



June 30, 2022

Finance Division – Facilities Unit

Capital Improvement Program Report

January 1, 2022-June 30, 2022

MINNESOTA STATE

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Capital Improvement Program (CIP) Report

The Capital Improvement Program (CIP) Report provides an overview of the active major capital projects during the last six months and their status as of June 30, 2022.

For the purpose of this report, major capital projects include:

- Major capital projects funded by the State of Minnesota through general obligation (GO) bond funding,
- Higher Education Asset Preservation and Replacement (HEAPR) projects greater than \$2 million in total appropriations,
- Projects funded through the sale of Minnesota State Revenue Fund bonds,
- College and university funded projects with contracts greater than \$1 million, approved by the Board of Trustees,
- Guaranteed Energy-Savings Program (GESP) projects, and
- Federal Economic Development Administration Grants (EDA).

General information on project delivery strategies and resources available to project managers is available in [Attachment A](#).

2022 Bonding Update

The 2022 legislative session concluded with no action taken on the Board of Trustees capital budget request of \$292.9 million. The 2022 request includes \$150 million for HEAPR and \$142.9 for 20 major capital projects. See entire request at [Attachment B](#).

State Funded Major Capital Projects

There were 8 active major capital projects funded by the State of Minnesota during this six-month reporting period. These active projects represent a total of \$91.5 million in GO bond funding by the state.

Individual project data sheets for the active projects are included in institution alphabetical order at [Attachment C](#).

Active Major Capital Projects Summary

The following major capital projects were active during this CIP reporting period.

| College/University | Project | Funding Year | Status | GO Funding |
|---|--|--------------|--------------|--------------|
| South Central College | North Mankato STEM and Healthcare Renovation | 2017 | Closeout | \$9,600,000 |
| Anoka-Ramsey Community College | Coon Rapids Business and Nursing | 2018 | Construction | \$569,000 |
| | | 2020 | | \$16,282,000 |
| Inver Hills Community College | Technology and Business Center | 2018 | Design | \$698,000 |
| Minnesota State University Moorhead | Weld Hall | 2018 | Design | \$628,000 |
| Rochester Community and Technical College | Memorial and Plaza Halls | 2018 | Closeout | \$22,853,000 |
| Minneapolis Community Technical College | Management Education Center | 2020 | Design | \$990,000 |
| Normandale Community College | Classroom and Student Services, Phase I & 2 | 2018 | Construction | \$12,636,000 |
| | | 2020 | | \$26,634,000 |
| Pine Technical & Community College | Technical/Trades Lab Addition & Renovation | 2020 | Design | \$635,000 |

Major Capital Project Funding

This table provides an overview of GO bond funding for major capital projects.

| Year | Appropriation Amount | Number of Projects | Spent Percentage | Encumbrance Percentage | Uncommitted Percentage |
|--------|----------------------|--------------------|------------------|------------------------|------------------------|
| 2017 | \$67,304,571 | 7 | 100% | 0% | 0% |
| 2017C* | \$1,490,491 | 9 | 100% | 0% | 0% |
| 2018 | \$84,015,000 | 13 | 99% | 0% | 1% |
| 2018C* | \$1,821,101 | 3 | 100% | 0% | 0% |
| 2020 | \$44,541,000 | 4 | 73% | 7% | 21% |

*"C" noted after the year identifies GO bond funds that were converted to HEAPR.

Two-page summaries for individual major capital projects active during the reporting period are at [Attachment C](#). Individual project summaries are also available at:

<http://minnstate.edu/system/finance/facilities/design-construction/projectstatus/index.html>

State Funded Major HEAPR Projects (over \$2M)

There were 6 active, large (a total planned design and construction project cost greater than \$2.0 million) HEAPR projects during this six-month reporting period.

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.

Large HEAPR Project Summary

The following HEAPR projects with costs greater than \$2 million were active during this CIP reporting period.

| College/University | Project | Funding Year | Status | Funding |
|---------------------------------------|--|--------------|--------------|-------------|
| Anoka-Ramsey Community College | Electrical Infrastructure Replacement | 2018 | Construction | \$277,800 |
| | | 2020 | Construction | \$4,129,240 |
| Bemidji | Electrical Grid | 2020 | Construction | \$2,556,763 |
| Lake Superior College | Roof Replacement | 2020 | Design | \$3,924,898 |
| Ridgewater Willmar | Roof Replacement C1, C5, C6, S1-S3 | 2020 | Closeout | \$2,123,694 |
| Saint Cloud State University | Heating Plant Roof, Masonry & Fire Suppression | 2020 | Construction | \$2,091,445 |
| Winona State University | Utility Tunnels Electrical Upgrade | 2020 | Design | \$4,035,200 |

HEAPR Project Funding

This table provides an overview of HEAPR funding.

| Year | Appropriation Amount | Number of Projects | Spent Percentage | Encumbrance Percentage | Uncommitted Percentage |
|--------|----------------------|--------------------|------------------|------------------------|------------------------|
| 2017 | \$25,000,000 | 48 | 100% | 0% | 0% |
| 2017C* | \$1,490,491 | 9 | 100% | 0% | 0% |
| 2018 | \$45,000,000 | 54 | 91% | 5% | 4% |
| 2018C* | \$1,821,101 | 3 | 100% | 0% | 0% |
| 2020 | \$46,347,000 | 46 | 38% | 33% | 29% |

*"C" noted after the year identifies GO bond funds that were converted to HEAPR

Revenue Fund Bond Sale Funded Major Capital Projects

There were no major capital projects funded through the sale of Revenue Fund bonds active during this reporting period.

College and University Funded Major Campus Projects (over \$1M)

There were 6 active college and university funded projects with contracts more than \$1 million approved by the Board of Trustees during this reporting period. These contracts total roughly \$19.9 million and are funded by college or university general funds, and/or revenue or auxiliary fund proceeds. Revenues come from tuition and fees, state general fund appropriation, donations, and gifts.

College and University Funded Projects

The following campus funded projects with construction contracts greater than \$1 million were active during this CIP reporting period.

| College/University | Project | Service and Delivery Method | Vendor Name Contract Amount |
|---|--|-----------------------------|---|
| Century College | East Campus Air Handler Replacement, HEERF | Design/RFP, CM@R | TBD (7/11/22) (estimate \$6,615,827) |
| Itasca Community College | Student Center Addition | Closeout D/B/B | Hawk Construction \$3,671,900 |
| Minneapolis Community and Technical College | Student Affairs Remodel Phase 4 | CM@R | Donlar Construction \$1,453,870 |
| Minneapolis Community and Technical College | Classroom Audio and Visual Upgrade, HEERF | D/B/B | (estimate \$2,700,000) |
| Minnesota State University, Mankato | Scheels Field at Maverick All-Sports Dome | Closeout, CM@R | Kraus-Anderson \$3,447,829 |

Guaranteed Energy-Savings Program

There were 2 active Guaranteed Energy-Savings Program (GESP) projects during this reporting period. 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 a lease-purchase agreement based on a performance contract which uses guaranteed energy savings from the improvement as a means to pay the lease over a period of time. If actual savings are not realized, the GESP vendor pays the difference between actual savings and agreed upon savings.

Guaranteed Energy-Savings Program

The following GESP projects were active during this reporting period.

| College/University | Status | Vendor Name Contract Amount |
|-----------------------------------|---------------|--|
| Hennepin Technical College | Closeout | Ameresco \$3,289,713 |
| Winona State University | Construction | McKinstry \$13,000,000 |

U.S. Economic Development Administration Grants (EDA)

There was 1 active major capital project funded in part by EDA grants. The EDA grants directly impact the communities and regions to help them build the capacity for economic development. EDA grants can be used as a resource to supplement the funding of major capital projects at colleges and Universities.

The EDA strives to strengthen the partnership between university centers and the federal government. Guided by the principle that sustainable economic development should be locally driven, EDA works directly with institutions to help them build the capacity for economic development based on local business conditions and needs. EDA’s grant investments in planning, technical assistance, and infrastructure construction are designed to leverage existing regional assets that make it easier for businesses to start and grow. Funding for university center projects include commercialization of research, workforce development, and business counseling services. For more information, visit www.eda.gov.

EDA Lists of Projects

The following EDA project was active during this CIP reporting period.

| College/University | Project | Funding Year | Status | Grant Amount |
|--|------------------------------------|---------------------|---------------|---------------------|
| Saint Cloud Technical and Community College | Advance Manufacturing Training Lab | 2020 | Bid | \$2,500,000 |

General Information

Project Delivery Methods

Minnesota State primarily utilizes two project delivery methods for major capital projects.

Design/Bid/Build (D-B-B): D-B-B is the traditional delivery method used for the majority of Minnesota State projects. Using this method, the lowest responsible bidder is awarded the project to act as General Contractor and they determine all subcontractors for the project.

Construction Manager at Risk (CM@R): CM@R is an alternate delivery method to reduce risk for Minnesota State on large complex projects. The Construction Manager is selected during the early design phase and establishes a Guaranteed Maximum Price for construction prior to bidding. Subcontractors are prequalified prior to bidding on the project.

Project Delivery Resources

A series of tools and resources is available for college and university project managers to effectively and efficiently deliver projects and meet standards and expectations set out in state statute and board policy and procedure. These resources include the Minnesota State Design Standards, eManual documents, Facilities Professional/Technical Master Contract program, and the Enterprise Project Management System that offer guidance on a variety of project delivery methods.

eManual: The eManual is a ready resource for college and university project managers as well as vendors and contractors doing business with Minnesota State college and universities. It includes contract templates, forms, instructions, white papers, and other documents reflecting requirements of state statutes and laws, and board policies and system procedures. The eManual is available at <https://www.minnstate.edu/system/finance/facilities/design-construction/index.html>.

Facilities Professional Technical Master Contract: Master contracts streamline the selection and hiring of professional/technical consultants for small projects with fees under \$100,000. The Facilities Professional/Technical Master Contract program provides college and university project managers with a database of consultants that have met minimum qualifications for 33 specialty services. The program is reopened annually in January to vendors. More information about the program is available in the eManual.

Enterprise Project Management System (EPMS/e-Builder): e-Builder is the system’s project management platform and system of record. This program includes workflows aligned with requirements set out in state statute, board policy, and procedure as well as best practices.

Definitions

| Project Terms | Definitions as used in this report |
|-------------------------------|--|
| A/E Selection | The period during the solicitation, evaluation, negotiation, and award of project work to design professionals (Architect/Engineer). |
| Design | Planning period of the project when all the elements are drawn, specified, and approved by the college/university. |
| Bid/Award | Request for bids are advertised, received, and confirmed by the project team. The lowest responsible bidder is awarded the project and construction contract is executed. |
| Construction | The physical project takes shape as contractor mobilizes on site, demolishes as needed, and then builds the project according to the contract documents. |
| Substantial Completion | Refers to a stage of a project that is sufficiently complete, in accordance with the construction contract documents, so that the college or university may use or occupy the building project or designated portion for the intended purpose. |
| Closeout | This occurs after Substantial Completion and prior to project final completion of construction. Besides completing punch list items for construction, this phase often includes completion of Percent for Art and furniture installation. |
| Completed | The point in a project when all contractual obligations have been met and all financial transactions complete and any residual funds returned to their source for reappropriation. |
| Encumbrance Percentage | Percentage of the total appropriation amount that is encumbered and not spent in ISRS in relation to the total project appropriation amount. |
| Spent Percentage | Percentage of the total appropriation amount that is encumbered and spent in ISRS in relation to the total project appropriation amount. |
| Uncommitted Percentage | Percentage of the total appropriation amount that is not encumbered or spent in ISRS in relation to the total project appropriation amount. |

Attachment B

Minnesota State 2022 Capital Budget Request

| PRIORITY | PROJECT DESCRIPTION | COST (IN MILLIONS) |
|----------|---|-----------------------|
| 1 | Higher Education Asset Preservation and Replacement (HEAPR) - STATEWIDE | \$150.0 |
| 2 | Minnesota State University Moorhead · Weld Hall ADDITION · RENOVATION - MOORHEAD | \$19.0 |
| 3 | Inver Hills Community College · Technology and Business Center RENOVATION - INVER GROVE HEIGHTS | \$18.1 |
| 4 | Minneapolis College · Management Education Center Metro Baccalaureate Initiative RENOVATION - MINNEAPOLIS | \$16.9 |
| 5 | Pine Technical & Community College · Technical/Trades Lab ADDITION · RENOVATION - PINE CITY | \$13.9 |
| 6 | Saint Paul College · Academic Excellence DESIGN - ST. PAUL | \$1.4 |
| 7 | Vermilion Community College · Classroom Building DESIGN · RENOVATION - ELY | \$3.0 |
| 8 | Central Lakes College · Student Services DESIGN · RENOVATION - BRAINERD | \$9.5 |
| 9 | Northland Community & Technical College · Effective Teaching and Learning Labs DESIGN · RENOVATION - EAST GRAND FORKS | \$2.7 |
| 10 | Minnesota State University, Mankato · Armstrong Hall Replacement, Phase I DESIGN · RENOVATION - MANKATO | \$7.1 |
| 11 | Winona State University · Center for Interdisciplinary Collaboration, Engagement, and Learning DESIGN - WINONA | \$4.2 |
| 12 | Lake Superior College · Integrated Manufacturing Workforce Labs DESIGN - DULUTH | \$1.1 |
| 13 | North Hennepin Community College · Center for Innovation and the Arts DESIGN - BROOKLYN PARK | \$7.6 |
| 14 | Metropolitan State University · Cybersecurity Lab DESIGN · RENOVATION - ST. PAUL | \$4.3 |
| 15 | Alexandria Technical & Community College Transportation Center, Student Services Renovation, and Selective Campus Demolition DESIGN - ALEXANDRIA | \$0.8 |
| 16 | Riverland Community College · Student Services Renovation DESIGN · RENOVATION - AUSTIN | \$9.9 |
| 17 | Southwest Minnesota State University · Wellness and Human Performance Center DESIGN - MARSHALL | \$1.2 |
| 18 | St. Cloud State University · Education and Learning Design Complex DESIGN - ST. CLOUD | \$4.5 |
| 19 | Rochester Community and Technical College Heintz Center Renovation: Reimagining Education for a Diverse Workforce DESIGN - ROCHESTER | \$1.3 |
| 20 | Minnesota West Community & Technical College Nursing, Public Peace Officer, and Student Service Renovation DESIGN - GRANITE FALLS AND WORTHINGTON | \$2.0 |
| 21 | Ridgewater College · Healthcare, Construction, Student Services, and Classroom Renovation DESIGN · RENOVATION - HUTCHINSON | \$14.3 |

| | |
|---------------------------------|----------------|
| TOTAL | \$292.9 |
| STATE SUPPORT | \$245.3 |
| MINNESOTA STATE FINANCED | \$47.6 |

For more information please visit: <https://www.minnstate.edu/legislative/index.html>.

Individual major capital project data sheets.



Anoka-Ramsey Community College

Business and Nursing Renovation

CAMPUS FACTS

Students

4,617 Full Year Equivalent
29% Diverse backgrounds

Total Buildings

419,337 Gross Square Feet
\$1.3M Maintenance Backlog



Figure 1 Campus Plan

Impact for students as a result of this project:

- Increasing the nursing cohort to 120 students over time,
- Creating modernized classrooms, code compliant restrooms, centralized offices, and flexible multi-purpose labs,
- Enhancing internal circulation and wayfinding, and
- Removing \$4,902,000 in deferred maintenance.

Project Description

The scope of this project includes:

- Creating contemporary and flexible learning environments,
- Renovating approximately 35,000 square feet or more of existing space for laboratory, classroom and office space, and
- Transforming existing 1960's interior space into a modern, sustainable, and collaborative environment.

Project Funding

\$ 569,000 2018 G.O. Bonds (Design)
\$ 16,282,000 2020 G.O. Bonds (Construction)
\$ 16,851,000 Total

Project Costs

\$ 1,077,000 Design
\$ 261,000 Project Management
\$ 12,036,000 Est. Construction Cost
\$ 80,000 Art
\$ 3,397,000 Occupancy
\$ 16,851,000 Total

Project Status & Schedule

| Activity | Milestone |
|-------------------------------|-------------------------|
| A/E Selection by | March 2019 |
| Design | April – September, 2020 |
| Construction Docs. | October –March, 2021 |
| Bidding & Award | April, 2021 |
| Construction begins | May 14, 2021 |
| Substantial Completion | June 30, 2022 |
| Close-out | September, 2024 |

Project Progress



Figure 2 Interior entrance to large group classroom



Figure 3 Exterior concrete terrace formwork

Project Team

Kenneth Karr, Campus Project Manager
Karen Huiett, SO Program Manager
Leo A Daly, Architect/Engineer
Ebert Construction, Contractor

Project Highlights

- 35,000 GSF Renovation
- Design/Bid/Build, Project Delivery
- \$9,610,200 Construction Cost
- Accessible exterior terrace
- Student gathering spaces
- Durable, natural finishes
- Faculty offices with student engagement areas
- Enhanced wayfinding, graphics, and signage



Inver Hills Community College

Technology and Business Center

CAMPUS FACTS

Students

3,017 Full Year Equivalent
31% Diverse backgrounds

Facility

325,845 Gross Square Feet
.34 Facility Condition Index

Campus website

www.inverhills.edu



Figure 1 Campus Plan

Impact for students as a result of this project:

- Improved technology and technology access for technology-rich coursework,
- S.T.E.M. collaborative learning areas,
- Easy access to faculty for support, and
- Improved, flexible learning environments.

Project Description

This project will respond to the changing educational needs of the Business and Accounting, STEM Technology and Paralegal programs as well as address numerous deferred maintenance needs. The project scope includes:

- Renovation of the Business Building,
- New link between Business and Heritage Hall,
- Improve learning environments,
- Improve utilization of existing spaces, and
- Reduce facility operating costs through improved building systems.

Project Funding

\$ 698,000 2018 G.O. Bonds (Design)
\$14,653,000 Planned 2020 GO Bond
Funds (Construction)
\$15,351,000 Total

Project Team

Paul DeMuth, Campus Project Manager
Justine Pliska, SO Program Manager
LHB, Corp., Architect/Engineer
McGough, Construction Manager

Project Status & Schedule

| Activity | Milestone |
|------------------------|-------------------------------------|
| A/E Selection by | February, 2019 |
| Design | March, 2019 – July, 2020 |
| If funded... | |
| Design Completion | TBD |
| Bidding & Award | TBD |
| Construction begins | TBD |
| Substantial Completion | TBD |
| Close-out | TBD |

Project Highlights

- 26,167 GSF Renovation
- 3,925 GSF Addition
- \$11,948,000 Est. Construction Cost
- \$TBD, Construction Bid Award
- CM@risk, Project Delivery

Project Progress



Figure 2 Rendering showing new link to Heritage Hall and new entry element and roof dormers



Minnesota State University Moorhead

Weld Hall Renovation

CAMPUS FACTS

Students

5,297 Full Year Equivalent
20% Diverse backgrounds

Facility

1,732,834 Gross Square Feet
.10 Facility Condition Index

Campus website

www.mnstate.edu

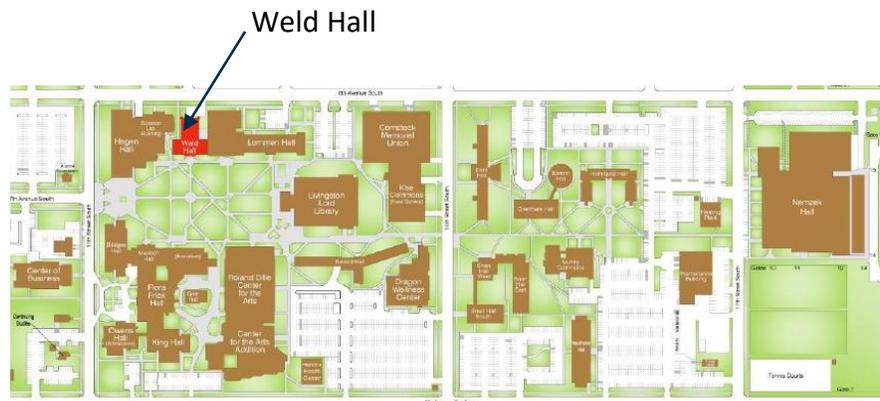


Figure 1 Campus map pointing out Weld Hall

Impact for students as a result of this project includes:

- Adding stair/elevator and stage access additions to serve student accessibility needs and,
- Creating state-of-the-art teaching environments,
- Providing flexible learning studios, and
- Improving technology throughout the building.

Project Description

The scope of this project includes:

- Renovation of historic Weld Hall and increasing space utilization,
- Reducing office space and adjusting mix of classrooms and labs, and
- Removing more than \$8 million of deferred maintenance, including tuck-pointing, window replacement, providing sprinkler coverage and updating plumbing and HVAC.

Project Funding

\$628,000 2018 G.O. Bonds (Design)
\$ 19,739,000 2022 Planned G.O. Bonds
(Design and Construction)
\$ 20,367,000 Total

Project Status & Schedule

| Activity | Milestone |
|---------------|---------------------------|
| A/E Selection | July 2018 - February 2019 |
| Design | March 2019 – June, 2020 |

If Funded in 2022

| | |
|------------------------|-----------------|
| Design Completion | May 2023 |
| Bid & Award | June -July 2023 |
| Construction begins | August, 2023 |
| Substantial Completion | November, 2024 |
| Close-out | December, 2024 |

Project Team

Brenda Norris, Campus Project Manager
Terry Olsen, SO Program Manager
YHR Partners, LTD, Architect
TBD, Contractor

Project Highlights

- 33,484 GSF Renovation
- 2,821 GSF Addition
- \$14,200,000 Est. Construction Cost
- TBD, Construction Bid Award
- Design/Bid/Build Project Delivery

Project Progress



Figure 2 Weld Hall proposed north entrance elevation



Figure 3 Proposed section through Glasrud Auditorium, realigned lower level and new north entrance



Normandale Community College

Classroom and Student Services Center, Phases 1 and 2

CAMPUS FACTS

Students

6,843 Full Year Equivalent
67% Diverse backgrounds

Facility

811,997 Gross Square Feet
.05 Facility Condition Index

Campus website

www.normandale.edu



Figure 1 Campus Plan

Impact for students as a result of this project:

Phase 1

- Improving wayfinding and access between floors, and
- Additional individual and collaborative student study and social areas.

Phase 2

- Overall increased space utilization,
- Updated technology in classrooms and student support areas, and
- Improved faculty offices.

Project Description

This project is separated into 2 phases due to funding. Phase 1 includes the primary interior renovation on the west side of the College Services Building. Phase 2 renovates the interior of the east side. Initial funding covers both phases while construction funding is planned in two appropriations. The scope of this project includes:

Phase 1

- Innovative student services delivery area
- 5 renovated classrooms and new testing lab
- New faculty and administrative offices and café

Phase 2

- Modernization of 27 classrooms
- New math and tutoring centers
- New computer lab and flexible furnishings

Project Funding

| | |
|----------------------|-----------------------|
| \$ 12,636,000 | 2018 State G.O. Bonds |
| \$ 220,000 | 2018 HEAPR funds |
| \$ 908,900 | 2020 Campus funds |
| <u>\$ 26,634,000</u> | 2021 State G.O. Bonds |
| \$ 40,398,900 | Total |

Project Costs

| | |
|---------------------|--------------------|
| \$ 2,730,880 | Design |
| \$ 1,043,900 | Project Management |
| \$ 30,129,120 | Construction Cost |
| \$ 144,000 | Art |
| <u>\$ 6,351,000</u> | Occupancy |
| \$ 40,398,900 | Total |

Project Status & Schedule

| Activity | Milestone |
|------------------------------|-------------------------|
| A/E Selection by | September, 2018 |
| CM@r Selection by | October, 2019 |
| Design | October–May, 2019 |
| Ph. 1 Bidding & Award | September, 2019 |
| Ph. 1 Construction | October–July, 2020 |
| Ph. 1 Sub. Completion | August, 2020 |
| Ph. 2 Bidding & Award | October–November, 2020 |
| Ph. 2 Construction | Nov., 2020 – Dec., 2021 |
| Ph. 2 Sub. Completion | January 10, 2022 |
| Close-out | December, 2022 |

Project Team

Patrick Buhl, Campus Project Manager
 Karen Huiett, SO Program Manager
 HGA, Architect/Engineer
 JE Dunn Construction Company, Contractor

Project Highlights

- 51,000 GSF Phase 1 Renovation
- 94,000 GSF Phase 2 Renovation
- Construction Manager at Risk Project Delivery Method
- \$ 9,682,900 Ph.1 Construction Cost
- \$20,473,220 Ph.2 Construction Cost

Project Progress



Figure 2 Tiered classroom



Figure 3 Active Learning classroom



Pine Technical & Community College

Technical/Trades Lab Renovation & Addition

CAMPUS FACTS

Students

800 Full Year Equivalent
13% Diverse backgrounds

Facility

112,270 Gross Square Feet
.02 Facility Condition Index

Campus website

www.pine.edu

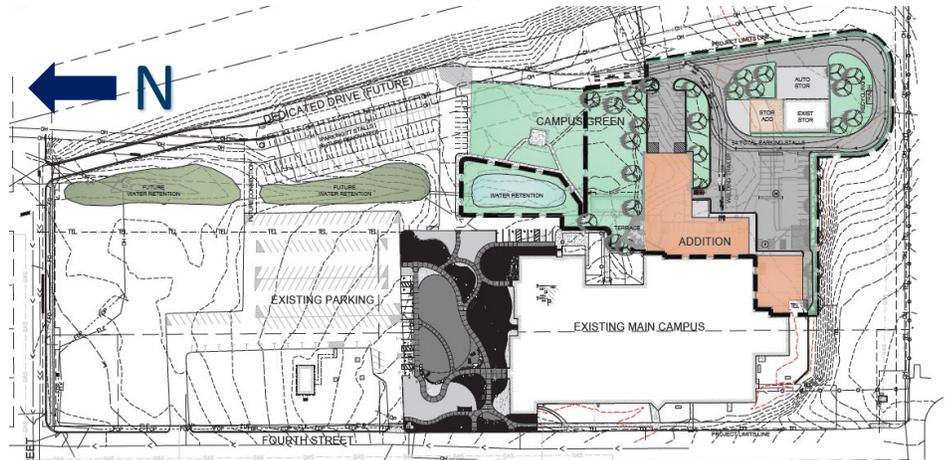


Figure 1 Schematic Site Plan

Impact for students as a result of this project:

- Increase enrollment into to high demand, family-sustaining jobs
- Create flexible, shared learning spaces with improved utilization rates
- Train students in advanced manufacturing and automotive technology using state-of-the art industry tools
- Modernize gunsmithing lab with enhanced safety and security features

Project Description

The project includes a combination of modernizing existing spaces to attract potential new workforce participants, increasing capacity in high demand training programs, purchasing industry-standard equipment for a relevant training experience, and connection participants to ancillary support resources that allow them to complete their training. The scope of this project includes:

- Improved research and development labs, machine, automation and collaborative labs
- Improve energy efficiency, safety, security, and wayfinding
- Abate hazardous materials and address deferred maintenance
- Collaborative student and faculty areas

Project Funding

\$ 635,000 2020 G.O, Bonds (Design)
\$ 5,000,000 2022 Planned Federal EDA Grant
\$ 13,906,000 2022 Planned G.O. Bonds
\$ 19,541,000 Total

Project Costs

\$ 1,448,675 Design
\$ 472,325 Project Management
\$ 17,024,978 Construction
\$ 50,000 Art
\$ 545,022 Occupancy
\$ 19,541,000 Total

Project Status & Schedule

| Activity | Milestone |
|------------------------|-------------------------|
| A/E Selection by | June 3, 2021 |
| Design | June – May, 2022 |
| 2022 Funding pend. | July 1, 2022 |
| Complete Design | July – October, 2022 |
| Bidding & Award | Nov.– Dec. 2022 |
| Construction begins | January, 2023 |
| Substantial Completion | April, 2024 |
| Close-out | May - August, 2024 |

Project Team

Steve Lange, Campus Project Manager
Karen Huiett, SO Program Manager
Bentz Thompson Rietow, Architect/Engineer

Project Highlights

- 9,503 GSF Renovation
- 21,612 GSF Addition
- Design/Bid/Build, Project Delivery
- Modern welding lab
- Expanded gunsmithing lab with secure armory
- Innovative automated systems technology, integrated build, and prototyping labs
- Dedicated nursing skills labs

Project Progress



Figure 2 Exterior Schematic Design



Rochester Community and Technical College

Memorial and Plaza Halls Demolition and Renovation

CAMPUS FACTS

Students

3,703 Full Year Equivalents
29% Diverse backgrounds

Facility

855,203 Gross Square Feet
.06 Facility Condition Index

Campus website

www.rctc.edu



Figure 1 Campus Plan

Impact for students as a result of this project:

- Modernizing of dated classrooms and the incorporation of active learning environments, and
- Addition of exterior gathering and activity areas

Project Description

The scope of this project includes the demolishing of the existing Memorial and Plaza Halls, Grounds Storage Garage, and related site work. The new work includes:

- An addition added to Endicott Hall for Classrooms, Faculty Offices and Student Support spaces,
- Renovations to existing classrooms, accessibility upgrades,
- Campus infrastructure improvements including a new central chiller plant, and
- Creation of an exterior plaza to the South for outdoor learning and student use.
- Creating contemporary and flexible learning environments,
- Renovating approximately 35,000 square feet of existing 1960's interior space for laboratory, classroom and office space, and collaborative environments.

Project Funding

\$ 1,000,000 2014 G.O. Bonds (Design)
\$ 22,853,000 2018 G.O. Bonds (Construction)
\$ 23,853,000 Total

Project Team

Shayn Jennson, Campus Project Manager
Justine Pliska, SO Program Manager
BTR, Architect/Engineer
Market & Johnson, Contractor

Project Status & Schedule

| Activity | Milestone |
|------------------------|--------------------------------|
| A/E Selection by | June 2015 |
| Design | July 2015 – September, 2018 |
| Bidding & Award | October, 2018 |
| Construction begins | November, 2018 |
| Substantial Completion | October, 2020 |
| Close-out | June, 2022 |

Project Highlights

- 20,000 GSF New Construction
- 11,000 GSF Renovation
- 38,000 GSF Demolition
- \$18,774,000 Est. Construction Cost
- \$15,184,000, Construction Bid Award
- Design/Bid/Build, Project Delivery

Project Progress



Figure 2 Project exterior image



Figure 3 - Completed Interior



Figure 4 – Active Learning Classroom