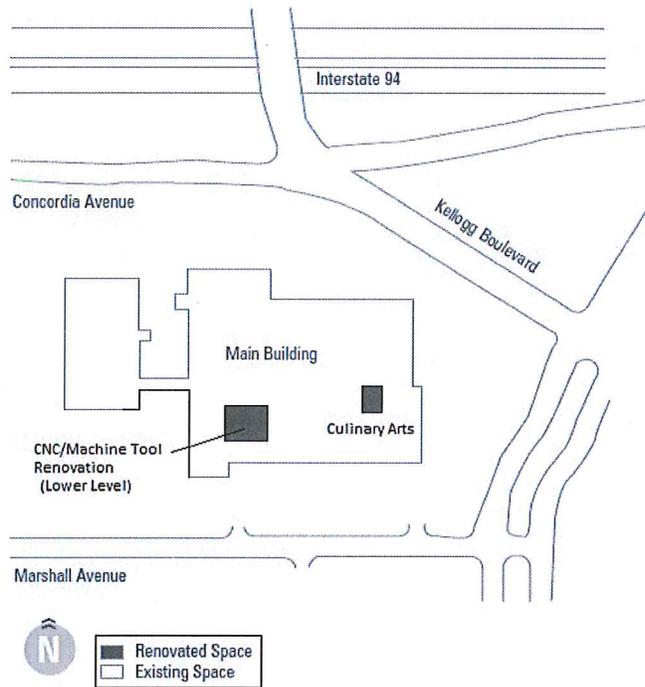
PROJECT DESCRIPTION

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.

SAINT PAUL COLLEGE

Machine Tool Renovation



CAMPUS PLAN – St. Paul

Campus website: www.saintpauledu

PROJECT DESCRIPTION

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

PROJECT STATUS

Closeout

PROJECT CONSTRUCTION COMPLETION DATE

August 2015

PROJECT FUNDING

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

PROJECT HIGHLIGHTS

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

PROJECT TEAM

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

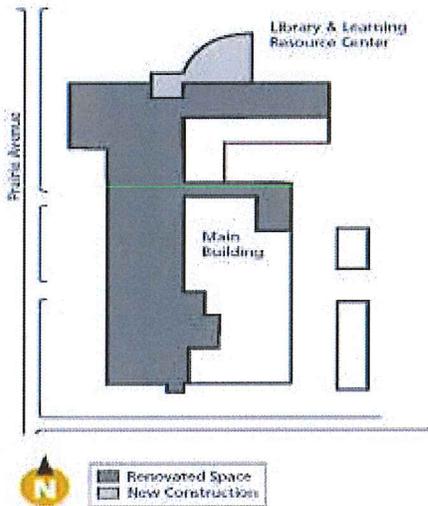
PROJECT SCHEDULE

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

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

SOUTH CENTRAL COLLEGE

Faribault Classroom Renovation and Addition



CAMPUS PLAN – Faribault

Campus website: www.southcentral.edu

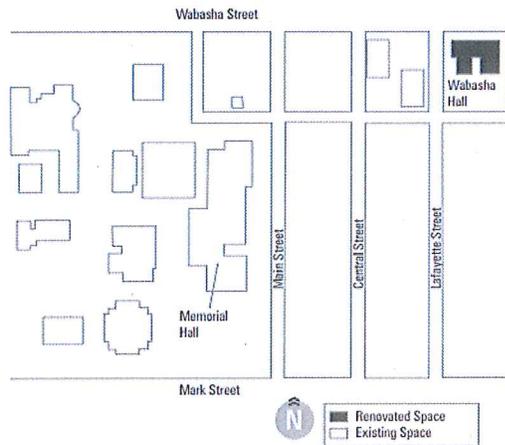


PROJECT DESCRIPTION

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

WINONA STATE UNIVERSITY

Education Village, Phase I & II, Renovation



CAMPUS PLAN – Winona

Campus website: www.winona.edu



PROJECT DESCRIPTION

The WSU Education village includes the wise reuse of three buildings renovated into a modern, integrated space that supports a truly transformative plan - purposefully-designed specialty labs and classrooms for all education programs. Phase I includes the design of both phases with partial renovation of Wabasha Hall. Phase II includes the majority of the renovation and new construction in Cathedral School, Neet Gym and Wabasha Hall. The project eliminates \$8 million of deferred maintenance backlog by demolishing the Annex and a portion of Wabasha Rec. The project impacts more than 20 classrooms/labs, improves accessibility, and includes observation rooms, and faculty offices to create a holistic learning and mentoring environment.

PROJECT STATUS

Design Development

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: \$24,969,500
 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: Kraus-Anderson Construction Company
 Owner's Representative: TBD

PROJECT SCHEDULE

2014				2015				2016				2017				2018																			
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
										AE		SD	SD	SD	SD	DD	CD	BA		CON	CON	CON	CON	CO											

AE	Architectural/Engineering Design Consultant Selection	BA	Bidding and Award
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CD	Construction Document Phase		